

SPH-n400 Series

P O R T A B L E

T r i - M o d e

T E L E P H O N E

User Guide

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

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SPH-n400 closed view



SPH-n400 open view



Getting to know your phone


Antenna





The antenna is a device for transmitting and receiving signals. The length of the antenna is determined in part by your phone's operating frequency. For best signal quality, use the antenna in the fully extended position and do not touch the antenna when the phone is active.

Backlight features


You can choose from one of four settings for the length of time that the LCD and keypad backlight remain illuminated.




Back key

Use  to erase/clear numbers and characters on the display, or to return to a previous menu or set of options.


- If you enter an incorrect number or character, briefly press .
- To erase all characters from the display, press  for two seconds.
- To back up one menu level, briefly press .
- To return to standby mode from any menu, press  for two seconds.




End key

The  key can be used one of several ways:


- Press and hold  to turn on your phone.
- Press and hold  to turn off your phone.
- Press  briefly to disconnect a call, return to standby mode, or to cancel an entry.

Talk key



The  key performs several useful functions:

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


Navigation key

The Navigation key  allows you to toggle up, down, left, or right through various menu options. When in standby mode the Navigation key also acts as a hot key (shortcut) to one of four menus or applications.


Menu key

Press  while in standby mode to access the Main menu. While writing a message, press  to display options for entering symbols, numbers, and text.


OK/Mail Kit key

The OK key () acts much the same as the “Enter” key on a computer keyboard and acknowledges any information that you have entered. When in standby mode, it also functions as a shortcut to the Mail kit menu. Any or all of the default shortcuts for this key can be changed under the Setup/ Tool menu (Launch Pad).

Shift key

Press  to switch letter case (upper case or lower case) while writing a message. The shift key can also be used to enter a decimal during calculations.

Space key

Press  to enter a space while writing a message, thereby accepting a word and moving on to spell another.

Keypad

Use the keypad to enter text, numbers, and symbols.

Headset connector

The hands-free headset connection jack. Before connecting the headset to your phone, gently pry open the cover of the headset jack, which is just above the volume key on the upper left of the phone.

LED indicator

When the phone ringer is off, the LED indicator flashes to notify you of an incoming call or message. It also lights momentarily when you power up the phone. During charging, the LED is red and turns green when the battery reaches a full charge.



Microphone

The microphone is used for conversation and recording.

Speaker

The speaker is for listening to voice conversations.

Speaker phone key

Press  during a call to use the speaker phone. The speaker phone allows you to speak to and hear the other party via the loudspeaker on back of the phone. Press  again to return to normal operation.

Display screen

In standby mode, the display screen is comprised of three areas:

- An upper line of stationary icons
- The graphic area in the middle
- The lower line showing the time and date

Display screen icons

The top line of icons on the liquid crystal display (LCD) indicate the status of various functions and operational modes of the phone.



Signal strength: Indicates the current signal strength. More lines indicate a greater signal strength.



Service indicator: Indicates a call in progress. when you dial a number, this icon flashes until the call connects.



No service indicator: Indicates your phone can't find a signal because you're outside a service area or the signal is blocked. You'll have to wait until the service indicator reappears before making or receiving calls.

Note: The no service indicator icon always appears upon power-up. As soon as service is located, the indicator disappears.












Roaming: Indicates you are in roaming mode.



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



High speed data: Indicates your phone is sending or receiving data at a high speed.

-  **Battery strength:** Indicates the amount of power remaining in your battery. More black bars indicate more power.
-  **New message:** Indicates you have a voice mail, text, or numeric page waiting.
-  **Alarm clock:** Indicates your alarm clock has been set.
-  **Ringer silent:** Indicates your phone's ringer is set to silent.
-  **Ringer:** Indicates your ringer is set to on.
-  **Digital:** Indicates your phone is operating in a digital service area.
-  **Position location active:** Indicates position location (GPS) is active.
-  **Position location inactive:** Indicates position location (GPS) is inactive.
-  **Security:** Indicates your phone is in secure mode.

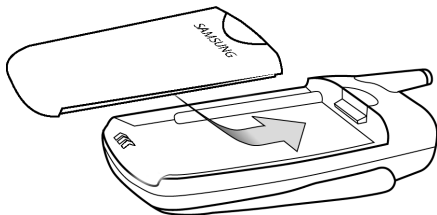
Installing and removing the battery

Your phone comes with a rechargeable standard Li-Ion battery and travel adapter. Fully charge your phone before first use or you may damage the battery. When you first attach the charger to the phone, the LED indicator on the phone will turn red. The indicator turns green once the battery is fully charged.

Note: You can use your phone while the battery is charging.


Installing the battery

1. Place the battery into the provided slots on the underside of the phone.



2. Gently slide the battery toward the top end of the phone until you hear it click into place.

Removing the battery

1. Press and hold  to turn off the phone.
2. Press the battery release latch and slide the battery away from the latch.

Charging the battery

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

Using the travel adapter


The travel adapter allows you to charge your phone's battery from any standard 120 VAC wall outlet. Also, using the travel adapter allows you to make phone calls while the battery is charging.

Follow these steps to use you travel adapter:


1. With the battery installed in the phone, plug the small jack from the travel adapter into the connector at the bottom end of the phone.
2. Plug the larger end of the adapter into a standard 120 VAC wall outlet. The battery begins charging immediately and the LED on top of the phone turns red. The LED indicates the charging status of the battery.
 - Red** indicates that the battery is charging.
 - Green** indicates that the battery is fully charged.
- You can make a phone call while the phone is plugged into the travel adapter. The adapter continues to charge the battery even when you are using the phone.

Tip: The battery charges faster if the phone is turned off.

Low battery indicator

The battery indicator () in the upper-right corner of the display screen indicates the battery power level. Three bars indicate a full charge, while an empty battery icon indicates your battery is almost empty.


The empty battery icon

Two to three minutes before the battery charge level becomes too low to operate the phone, a blinking an empty battery icon () appears in the display, and a tone sounds. If you continue to operate the phone without charging the battery, the phone shuts down. Be sure to monitor the battery strength icon and ensure your battery is adequately charged.

Your phone's modes

Call Answer mode

You can select how to answer your phone when receiving a call. The three methods for answering calls are:

- (press) Any key
- Open the flip
- (press)  A small icon of a button with the word "TALK" written on it.

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 outgoing calls until your phone is unlocked. 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 periodically rechecks for a signal automatically. To manually force the phone to recheck for a signal, press any key. A message on the display screen informs you when your phone is operating in the power save mode.


Standby mode


Standby mode is the state of your phone once it has found service and is in the idle state. Your phone goes into standby mode:

- After you power it on.
- When you press  after a call.


When in standby mode, you will see:

- The time, day, date, and your service provider's logo.
- All other active icons.


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

Press  at any time to return to standby mode.

Receiving messages in standby mode


You can receive messages while in standby mode. An alert tone sounds once a new message arrives. Press  to view the message.

Talk mode



You can only place and receive calls when your phone is powered on. While in a call your phone is in Talk mode. Press  to display a list of In Use menu options.

Vibrate mode

To set your phone to Vibrate when you receive an incoming call:

1. Press and hold the down arrow of the volume key () until **Vibrate** appears in the display. The volume key is located on the left side of phone, next to the display.

To change the setting:


1. Press the volume key, () on the left side of your phone up or down to adjust the ringer volume. Your options are:
 - Off
 - Vibrate
 - 1-Beep
 - Level 1
 - Level 2
 - Level 3
 - Level 4
 - Level 5
 - Level 6
 - Level 7
 - Level 8
 - High + Vib.
2. The vibrate icon () appears in the display when in vibrate or high+vib mode.

Getting Started

Obtaining service

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

Turning your phone on


1. Fully extend the antenna for clearest reception.
2. Press and hold  for two seconds. The LED indicator lights and a power-up alert sounds. The name of your service provider momentarily appears in the display.

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 phone begins searching for a signal. When a signal is found, the date, day, and time appear in the display. Your phone is now ready to place and receive calls.
- If the phone is outside of your carrier's coverage or roaming area you cannot place or receive calls. Try again later when service becomes available.


Turning your phone off

- Press and hold  for more than two seconds.

Note: Your phone will not power off if you press  for less than one second. This prevents you from shutting off the phone accidentally.

