

SCH-N370 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's Guide

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

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Introduction to the SCH-N370 phone

Congratulations on the purchase of your SCH-N370 phone. Using the latest digital technology, your new phone operates on the same basis as other wireless phones while providing superior resonance and tone quality.

The SCH-N370 phone is packed with productive features that are easy to use. Here are some of them:

- Operates in 1900 MHz digital CDMA, 800 MHz digital CDMA, and 800 MHz analog networks
- Voice Dialing – 20 Locations
- User friendly display with dedicated icons for signal strength, service, roaming, messages, vibrator, and battery
- 5 Monotone Ring Types, 15 Melody Tones, and 10 Downloadable Ring Tones
- Distinctive ringer types for voice, message, and alarm calls
- Distinctive ringer volumes for voice, message, and alarm calls
- Phone Book Memory – 500 Locations
- Call Logs – 10 Locations each for outgoing, incoming, and missed calls
These 30 Call Log numbers are all easy to redial.
- Internet MiniBrowser
- Pause Dialing for tele-services
- Fast Ringer Mute during Incoming Call
- Alarm clock with programmable alarm
- Last number redial – last 10 Numbers
- One-touch Turbo dialing – 9 Locations
- Two-touch Turbo dialing – 90 Locations
- Three-touch Turbo dialing – 401 Location
- Easily mute the microphone during conversation
- Security features including Call Restriction, Emergency/Secret Number capability, and Lock mode
- Fax and Data capability
- Selectable English/French user interface

How To Use This User Guide

This user guide explains your Samsung SCH-N370 phone operations through easy-to-follow instructions and illustrations.

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

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

Table of Contents

Disclaimer of Warranties; Exclusion of Liability	3
Introduction to the SCH-N370 phone.....	4
How To Use This User Guide	5
Your consumer package.....	17
Front view of the SCH-N370	18
Getting to know your phone.....	19
Antenna.....	19
Backlight features.....	19
Clear key	19
Display screen.....	19
End (power on/off) key.....	20
Headset connector	20
LED indicator	20
Menu key	20
Microphone	20
Numeric keypad	20
OK/Message key	21
Speaker	21
Send key.....	21
Navigation	21
Adaptor outlet	22
Getting Started.....	23
Getting service.....	23
Turning your phone on	23
Turning your phone off	23

Several ways to answer a call.....	24
List of main and sub menus.....	25
Using your phone's menus	28
Accessing menus using the navigation key.....	28
Returning to the previous menu	28
Accessing menus using shortcut numbers	28
Your phone's modes	30
Answer mode	30
Digital mode.....	30
Input mode	30
Lock mode	30
Power save mode	30
Silent mode	31
Standby mode.....	31
Talk mode.....	32
Whisper mode.....	32
Vibrate mode.....	32
The top line of the display screen.....	33
Other phone icons.....	35
Using the battery.....	36
Installing the battery.....	36
Removing the battery.....	36
Charging the battery	37
Low battery indicator.....	37
The empty battery icon	37
Caring for the battery	38
Protecting your battery.....	38
Disposal of Lithium Ion (Li-Ion) batteries.....	38

Using the travel adaptor 39

Calls..... 40

Outgoing 40

Incoming..... 40

Missed..... 41

Erase log 41

Call waiting..... 43

Caller I.D..... 43

Three way calling 44

Air time 44

Last call..... 45

Total..... 45

LifeTime 45

Erase total 46

Phone Book 47

Add entry..... 47

Editing phone book numbers 50

Adding and changing a ring type..... 51

Find name 52

Find entry..... 53

Relation search 54

Setting auto answer 54

Adding an e-mail address 55

Editing an existing e-mail address 56

Adding an e-mail address to an existing phone book entry... 57

Adding pauses 58

Storing pauses in a phone book entry..... 59

Pause dialing from a stored entry 60

Manual pause calling.....	60
Accessing your phone book during a conversation.....	60
Prepending a phone number.....	61
Erasing individual phone book entries	61
Erasing your phone book.....	62
Adding a name ringer to your phone book entry	62
Setting speed dial	63
Storing incoming phone numbers at the end of a call.....	64
Storing phone numbers from call logs.....	65
Shortcuts to storing phone numbers.....	65
Calling numbers from the phone book.....	65
One-touch dialing.....	65
Two-touch dialing	66
Three-touch dialing.....	66
Shortcuts to memory dialing.....	66
Web/Minibrowser	67
A shortcut to launching the Web.....	67
Launching the minibrowser.....	67
Exiting the web/minibrowser.....	68
The minibrowser start and end prompts.....	69
The minibrowser soft keys.....	69
Navigating the web.....	69
How the minibrowser works	70
Direct WAP download.....	71
Using links	73
Making a phone call while using the minibrowser.....	73
Scheduler	74
Information features.....	74