Making and answering calls

Outgoing




1. With your phone on, enter the phone number you want to call (up to 32 digits) using the keypad. The phone numbers display from left to right.
2. Press  to place the call.



Incoming

When you receive a call:

- If the caller can be identified, the phone displays the caller's number (or the caller's name if it is pre-stored in your Phone Book).

- If the caller can't be identified, the display reads "Call from Blocked ID".

The following are ways to answer an incoming call. Most of these options can be accessed and changed in the Setup/Tool menu (  ).

- Press 
- Press any key
- Open the flip
- Preset the Auto Answer feature for automatic pickup
- Press the speaker phone key ()

When you receive a call, your phone continues to notify you of the call until one of the following events occur:

- You answer the call
- The calling party ends the call
- The call is sent to voicemail

Your phone provides the following voice call notification features:

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



Auto LCD off

This feature is provided to prolong the life of your battery. The LCD turns off when your screen is idle for 8 seconds.

Step ringer

Step ringer can prevent injury to your hearing. When your phone rings, it first begins to ring at the lowest volume level (level 1), then gradually ascends to the set level.

List of main and sub menus

Your phone's features can be accessed using  and , or by using shortcut numbers. The following numbered list contains the menus and sub menus, as well as the shortcut numbers for your phone.

Main and sub menus

1. Call History

1. Outgoing
2. Incoming
3. Missed
4. Erase History
 1. Outgoing
 2. Incoming
 3. Missed
 4. All Calls
5. Air Time
 1. Last Call
 2. Total Calls

2. Phone Book

1. Find
2. Add New Entry
3. Group Setting
 1. Family
 2. Friends
 3. Colleague
 4. VIPs
4. My Phone #
5. Memory

3. Mail Kit

1. New Message
2. Voice
3. Inbox
4. Outbox
5. Filed Msg
6. Web Alerts
7. Erase Msg
 1. Voice
 2. Old Inbox
 3. New Inbox
 4. Outbox
 5. Filed
 6. All Messages
8. Msg Setup
 1. General
 1. Scroll Timer
 2. Msg. Remind
 3. Voice Mail #
 2. New Message
 1. Call Back #
 2. Save Message
 3. Entry Method
 4. Delivery Ack

5. Canned Msg.

4. Web

1. Start Browser
2. Web Guard

5. Downloads

1. Games
2. Ringers
3. Screen Savers
4. Applications

6. Calendar

1. Today
2. Month View
3. Task List
4. Memo Pad
5. Alarm Clock
6. Calculator
7. World Time
8. Countdown
9. Set Time

7. Voice Dial

1. Record
2. Review
3. Erase All
4. Set Active

8. Sounds

1. Ringer Volume
 1. Calls
 2. Messages
 3. Alarms
2. Ringer Type
 1. Voice Calls
 1. With Caller ID
 2. No Caller ID
 2. Messages
 1. Voice Mail
 2. Notification
 3. Data/Fax In
 4. Schedule
3. Alerts
 1. Minute Beep
 2. Service Alert
 3. Connect
 4. Disconnect
 5. Fade
 6. Roam
4. Roam Ringer

5. Key Beep
6. Tone length
7. Power On/Off

9. Display

1. Menu Style
2. Wall Paper
 1. Local Image
 2. Download
3. Greeting
4. Backlight
5. LCD Contrast

0. Setup/Tool

1. Launch Pad
 1. Up Key
 2. Down Key
 3. Right Key
 4. Left Key
2. Auto Answer
3. Call Answer
4. Language
5. Set NAM
6. Set System
7. Data/Fax
 1. Data/Fax In
 2. Set Data Rate
8. Security
 1. Lock Phone
 2. Change Lock
 3. Restriction
 4. Special#
 5. Erase Pbook
 6. Erase Contents
 7. Reset Phone
 8. Message Time
 9. Location
0. Phone Info



*Key Guard

In Use Menu

1. Mute
2. Call History
3. Phone Book
4. 3-Way Call
5. Mail Kit
6. Calendar
7. Phone Info

Returning to a previous menu

While navigating the menus and submenus in your phone:

- Press  to return to the previous menu.
- Press  to exit the menu without saving the setting.

Accessing menus using shortcut numbers

All main menus and submenus are assigned numbers and can be accessed using these “shortcut” numbers. The following step is a sample exercise using shortcut numbers to access the Month View:

- In standby mode, press    in succession to shortcut to Month View in the Calendar.

Call History

Your phone keeps a record of up to 10 of the last Outgoing, Incoming, and Missed calls in memory. Call History works only when your phone is active and service is available.

Outgoing



Outgoing Calls are those that were dialed from your phone.

Incoming

Incoming Calls are those that were answered by someone on your phone.





Missed

Missed Calls are those that were received by your phone but never picked up. A missed call is indicated by a text notification in the display. Additionally, if caller information is available, your phone displays the number of the most recent missed call.

- Press  to call the number in the display.
- Press  to clear **Missed Call** from the display.

View call history







To view the call history for outgoing, incoming, and missed calls:

1. In standby mode, press  .
2. Toggle  down until the call history that you wish to view is highlighted and press .







Erase history

You can erase one or all of the call logs for Outgoing, Incoming, and Missed calls.




To erase all Calls:




1. In standby mode, press    for **Erase History**.
2. Press  for all **All Calls**.
3. Toggle  to **Yes** to erase all your call directories, or **No** to cancel.
4. Press  to acknowledge your selection.

Erasing Outgoing calls:


1. In standby mode, press    for **Erase History**.
2. Press , toggle  to **Yes**, and press  to erase your **Outgoing** call history.

Erasing Incoming calls:

1. In standby mode, press    for **Erase History**.

2. Press , toggle  up to **Yes**, and press  to erase your **Incoming** call history.

Erasing Missed calls:

1. In standby mode, press    for **Erase History**.
2. Press , toggle  up to **Yes**, and press  to erase your **Missed** call history.

Air Time






Last Call

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

Total Calls



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


To view Air Time for Last Call or Total Calls:

1. In standby mode, press    for **Air Time**.
2. Press  to view air time for **Last Call** or  to view air time for **Total Calls**.

Call waiting

If you are in a call and another call comes in, your phone notifies you with a beep. To answer the call:

1. Press . When the other party answers, ask them to remain on the line or call back later.
2. Press  to place the call on hold and reconnect to your original call.





3. Press  to switch between calls.

Caller I.D.

Caller I.D. allows you to see the number of the caller in the display. If the callers name and number are stored in your Phone Book, their name also appears in the display.

Call block

You can also block your number from being displayed on another phone by enabling the call block feature.



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

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

Phone book

Your phone can store up to 249 names and numbers in its Phone Book. Each memory location can have up to six numbers, one e-mail address, and one URL address. Each number can be up to 32 digits in length (including pauses), and the name can be up to 12 characters in length. Memory locations can be marked secret to prevent unauthorized viewing.








One-Touch, Two-Touch, and Three-Touch Dialing from your Phone Book makes it easy to call stored numbers. To access your Phone Book:

- Press   for **Phone Book**.








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


Finding entries

The Find feature allows you to quickly recall any names that you've stored to your Phone Book. You can then place a call to the number or edit their Phone Book information.

1. In standby mode, press    for **Find**.
2. Toggle  up or down to highlight the name of your choice.
3. Press  to select the name. The display screen shows the phone number associated with the name, as well as other information.
4. Press  to place the call, or press  to view other options.

Adding new entries

1. In standby mode, press    for **Add New Entry**.
2. Enter the phone number for the entry and press .
3. Toggle  to select the number type, such as mobile home, or work and press .
4. Enter a name for the entry and press .

Note: Press  to return to the previous menu at any time.









The Group Setting

You can assign Phone Book entries to one of four groups (Family, Friends, Colleagues, VIPs) and then select a ringtone for the group. This allows you to distinguish callers in that group from other callers. This is helpful in identifying

callers when you're not within arms reach of your phone. All four groups can be renamed to suit your preference.

Modify a Group Setting

To rename a group or modify the ringtones and ringers associated with the group:

1. In standby mode, press    for **Group Setting**.
2. Toggle  down to highlight the **Group** that you wish to Edit.
3. Press , toggle  to highlight **Rename** or **Sounds**, and press .
4. Make your changes. When finished, press .




My phone

To display your phone's number:

- In standby mode, press    for **My Phone #**. Your phone's number appears in the display.




Memory








You can save up to 249 entries in your Phone Book and up to 10 in Voice Dial. To display your phone's available memory:


- In standby mode, press    for **Memory**. The amount of memory used and the amount available (empty) appears in the display.




Editing phone book numbers

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

1. In standby mode, press    for **Find**.

2. Toggle  up or down until the entry that you wish to edit is highlighted, or enter the name via the keypad and press .
3. Press , toggle to **Edit** and press .
4. Toggle  to highlight the sub-entry that you wish to modify and press .
5. Enter your changes using the keypad and press  when finished.

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

6. Repeat the procedure to edit other sub-entries.
7. Press  to save the entry.
8. Toggle  to highlight **Yes** or **No** at the confirmation screen.
9. Press  to confirm your changes and/or exit.












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 call, you can store the numbers along with their associated pauses to your Phone Book.





- **P pause:** A hard pause that stops the calling sequence. The calling sequence awaits your input before resuming.
- **T pause:** A 2 second pause that stops the calling sequence for 2 seconds and then resumes.


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. Keep in mind that pauses count as digits towards the 32-digit maximum.

Storing pauses in a phone book entry

1. In standby mode, enter the phone number that you wish to store (such as your bank's teleservice number).
2. Press  and toggle  down to highlight one of the pause menu options (Hard Pause or 2sec Pause).
3. Once the desired pause menu is highlighted, press  to select.
4. When you've finished entering numbers and pauses, press . **Add New Name** is highlighted.
5. Press  and toggle  to highlight a label for the new number.
6. Press , enter a name for the number, and press  again.
7. Press  and select **Yes** using the toggle key ().
8. Press  to confirm and store the number in your Phone Book.





Pause dialing from a stored entry

1. If you stored the number using 2 second (T) pauses, simply recall the number from your Phone Book (
 ) and press .

2. If you stored the number using hard (P) pauses, recall and dial the number from the **Phone Book**, then wait for the appropriate prompt from the number you are calling.
3. Press  to call the number.

Manual pause dialing










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).
2. Press  to display the pause **Menu** options. Toggle  down to highlight your pause option and press  to activate. Continue in this manner until you enter the complete number with pause(s).
3. Press  to call the number.

Tip: If you plan to call the number frequently, it's a good idea to store your pauses.










Erasing individual Phone Book entries

To erase an existing entry from the Phone Book.

1. In standby mode, press    for **Find**.
2. Toggle  to highlight the Phone Book entry you wish to erase and press .
3. Press   for **Erase**. The phone prompts **Yes** or **No**.
4. Toggle  to select **Yes** or **No** and press .











Erasing the entire Phone Book

You can erase all the numbers stored in your Phone Book, which is useful if you want to give your phone to a friend or family member.





1. In standby mode, press    for **Security** and enter your current 4-digit lock code.
2. Press  for **Erase PBook**. A confirmation message displays asking if you still want to **Erase**.
3. Toggle  to **Yes** and press . You're asked to confirm the erasure of your Phone Book.
4. Toggle  to **Yes** again and press  (or press  to cancel the operation). If you selected **Yes**, a message appears in the display confirming the erasure.

Entering an e-mail address















To add an e-mail address to an existing entry in your Phone Book:

1. In standby mode, press    for **Find**. The contents of your **Phone Book** appear in the display.
2. Toggle the navigation key  down until the entry for which you wish to add an E-mail address is highlighted.
3. Press , and then press .
4. Toggle  to **Edit** and press .
5. Toggle  to **E-mail** and press .
6. Enter the E-mail address using your keypad.

Note: To enter the @ symbol, press   .

- When you are finished entering the E-mail address press .
- Press . Toggle  to **Yes** and press  again. Your E-mail address is saved.

Editing an existing e-mail address


- In standby mode, press    for **Find**. The contents of your Phone Book appear in the display.
- Toggle  down to highlight the desired entry and press .
- Press , toggle  to **Edit**, and press .
- Toggle  to the E-mail address and press .
- Edit the existing E-mail address and press .
- Press , toggle  to **Yes** and press  again. Your changes are saved.

Speed dial



You can automatically dial a number assigned to one of the 249 memory locations in your phone by pressing and holding the assigned key. New entries saved to your Phone Book are automatically assigned to a memory location.

Note: Memory location 001 is reserved for dialing Voicemail and cannot be changed




One-touch speed dialing locations

Memory locations 002 - 009 are one-touch speed dialing locations. You can call the numbers stored in memory locations 002 - 009 by pressing and holding one key. For example, to dial location number 002, press and hold  until the number is dialed.

Two-touch speed dialing locations













Memory locations 010 - 099 are two-touch speed dialing locations. You can call the numbers stored in memory locations 010 - 099 by briefly pressing the first key and then holding the second key. For example, to call the number stored in memory location 13, briefly press  and then hold  until the number is dialed.

Three-touch speed dialing locations

Memory locations 100 - 249 are three-touch locations. You can call the numbers stored in memory locations 100 - 249 by briefly pressing the first and second keys, then pressing and holding the third key. For example, to dial location number 113, briefly press   and then hold  until the number is dialed.

Setting the Speed Dial entry













You can change the one-touch, two-touch, or three-touch key(s) associated with a memory location anytime.

1. In standby mode, press    for the **Find**.
2. Toggle  to highlight the entry that you wish to edit and press .
3. Press , toggle  to **Edit**, and press .
4. Toggle  to the **Entry** field.
5. Enter the desired key number in three-digit format (009, etc.) and press .
6. Toggle  to **Yes** and press . Your changes are saved.

Setting the Speed Dial label



For memory locations with more than one number (label), you can choose which number is dialed when you press the one-touch, two-touch, or three-touch speed dialing keys.

Note: Only one number per memory location can be assigned to a one-touch, two-touch, or three-touch speed dialing key.


















1. In standby mode, press    for the **Find**.
2. Toggle  to highlight the entry that you wish to edit and press .
3. Press , toggle  to **Edit**, and press .
4. Toggle  down to select **Speed dial**.
5. Toggle  left or right to change the label currently associated with the speed dial key.
6. Press , toggle to **Yes**, and press . Your changes are saved.

Storing numbers at the end of a call


Note: If Caller ID information is unavailable, the store option will also be unavailable.

1. Once you press  to end your call, the length of the call, the phone number and the name of the party (if available) appear in the display.
2. Press , and follow the prompts to save the number.

Storing numbers from call logs

1. In standby mode, press   for **Call History**.
2. Press  for **Outgoing**,  for **Incoming**, or  for **Missed** calls.
3. Toggle  until the number that you wish to store is highlighted and press .
4. Press , then toggle  until **Save** is highlighted.
5. Press . **Add New Name** is highlighted.
6. Press  and toggle  to highlight a label for the new entry.
7. Press , enter a name for the entry, and press  again.
8. Press , toggle  to **Yes** and press . The entry is saved to your Phone Book.

Shortcuts to storing 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.










Mobile originated 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 to compatible phones and devices. When a message is received, your phone sounds an alert tone (unless turned off) and a new message pop-up window appears in the display.

Note: 16KB of memory is available for all messages. The number of messages that can be stored within the 16KB limit is dependent upon their individual size.

Mail kit - creating a text message


1. In standby mode, press    for **New Message**.
2. Enter the destination phone number and press .
3. Enter the message using the keypad. When finished, press . The Msg Action menu appears in the display.
 - Press  to send the message
 - Press  to save the message
 - Press  to edit the callback number
 - Press  to discard and quit



Message options




1. While at the **Msg Action** menu, press , and toggle  to highlight **Options**.
2. Press  and a list of message options appear in the display (see options that follow step 7).
3. Toggle  down to highlight an option. Toggle  left or right to change the option.
4. Toggle  down to confirm and press  to accept the change (or select **Revert**) to cancel the change.
- **Message Priority:** Allows you to assign a priority to your messages. Options are Urgent and Normal

- **Validity period:** The period of time that you wish the message to be available to the recipient. Options are:
 - Always
 - 30 min
 - 1 hour
 - 2 hours
 - 12 hours
 - 1 day
 - 2 days
 - 3 days
- **Deferred delivery:** Allows you to decide when you want your message to be sent.
 - Now
 - 30 min
 - 1 hour
 - 2 hours
 - 12 hours
 - 1 day
 - 2 days
 - 3 days
- **Delivery Acknowledge:** If this is set to Request Ack, you will be notified if the message was successfully delivered. Options are as follows:
 - Request Ack
 - No Request
- **Save sent message:** Provides the following options on how your message is saved:
 - Auto Save
 - Prompt Save
 - Do Not Save
 -
- **Confirm or Revert:** Confirms changes or reverts to default settings. Options are as follows:
 - Confirm
 - Revert




Entering text, numbers, and symbols

1. When entering events, numbers, or notes, press  to view the following menu options:
 - T9 (English)
 - Symbol
 - Canned message
 - Alpha
 - Number


2. Toggle the navigation key  to highlight the option of your choice, and press  to confirm.

 - 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. Toggle the navigation key  to highlight the option of your choice, and press  to confirm.
- **T9(English)**: This is the predictive word entry mode. You can quickly and easily enter words using the built-in dictionary (more on this).
 - **Alpha**: This is the text entry mode.
 - **Symbol**: Symbol entry is used with number keys and associated symbols.
 - **Number**: This is the number entry mode.




Alphabetical text entry

Text characters may be entered in ABC mode by pressing the key which corresponds to the letter that you wish to enter (for example: the 2 key for the letter “A”). Press any key once to insert the first letter on the key, twice to enter the second letter on the key, and so on. To change capitalization formats while entering text, press .

Note: If you pause too long while cycling between characters, the currently displayed character is accepted and your phone awaits the next entry.





Entering numbers

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

1. While at a text entry screen, press  to display the options menu.
2. Toggle the navigation key  to highlight **Number** and press . You can now enter numbers via the keypad.

Symbol entry

Symbol mode enables you to enter symbols such as the @ character into a text message.

1. While at a text entry screen, press  to display the options menu.
2. Toggle the navigation key  to highlight **Symbol** and press .
3. Toggle the navigation key  left or right to scroll between the available symbols.
4. Press the number key above the desired symbol to enter that symbol into your message.



T9® English text entry

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

For example, to enter the word “hello,” you can spell out the word by pressing only five keys (4-3-5-5-6). T9 recognizes the most commonly used word for that number sequence and spells out the word “Hello” in your display. If two or more words share the same number sequence, T9 provides the

most commonly used word for that sequence. You can easily display the next most commonly used word by pressing












Press  repeatedly to display all of the available words in the T9 dictionary. When the word you wish to use appears, press  to accept the word and continue entering text.

Creating a new message

You can create text or e-mail messages and send them to others with compatible phones. Messages can be sent to up to 10 numbers or e-mail addresses at a time. Message options allow you to prioritize their delivery, delay sending of a message, and more. You can also file drafts of messages or have sent messages saved to the Outbox for later review.






Note: Sending messages is only supported in digital networks and only available if supported by your service provider.

Note: Once you begin entering data, the remaining number of characters available appear in the display.

1. In standby mode, press    for **New Messages. Send To:** appears in the display.
2. Enter the number of the recipient for your text message and press .
3. Enter the message using the keypad. When finished, press . The **Msg Action** menu appears in the display.
 - Press  to send the message
 - Press  to save the message
 - Press  to edit the callback number
 - Press  to discard and quit

Inbox









To view your text messages:

1. In standby mode, press    to open the **Inbox**.
2. Toggle  until the message you wish to view is highlighted.
3. Press . The phone displays the message contents.

Outbox



Your phone stores messages in Outbox, regardless if the message was transmitted or not. If Auto Save was set in the Save Message setting under Msg Setup, you can review or resend messages stored in the Outbox.












To review outgoing messages:

1. In standby mode, press    for **Outbox**. A list of messages (if you have any) displays.
2. Toggle  to highlight the message you wish to review and press  to select.
3. Press  for further options.
4. Press  to **Resend** the message, press  to resend with the same message settings.
5. Select **Erase** to delete the message from **Outbox**.

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





Accessing voice and text messages

1. In standby mode, press   .







2. Press  for **Voice messages**,  for **Inbox messages**,  for **Outbox messages**, or  for **Filed messages**.
3. Toggle  until the message you want to review is highlighted, then press .
4. Press  for options.
5. Toggle the navigation key  to highlight **Resend** and press .
6. Press  to enter the **Send To:** information and press .









Filed message

Your phone can store draft messages that are yet to be sent in the Filed Msg folder. You can access this folder anytime to edit and send the message. To view filed messages:

1. In standby mode, press    for **Filed Messages**.
2. Press  to view messages.





To access unsent messages and continue editing:

1. In standby mode, press   to display the **Mail Kit**.
2. Press  for **Filed Msg**. The number of pending messages display next to the **Filed Msg** text. The filed messages will display in order.
3. Toggle  to highlight the message, and press  to open.
4. Press  for the options.
5. Use the navigation key to highlight **Edit** or **Erase**.

6. Press  to view and select from the available options.
7. Enter the Send To: information and press . The Message screen displays.
8. Press  for the options. Use the navigation key  to highlight an option and press .
9. Enter a message, when finished press , the **New Messages** screen displays.
10. Press  for **Action**.
11. Press  for **Filed Msg**.








Web Alerts

Your phone alerts you with incoming browser messages. When a new message arrives, your phone will display a text notification as well as an audible alert. You can access Web Alert from the Message menu:

1. In standby mode, press  .
2. Press  for **Web Alerts**.
3. Press  to complete the action.





Note: Contact your service provider for availability.

Erasing messages

1. In standby mode, press  .
2. Press  for **Erase Msg**.
3. Toggle  down to highlight the folder containing the message or messages you wish to erase.
4. Press  once the folder is highlighted.
5. Toggle  to select **Yes** or **No** and press .







Message setup

There are several choices available for how you wish to treat messages, such as how often you wish to be reminded when new messages arrive, and more.

1. In standby mode, press    for **Msg Setup**.
2. Press . The following options appear in the display:
 - **Scroll Timer** - Allows you to select the amount of time you would like your scroll to be available before closing (while viewing messages).
 - **Msg. Remind** - Allows you to select the number of times you would like to be reminded that you have a message.
 - **Voice Mail #** - Enter your voicemail number

New Message options

There are multiple choices for how you wish to treat new messages, such as saving options, default response methods, and more. Some choices govern all new messages, however, others only work while viewing the contents of a message.

1. In standby mode, press    for **Msg Setup**.
2. Press . The following options (in bold) appear in the display. Scroll to the option of your choice and press , or press the number next to the option to open that option's sub menu.
 - **Callback #** - Press  to automatically call the number in the display.

- **Save message** - You are offered the following options.
 - **Auto Save** - Automatically saves new messages
 - **Do Not save** - Never save new messages
 - **Prompt Save** - Prompts you before saving new messages
- **Entry method** - Choices for the default method of spelling words in your messages.
 - **T9 Word** - Faster, only one keypress needed for each letter of the word that you are spelling.
 - **Alphabet** - Often called the multi-tap method. Not as fast as T9.
- **Delivery Ack.** - You may request a delivery acknowledgement from your service provider for any messages that you have sent.
- **Canned msg.** - Often called a “Template.” You can choose from a number of pre-typed responses when you reply to a message. These messages can be edited to your preference.

Message memory capacity

Your phone can store up to 16K (or 94 standard sized messages). The storage capacity includes all received, sent, filed message types, VMN (Voicemail Notification), and text messages. The number of messages stored, depends upon the length of each message. 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.



Receiving a message in standby mode

When your phone receives incoming messages in standby mode, the ringer sounds, (unless it is turned off), and New Voicemail, New Text, New Page or New Browser Msg appears in the display. The message icon is displayed, and remains so until you listen to or read the new message.



Receiving a message while on a call







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


Reviewing voice mails and text messages



When a message arrives, you can recall the sender's call back number if it is available, by pressing . 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 voicemail and text messages in standby mode

1. In standby mode, press  , to display the **Mail Kit** menu. The number of messages appears 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.
3. Press  for **Inbox**. A list of messages appear.
 - A *blue* message number means the message is unread.
 - A *light blue* message number means the message has been read.
 - A *purple* message number means the message is urgent.
4. You can press  for **Outbox**. A list of sent messages displays.
 - A *red* message number means the message failed and was not sent successfully.
 - A *blue* message number means the message was sent successfully.
5. Press  to highlight the message you want to review, press  to open it.

Note: While reviewing the message, you can toggle  to scroll down if message exceeds screen size. However, if you wait a few seconds the phone automatically scrolls through the display.

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





Message options






While reviewing messages, you have a number of options. You can call or send a text message to the original sender, send an E-mail if the address is included in the message, or forward the message to another recipient.


1. In standby mode, press   to display the **Mail Kit** menu. A number of received or sent messages displays next to the associated message type.
2. For **Text** messages, toggle  up or down to highlight the message you wish to review, press  to open.
3. Press  to view the following options:
 - **Reply**: allows you to reply to the sender. The phone accesses the **New Message** menu and copies the sender's originating address to the **Send To** field.
 - **Forward**: allows you to forward the message to another recipient. The phone accesses the **Send To** menu and copies the sender's message to the **Message** field.
 - **Erase**: allows you to delete the message from the Inbox.
 - **Save addr**: allows you 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.
 - **Save cb#**: allows you to save the call back number to the Phone Book. The number is automatically copied to the **Add Entry** field.

Ringer type — message





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

1. In standby mode, press     for **Messages**.

2. Press  for **Voicemail** or  for **Notification**.
3. Toggle  down to the Ringer selection.
4. Toggle  left and right to hear available tones. Each tone plays as it's highlighted.
5. When the desired ringer type plays, press  to save.

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

Three way calling

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 are connected.

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

Web

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

When you launch the MiniBrowser, the phone connects to the Internet and the service indicator icon appears in the display.

Note: Any time the service indicator icon is visible, you are connected to the Internet and charged accordingly. Rates and pricing vary according to your service option. For further information contact your service provider.





Your MiniBrowser ends an Internet connection after a period of inactivity, however some information from your session remains stored in a cache and you can access this information without reconnecting to the Internet (if you leave your phone turned on). While viewing this stored information if 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

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


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

To launch the MiniBrowser:

1. In standby mode, press   to view the options listed below.
2. Toggle  to highlight an option. Press  to confirm or to enter the option's submenu.


•**Start Browser:** Opens the browser. You'll first be notified that charges will apply, after which you can accept to continue or cancel.

•**Web Guard:** Select how you wish to be prompted for browsing.


3. Once you are connected, the Home Page (or the last page visited), appears in the display. Press and hold  to access the MiniBrowser. An example of a **Home Page** is shown as follows:

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, toggle the navigation key .




Exiting the web/minibrowser




Press  to exit the Web. If the Prompt to End or Both option is selected in the MiniBrowser setup, a prompt asking if you want to end the MiniBrowser call is displayed.

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 your carrier.

To change the settings:

1. In standby mode, press    for **Web Guard**.

2. Toggle  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.
3. Press  to save your setting or press  to cancel.

Minibrowser soft keys

At the bottom of the MiniBrowser display is a solid bar which contains the browser commands. The “soft” keys appear below the solid bar and are used to execute the commands. These two keys are called “soft” keys because their function changes depending on where you are in the MiniBrowser software.

Navigating the web

When you use the MiniBrowser, some of the keys on your keypad will operate differently than during a normal phone call. The MiniBrowser presents on-screen items in any of the following ways:

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

How the minibrowser keys work



Navigation key: Use this key as a toggle to find and highlight an option.



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



BACK: This key performs two functions:

- 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**.
- Also clears entered text or numbers. When entering numbers or text, press it to clear the last number, letter, or symbol. Press and hold to completely clear the input field.



Asterisk / Shift: Press this key before entering text to create upper case characters. Also can be used to move the cursor back one space.



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




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

Using links









Links have several purposes, including jumping to a different page, jumping to a different site or even initiating a phone call from some sites. Links are shown inside of brackets ([]), and you can normally use the left soft key to select a link when it is highlighted.

Making a 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 press  to call the number. The Internet connection will be terminated when you initiate the call. After you end the call, your phone returns to standby mode.



Downloads



You may be able to download images, applications, and ringers over the internet.

1. In standby mode, press   for **Downloads**.
2. Toggle  to highlight an option:
 -  for **Games**
 -  for **Ringers**
 -  for **Screen Savers**
 -  for **Applications**
3. Press  to open the highlighted option.

Calendar

With Calendar, you can schedule and set alert reminders for events and tasks, enter memos, set alarms, view the current time for any part of the world, and more.

1. In standby mode, press   for **Calendar**.

2. Toggle  down to highlight a feature.
3. Press  to open the highlighted feature.




The following features are included in the Calendar menu:



1. Today
2. Month View
3. Task List
4. Memo Pad
5. Alarm Clock
6. Calculator
7. World Time
8. Countdown
9. Set Time


Today

You can schedule up to 9 events for the current day by indicating each event's start and end time. You can also set an alarm to remind you before the event begins. Events that are scheduled for future dates appear on the Events schedule for that particular day.



Scheduling an event



1. In standby mode, press    for **Month View**.


2. Press  and toggle  to **Add New**.

3. Press  and enter details of the event (up to 30 characters including spaces) using the keypad.


4. Press . Enter the start time and date for the event.

Note: After entering the time, press  for P.M. or  for A.M.



5. Toggle  down to the next screen to set the end time for the event.
6. Toggle  down one line to highlight the alarm function.


Toggle  left or right to set the following alarm options:


- No Alarm
- On Time
- 10 min before
- 30 min before
- 1 Hr before


7. Press  to save. The phone confirms that the information has been saved.

Adding or erasing an event


1. In standby mode, press   for the **Calendar**.

2. Press  to display **Today**.

3. Press .

4. Toggle  to highlight one of the following options:



- **Add New:** Allows you to add an event
- **Erase:** Allows you to erase an event.
- **Erase All:** Allows you to erase all events.

5. Press  once the option of your choice is highlighted.

If you selected Add new

Add the new event as outlined in “Adding or erasing an event” on page 51.










If you selected Erase or Erase All

Toggle  up to select Yes (or No to cancel) and press .

Month View

Month View allows you to view a past, current, or future month in calendar format. In Scheduler, the current date is highlighted on the calendar. Days with scheduled events are also highlighted, although in a different shade of color than the current date.








Viewing an event



1. In standby mode, press  to display the **Main menu**.
2. Press  for **Calendar**.
3. Press  for **Month View**.
4. A current calendar screen displays. The current date is highlighted.
5. Toggle  right/left to select a new date.
6. Toggle  up/down to view a new week.
7. Press the volume key up or down  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. Toggle  to highlight **View** and press .

Task list










Task List allows you to compile and prioritize a “to do” list. Your phone can store up to 20 Task List items.

Creating a task list item:

1. In standby mode, press    for **Task List**.
 - After a brief pause, the **New Task** screen appears in the display. If you've previously entered a task, press   for **Add New**.
2. Enter the new task using the keypad and press .
3. Toggle  down and enter the desired time and date.

4. Toggle  down and set the priority for a **Task List** item. Options are **High** or **Low**.
5. Press  to **Save**.


Erase (or Erase all) task list items






1. In standby mode, press   for the **Calendar**.
2. Press  for **Task List**. Toggle  to highlight the task that you wish to erase.
3. Press  and toggle  down to **Erase** or **Erase All**.
4. Press , toggle  up to **Yes** (down to select **No**), and press .






Adding and erasing memos

Memos aren't associated with dates, they are simply notes that you can write to yourself and recall anytime.














1. In standby mode, press    for **Memo Pad**.

Note: To view an old memo, highlight the memo and press .

2. Press  to view the following options:
 - **Add New**
 - **Erase**
 - **Erase All**
3. To add a new memo, toggle  to **Add new** and press . Proceed to step 6.
 - To erase a memo, highlight the memo and press .
 - Select **Erase** from the list of options and press . The selected memo is erased.
4. Enter your memo using the keypad.

- Press  at the memo entry screen to view the following options for entering numbers, symbols, and text:
 - **T9 Word**
 - **Symbol**
 - **Alpha**
 - **Number**
- Toggle  to highlight an option. Press  to select the option or  to cancel.
- 5. When you're finished entering the memo, press . The memo is saved.















Editing memos



1. In standby mode, press    for **Memo Pad**.
2. Toggle  to highlight the memo you wish to edit.
3. Press , and then press  to view the following options:
 - **Edit**
 - **Erase**
 - **Add New**
4. Toggle  to **Edit** and press .
5. Edit the memo as required.
 - While editing the memo, press  to view the following options for entering numbers, symbols, and text:
 - **T9 Word**
 - **Symbol**
 - **Alpha**
 - **Number**
 - Toggle  to highlight an option. Press  to select the option or  to cancel.
6. When you're finished editing the memo, press . The memo is saved with your changes.

Alarm Clock

Your phone has an Alarm Clock with three alarms that can be set to go off once, or daily at a specified time. Once set, the Alarm Clock is easy to change or to turn off completely.

To set the Alarm Clock:



1. In standby mode, press    for **Alarm Clock**.
2. Toggle  down to highlight the alarm that you wish to use and press .
3. Toggle  left or right to turn the alarm **On**.
4. Toggle  down to **Time** and enter the desired time for the alarm using the keypad.
5. Press  for A.M. or  for P.M.
6. Toggle  down to highlight the ring type. Toggle  left or right to select the ring of your choice.
7. Toggle  down to highlight the alarm frequency. Toggle  left or right to change the current setting. Press  to save your settings and exit.






Note: Once an alarm is set, an alarm clock icon  appears in the standby display. When the alarm is turned off the alarm icon  is removed. If you attempt to set two alarms for the same time, an error message (Invalid time) appears and the alarm will not be saved.

Calculator

You can perform calculations such as addition, subtraction, multiplication and division using the calculator feature.





To perform a calculation:

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

1. In standby mode, press    for **Calculator**. The Calculator screen appears in the display.
2. Use the keypad to enter the first number in your calculator. (Numbers can be up to 9 digits long.)
3. Toggle the navigation key  up, down, left, or right to select between the following choices:
 - [+]** Addition
 - [-]** Subtraction
 - [x]** Multiplication
 - [÷]** Division
4. Use the keypad to enter the second number in your calculation.
5. Press  to perform the calculation and view the result, or continue with the calculation.

World Time

To view the time for selected cities in each of the world's 24 time zones:









1. In standby mode, press   for **Calendar**.
2. Press  for World Time. A world map appears. The city, country, time and date are indicated by a longitude indicator.
3. Toggle  in any direction to move the longitude line to another time zone and view the time for selected cities in

that zone. The following cities in each of the 24 world time zones are listed.

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

Daylight savings time





Daylight savings time is used to conserve energy in many countries throughout the world. You can turn the automatic daylight savings time feature on or off for selected time zones throughout the world.

1. In standby mode, press    for **World Time**. A map of the world appears in the display.
2. Toggle  to the time zone for which you wish to turn daylight savings time on or off.
3. Press  and then  to display the DST (**Daylight savings time**) setting.
4. Toggle  up or down to select **On** or **Off**. Press  to confirm.


Note: A icon which resembles the sun appears between the time and date at the bottom of the display when a time zone with the DST setting set to on is selected.

Countdown




Countdown allows you to monitor the time remaining between the current date and time and any date that you specify. You can create up to five Countdown timers for dates between the years 1980 and 2099.

1. In standby mode, press    for **Countdown**.
2. You're prompted for a new Countdown timer. Enter a name for your new Countdown timer and press .
3. Enter the target time and date that you wish to Countdown. For example: if today's date is April 1, 2001 and you want to know how many months, days, and hours remain before 7:00 P.M. February 14th 2002, enter the time 07:00 P.M. and the date 02/14/2002.




Note: Press  for A.M and  for P.M.

4. Press  to save the Countdown timer.

Adding or erasing a count down timer

1. In standby mode, press    for **Countdown**.

Countdown timers display in order of the least amount of time remaining until the specified countdown date.

2. Press  to open the options submenu.
3. Toggle  to select between **Add new**, **Erase**, or **Erase All**. Press  to confirm your selection.

Voice dial

Using Voice Dial 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 name.

Tips on recording names

- Avoid recording names that sound similar. If you record a name that sounds similar to one in 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.


Recording (adding) a voice dial entry

Your phone provides voice prompts and screen displays to guide you through the recording process. To program your phone for voice dialing:






1. In standby mode, press    for **Record**.

The phone prompts you to pronounce the name you wish to record.









2. Wait for the beep and then pronounce the name. It's best to use names with at least two syllables, or a first and last name. The phone stores the name as a "first" sample and prompts you to say the name again.

3. 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.
4. Enter the phone number using the keypad. Press  to save the number. The screen returns to the **Voice Dial** menu.




Review voice dialing entries


1. In standby mode, press    for **Review**. A list of stored numbers appears in the display.
2. Toggle  to highlight the desired entry and press  .
The recorded name is pronounced through the earpiece.

Erasing a single voice dialing entry


1. In standby mode, press    for **Review**. A list of stored numbers appears in the display.
2. Toggle  to highlight the entry you wish to erase and press  .
3. While the recorded name is being pronounced through the earpiece, press  .
4. Toggle  to **Yes** and press  . The voice dial entry is erased.

Erasing all voice dialing entries

1. In standby mode, press  to display the **Main menu**.
2. Press  for **Voice Dial**, then press  for **Erase All**.

- At the voice and screen prompt, toggle to **Yes** and press  to erase all of your voice dialing entries.

Placing a call using Voice Dial

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

To activate Voice Dial when you open the flip:


- In standby mode, press    for **Set Active**.
- Select **Talk/Flip** and press .

Sounds

Ringer options




Your phone provides a variety of ringer options through the Sounds menu. These options allow you to customize the way your phone sounds when you receive a call, message, a data or fax call, or when a scheduled event occurs.

Adjusting ringer volume


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

Adjusting ringer volume via the menu

- In standby mode, press    for **Ringer Volume**.
- Toggle  to highlight **Calls, Messages, or Alarms** and press .

3. The ringer volume icon  appears in the display. Press  up or down to change the volume.
4. Press  to save the setting.











Adjusting voice volume

You can adjust the handset volume as well as the (optional) headset volume during a call by using the volume key () , located on left side of the phone.








Ringer Type

You can change the sounds that notify you of incoming voice calls, voicemail notification, messages, data or fax calls, and scheduled events under **Ringer Type** in the Sounds menu.




Change Ringer Type - Voice Calls

1. In standby mode, press    for **Ringer Type**.
 2. Press  to enter the **Voice Calls** sub menu.
 3. Press  for those calls **With Caller ID** or press  for those calls with **No Caller ID**.
 4. Toggle  left or right to select the ringer category (Melodies, Downloaded, and Ring Tones).
- Note: If you haven't downloaded any melodies or ring tones, the "Downloaded" category will be empty.**
5. Toggle  down once to select the **Ringer**.
 6. Toggle  left or right to play the available tones or melodies.
 7. When the desired tone or melody plays, press  to save the setting and exit to the previous menu.






Change Ringer Type - Messages

1. In standby mode, press    for **Ringer Type**.
2. Press  for **Messages**
3. Toggle  to select from **Voicemail** or **Notification** (text messages) and press .
4. Toggle  left or right to select the ringer category (Melodies, Downloaded, and Ring Tones).



Note: If you haven't downloaded any melodies or ring tones, the "Downloaded" category will be empty.


5. Toggle  down once to select the **Ringer**.
6. Toggle  left or right to play the available tones or melodies.
7. When the desired tone or melody plays, press  to save the setting and exit to the previous menu.

Change Ringer Type - Data/Fax In






1. In standby mode, press    for **Ringer Type**.
2. Press  for **Data/Fax In**.
3. Toggle  left or right to select the ringer category (Melodies, Downloaded, and Ring Tones).

Note: If you haven't downloaded any melodies or ring tones, the "Downloaded" category will be empty.




4. Toggle  down once to select the **Ringer**.
5. Toggle  left or right to play the available tones and melodies.

- When the desired tone or melody plays, press  to save the setting and exit to the previous menu.

Change Ringer Type - Schedule







- In standby mode, press    for **Ringer Type**.
- Press  for **Schedule**.
- Toggle  left or right to select the ringer category (Melodies, Downloaded, and Ring Tones).




Note: If you haven't downloaded any melodies or ring tones, the "Downloaded" category will be empty.



- Toggle  down once to select the **Ringer**.
- Toggle  left or right to play the available tones or melodies.
- When the desired tone or melody plays, press  to save the setting and exit to the previous menu.



Alerts

Your phone may beep from time to time. This beep is called an alert beep and can easily be turned on or off.

- In standby mode, press    for **Alerts**.
 - Now, press one of the numbers that follow for the specific alert that you wish to turn on or off. When you're prompted to select **On** or **Off**, use the navigation key  to select your choice and press  to save your setting.
-  for **Minute Beep**: Alerts 10 sec before each elapsed minute to remind you of the current call length

-  for **Service Alert**: Alerts when the phone goes in and out of service coverage areas
-  for **Connect**: Alerts you when your call connects
-  for **Disconnect**: Alerts you when the phone experiences a dropped or failed call






Note: When your phone experiences a failed or dropped call, a text message displays. Press  to clear the prompt and return to standby mode. If the dropped call was an outgoing call from your phone, press  twice to automatically redial the number.

-  for **Fade**: Alerts you when you experience a call which is consistently losing signal strength
-  for **Roam**: Alerts you when you're outside your home network (roaming)

Roam Ringer

Roam Ringer emits a unique ring when you receive a call outside your home service area. This feature is On by default.

To set the Roam Ringer alert on or off:



1. In standby mode, press    for **Roam Ringer**.
2. Toggle  to choose between **Normal** or **Distinctive**.
3. When the desired setting is reached, press  to save.

Key Beep






Key Beep allows you to adjust the volume level generated by the keypad whenever you press a key. The display icon shows up to 8 levels (the loudest setting).

1. In standby mode, press    for **Key Beep**.

The volume icon  ... appears in the display.






2. Toggle  left or right to adjust the level. The beeps increase (or decrease) in volume as you adjust.
3. When the desired level is reached, press  to save the setting.

Tone Length

1. In standby mode, press    for **Tone Length**.
2. Toggle  to select **Long** or **Short** and press  to confirm.

Power On/Off sounds

You can have your phone play a sound when you turn it on and off.

1. In standby mode, press    for **Power On/Off**.
2. Toggle  to **On** or **Off** and press .

Roaming

Roaming on other digital networks

When you're roaming on other digital networks, call quality and security are similar to the quality you receive while on your home network. However, you may be unable to access certain features, such as Wireless Web.

Roaming on analog networks



While roaming on analog networks, some calling features, such as Wireless Web, may be unavailable, you can still make and receive calls. With analog service, you may experience a few differences including:

- You're more likely to experience static, cross-talk, fade-out and dropped calls.
- Some calling features which are standard on your home Network, such as Call Waiting, Wireless Web and direct international dialing, are unavailable.
- There are security and privacy risks, such as eavesdropping and cloning, that exist with conventional analog services today.
- Analog mode consumes more power than digital, therefore your battery drains faster (and needs recharging sooner) when used in analog networks.

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






Display

Display features allow you to customize the appearance of your phone's display as well as other visual features, such as:

- **Menu Style**
 - **Wall Paper**
 - **Greeting**
 - **Backlight**
 - **LCD Contrast**
- To enter the **Display** menu, press   while in standby mode.








Menu style

You can choose the between Camera and Nature for the style of your phone's background.

1. Press    for **Menu Style**.
2. Toggle  up or down to select the background of your choice and press .

Wall Paper

You can choose from a number of images to display as a backgrounds while your phone is in idle, or standby mode.

1. Press    for **Wall Paper**.
2. Press  to browse through local images or  for any images that you may have downloaded while online.
3. Toggle  left or right to browse through available images.
4. Press  to save your changes and exit to the previous menu.








Backlight

The LCD and keypad backlights illuminate your display and keypad whenever you open the flip or press a key. You can set the backlight to shut off after a short period of time, to never come on at all, or to remain illuminated as long as you keep the flip open. The backlight settings for your keypad and LCD can be set independent of each other.

Note: The more you use your backlight, the faster you deplete the battery.


- Press any key or open the flip and the backlight illuminates.


To set the Backlight:

1. In standby mode, press    for **Backlight**.
2. Press  for **LCD** backlight options or  for **Keypad** backlight options.
3. Toggle  up or down to scroll through the following LCD or Keypad backlight options:
 - Flip open** •**30 seconds**
 - 8 seconds** •**Always off**
4. When the desired setting is selected, press  to save your changes.






Greeting

You can create a personalized greeting, which appears in the display while your phone is in standby mode.

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

1. In standby mode, press    for **Greeting**.
2. Press and hold  to erase the existing greeting, if one exists.
3. Enter your new greeting (Up to 14 characters).
4. Press  to save your greeting and return to standby mode.

LCD Contrast


You can set the display contrast for your phone to suit your preference.








1. In standby mode, press    for **LCD Contrast**.
2. Toggle the navigation key () to change the display contrast to your preference.
3. When you're satisfied, press  to save your changes and exit to the previous menu.

Setup/Tool

Setup/Tool allows you to customize the behavior of certain keys, how you answer calls, language settings, and more.

Launch pad






You can setup the navigation key () to function as a shortcut key to certain menus when toggled while your phone is in standby mode.

1. In standby mode, press    for **Launch Pad**.
2. Toggle  to highlight one of the following keys.
 - Up Key
 - Down Key
 - Right Key
 - Left Key
3. Press  to enter the submenu for the key of your choice.
4. Toggle  to highlight the function that you wish the key to perform and press . Your changes are saved.


Auto Answer

With Auto Answer activated, your phone automatically answers incoming calls after a specified period of time. This can be useful while driving. (Auto Answer only works with the Hands-Free Car Kit connected).







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.

1. Press    for **Auto Answer**. The **Auto Answer** screen appears in the display.
2. Toggle  to highlight **Yes** or **No** and press  to save changes.

Call Answer

Call Answer allows you to select how you prefer to answer your phone. You can set your phone to answer when you press , open the flip, or by pressing any key on the keypad.






To set Call Answer:

1. Press    for **Call Answer**. The **Call Answer** screen displays.
2. Toggle  to highlight one of the following options.
 - Any key:** You can answer the call by pressing any key.
 - Talk key:** You can answer the phone by pressing .
 - Flip open:** Opening your phone will answer your call.
3. Press  to save the highlighted option.

Language





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

To change the language:

1. In standby mode, press    to display the **Language** menu.
2. Toggle  to highlight the language of your choice and press  to save.





Set NAM

This setting allows you to associate your mobile identification number (MIN) to your phone's electronic serial number (ESN).

1. Press    for the **Set NAM** menu.
2. Toggle  to highlight **NAM 1** or **NAM 2**.
3. Press  to save.

Set System

You can change system settings on your phone to control roaming preferences.







1. Press    for the **Set System** menu.
2. Toggle  to select from the following options.
 - **Automatic:** Automatically seeks service. When service is unavailable, it searches for an alternative system.
 - **Home Only:** Allows you to select the Home SID network (both Digital and Analog)
 - **Analog:** Allows you to select the Analog network.
 - **AMPS Home: Advanced Mobile Phone Service.** Use this setting when in remote areas. It automatically picks up your home network.

Data/Fax

Your phone is capable of sending and receiving digital data and fax calls when connected to a computing device (laptop, desktop, hand held, palmtop, etc.) running the Windows or Windows NT operating system. Your phone functions similar to a typical modem on your PC, enabling you to use wireless data involving a wide variety of Windows 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 contains the necessary cables, software, and documentation required for you to connect and use your phone with your computing device.

Data/Fax setup

1. In standby mode, press    to display the **Data/Fax** menu.
2. Press . The **Data/Fax In** submenu appears in the display.
3. Toggle  to select **Voice Call**, **Fax Only**, or **Data Only**.
4. Press  to save.
 - **Voice Call:** No incoming Data/Fax calls can be received.
 - **Fax Only:** No Voice Calls can be received.
 - **Data Only:** No voice calls can be received.

Receiving a fax

1. In standby mode, press    to display the **Data/Fax** menu.

2. Press . The **Data/Fax In** submenu appears in the display.
3. Toggle  down to highlight **Fax Only**.
4. Press  to save.

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

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

Ending a fax or data call




Some of the common 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, which returns your phone to standby mode. Disconnecting the data cable or turning off your phone will also end a data or fax call, but it 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

1. In standby mode, press    to display the **Data/Fax** menu.

2. Press . The **Data/Fax In** submenu appears in the display.
3. Toggle  to **Voice Call** and press .
4. “No incoming data/fax calls can be received.” appears in the display.

Security

Your phone provides several security options, including a user-programmable lock code and emergency/secret phone number features. To access the Security menu:

1. In standby mode, press   .
2. Enter the 4-digit lock code (the default lock code is the last 4-digits of your phone number).

Lock Phone



Locking the phone limits all outgoing calls except to emergency numbers 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.

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

3. Toggle  to the option of your choice and press  to save.
 - **Unlocked:** The phone remains unlocked.
 - **Lock Now:** The phone locks immediately and stays locked until the lock code is entered.
 - **On Power-Up:** The phone locks automatically the next time your phone is powered on and stays locked until the lock code is entered.

Unlocking the phone

1. In standby mode, press  or . You're prompted to enter the lock code.
2. Enter the 4-digit lock code and your phone unlocks.






Placing calls in Lock Mode


You can place emergency calls using confidential numbers that you've programmed into memory while in lock mode.

- To call an emergency or confidential number, enter the number and then press .

Changing the 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.







1. Press    for **Security**. Enter your current lock code.
2. Press  for **Change Lock**. The screen prompts you to enter a new lock code.
3. Enter a new, 4-digit lock code via the keypad and press .

4. Re-enter the new lock code and press  again to save the new 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.


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 **Security** menu.
2. Enter your lock code and press .
3. Toggle  to **Yes** or **No** and press  to save your selection.

Special #s

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be manually called at any time even when your phone is locked or restricted. This can be a useful feature for controlling what numbers can be called from your phone.

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










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

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


DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

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

Storing Special Numbers




1. Press    for **Security**. Enter your current lock code.
2. Press  for **Special #**.
3. Press   or  to select from the available empty slots.
4. Enter the special number (up to 32 digits) and press  to save.
5. Press  to exit.






Calling Special Numbers in lock mode

1. Enter the number via the keypad and press  to place the call.

Erase Pbook









Erase Pbook erases the contents of your Phone Book. Personal settings such as Call Log, Messages, and Schedules are unaffected when you erase your Phone Book. Erasing your Phone Book is useful if you want to give your phone to a friend or family member.

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

2. Press  for **Erase Pbook**. A confirmation prompt displays asking if you want to proceed.
3. Toggle  to **Yes** and press  (or select **No** to return to the previous menu). You're asked to confirm the erasure of your Phone Book.
4. Toggle  to **Yes** and press  again (or select **No** to return to the **Security** menu). The contents of your Phone Book are erased.




Erase Contents






Occasionally you may need to free up some space in order to download a game, media, or other downloadable content from your network or the internet.

1. Press    for **Security**. Enter your current lock code.
2. Press  for **Erase Content**. A prompt appears asking if you want to proceed.
3. Toggle  to **Yes** and press  (or select **No** to return to the previous menu). A final prompt appears warning that all content will be erased if you proceed.
4. Toggle  to **Yes** and press  again (or select **No** to return to the **Security** menu). All previously downloaded content is erased.

Reset the phone







Resetting your phone returns all phone settings to their factory default.

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

2. Press  for **Reset Phone**. A confirmation prompt displays asking if you want to proceed.
3. Toggle  to **Yes** and press  (or select **No** to return to the previous menu). You're asked to confirm.
4. Toggle  to **Yes** and press  to reset your phone (or select **No** to return to the **Security** menu).
5. Your phone goes through a power cycle and returns to standby mode.







Set Message Time format

You can set how your phone displays the arrival time of your messages to one of three different formats.

1. Press    for **Security**. Enter your current lock code.
 2. Press  for **Message Time**.
 3. Toggle  to one of the following formats for your message time and press .
- **Local Time:** Indicates the time when the network sent the message to you.
 - **UTC:** Indicates the time the message was received according to UTC, also known as Greenwich Mean Time (GMT).
 - **Time Received:** Indicates the time the message was received according to your phone's local clock.





Location

The network can detect your position/location with this feature set to On. This will make some of your Service Providers applications easier to use.


1. Press    for **Location**. Text info about the **Location** feature appears in the display.
2. Press .
3. Toggle  to select **On** or **Off** and press  to save.

Phone Info

You can view the software/hardware versions running on your phone, your phone's number, and other information.

1. In standby mode, press    to display **Phone Info**. Your phone number, username, hardware and software information, and a legend of icons displays.
2. Toggle  up and down to scroll through the available information.


In-use menu options

Your phone includes both a standby menu and an In-Use menu. Press  to display the In-Use menu while the phone is being used during a call.

- **Mute:** Mutes or (Un)mutes your end of a phone conversation so that the recipient can hear nothing.
- **Call History:** Checks your call log for outgoing, incoming, and missed calls. You can also erase the logs from this menu.
- **Phone Book:**- Accesses the Phone Book menu options.
- **3-Way Call:** Place a call to a third party and conference them into your present call.
- **Messaging:** Accesses the Mail Kit menu options.
- **Calendar:** Accesses the Calendar menu options.
- **Phone Info:** Displays the software and hardware versions being used, as well as other information.

Usage guidelines: all about performance and safety

Understanding Signal Strength

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

Understanding the Power Save Mode

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

Understanding how Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it is turned on, it receives and transmits radio frequency (RF) signals. When your phone is in use, the system handling your call controls the power level. This power can range from 0.6 watts to 0.2 watts in digital mode.

Specifications are Subject to Change

The information contained in this manual is believed to be correct at the time of printing, however, Samsung reserves

the right to change or modify any of the specifications without notice or obligation to update existing units.

Exposure To Radio Frequency Signals

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

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

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

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

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

Body-worn Operation

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

body when transmitting. Use of non-Samsung approved accessories may violate FCC RF exposure guidelines.

Antenna Care

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

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:

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

Operating a Motor Vehicle

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

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

Electronic Devices

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

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

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

Other Medical Devices

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

Turn your phone Off in health care facilities when any regulations posted in these areas instruct you to do so.

Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You

should also consult the manufacturer of any equipment that you add to your vehicle.

Posted Facilities

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

Aircraft

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

Blasting Areas

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

Potentially Explosive Atmospheres

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

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

For Vehicles Equipped with an Air bag

An air bag inflates with tremendous force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag

deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Storing your phone

You must not store or carry your phone, its parts, or accessories in the same compartment or other area where there flammable liquids, gases, or explosive or flammable materials.

Cautions


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

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

Your Phone as a Network Device

Your telephone requires a service provider to send and receive calls. Your phone is only one part of a system or “network” of devices that makes it possible for you to send and receive calls, text messages, voice message, access the Internet using the minibrowser, and to take advantage of all of the other services and features available when your phone is used with your service provider.

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

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

To make all of the features available to you, your phone is designed by Samsung and your service provider to allow your service provider to send (at any time) a variety of information and messages to your phone. You may think of this as an over the air service to your phone. During an over-the-air programming session, your phone may display the following messages:

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

CAUTION: If you turn off your phone during a download, your phone (or some features) may not work properly in the network. If this happens don't worry, contact your service provider for help in correcting the problem.

Acknowledging Special Precautions and Industry Canada Notice

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

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

Information to User

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

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

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

Samsung Phone and Battery Specifications

Dual Band/Tri Mode:CDMA 1.9GHz / CDMA 800 MHz/AMPS 800 MHz

Display Screen:Graphical LCD up to 4 lines w/1 dedicated Icon Line)

Battery Type:Standard: Lithium-Ion

PCS Antenna:Retractable

The Standard battery provides approximately 2.5 hours of continuous digital talk time (1 hour in analog) or approximately 9 days of continuous digital standby time (15 hours in analog).

The extended battery provides approximately 3.3 hours of continuous digital talk time (1.6 hours in analog) or approximately 14 days of continuous digital standby time (20 hours in analog).

Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment.

Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model:

Serial No.:

User Guide Proprietary Notice

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5,710,7845,056,109 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 cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

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

During the applicable warranty period, SAMSUNG will repair or replace at SAMSUNG's sole option, without charge to purchaser, any defective component part of the phone or accessory. To obtain service under this limited warranty, purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable proof of sale showing the date of purchase, the serial number of Product, and the seller's name and address. To obtain information on where to deliver the phone or accessory, call your service provider or Samsung Customer Care at (888) 987-4357. Upon receipt, SAMSUNG will promptly repair the defective product. SAMSUNG may, at SAMSUNG's

sole option, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, or new product. Repaired products will be warranted for a period equal to the remainder of the original limited warranty on the original product or for 90 days, whatever is longer. All replaced parts, components, boards, and equipment becomes the property of SAMSUNG. If SAMSUNG determines that any product is not covered by this limited warranty, purchaser must pay all parts, shipping, and labor charges for the repair or return of said product.

4. What Are the Limits On SAMSUNG's Liability?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR

- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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