How to access information features	74
Scheduler	74
Today	74
How to schedule an event	75
How to add, edit, or erase an event	75
View month	76
How to view an event	76
Jump to date	76
Using jump to date	77
To do list	77
Creating a to do list item	77
How to view, edit, add or erase a to do list item	77
Count down	77
How to view, edit, add or erase a count down timer	78
World time	78
Checking current time world wide	79
Calculator	79
To perform a calculation	79
Alarm	80
Sounds	82
Ringer options	82
Adjusting ringer volume (rapidly)	82
Adjusting voice volume during a call	82
Ringer volume	82
Ringer type	83
Ringer type — Delete WAP download	85

Key beep.....	85
Alerts.....	86
Roam Ringer	88
Power on/off	88
Display	90
Backlight.....	90
Banner	91
Animation.....	91
My phone #	92
Language.....	92
Set time	92
Auto hyphen	93
Version.....	93
Menu Style.....	94
Voice dial.....	95
Tips on recording names.....	95
Record	95
Review.....	96
Erase all	97
Set active	97
Games.....	98
Flying tight.....	98
Run for money	99
Racing.....	100
Setup	101
Auto retry	101
Auto answer	101
Answer mode	101

Tone length	102
Set System	102
Data/fax.....	103
Key Guard.....	105
Set Data Rate	105
Mail Kit.....	106
Mobile Originating	
SMS text messaging	106
Creating SMS Text Messages	106
Entering text, numbers, and/or symbols	107
Alphabetical text entry	108
Entering numbers.....	109
Symbol entry	109
T9® Word text entry.....	109
New messages	110
Voice.....	111
Responding to a Message	111
Inbox	111
Outbox	111
Filed message.....	114
Web Alert	115
Erase message.....	115
Message setup	116
Receiving a message in standby mode	118
Receiving a message while on a call	118
Reviewing voice mails and text messages.....	119
Reviewing stored voicemail and text messages in standby mode.....	120

Message options.....	121
Security.....	122
Lock mode	122
Restricting the use of your phone	124
Lock code	124
Emergency #'s.....	125
MSG TIME.....	126
Clear MEM	127
Resetting your phone.....	127
In-Use Menu	128
Usage guidelines:	
all about performance and safety	129
Understanding Signal Strength.....	129
Understanding the Power Save Mode.....	129
Understanding how Your Phone Operates	129
Specifications are Subject to Change.....	129
Exposure To Radio Frequency Signals	130
Body-worn Operation.....	130
Antenna Care.....	130
Phone Operation	131
Tips on Efficient Operation.....	131
Operating a Motor Vehicle.....	131
Electronic Devices.....	131
Aircraft.....	132
Blasting Areas.....	133
Potentially Explosive Atmospheres.....	133
For Vehicles Equipped with an Air bag	133
Storing your phone.....	134

Cautions	134
Your Phone as a Network Device	135
Acknowledging Special Precautions and Industry Canada Notice	137
Samsung Phone and Battery Specifications	138
Samsung Phone with Standard Battery	138
Owner's Record	138
User Guide Proprietary Notice	138
Limited Warranty	140
Index	145

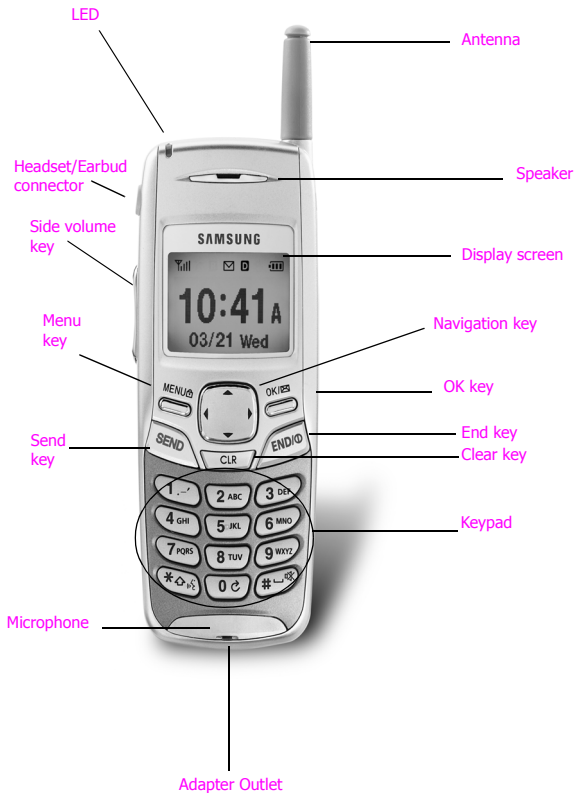
Your consumer package

Your consumer package contains the following items:

- Samsung SCH-N370 phone with hand strap
- Samsung Standard Li-Ion battery
- Samsung travel adaptor
- User guide



Front view of the SCH-N370



Getting to know your phone


Antenna





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

Backlight features

Your keypad has backlighting for easy visibility. For further information on this feature see “Backlight” on page 90.

Clear key

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

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


Display screen




The display screen comprises of two areas, an upper line of stationary icons, and the lower text and graphic area.

- The top line of icons shown on the liquid crystal display (LCD), appear according to the phone's operating mode. For further information see “Turning your phone on” on page 23.

- The lower area of the LCD displays in-use information, for example, the calling party's name and number, the call timer, Mute and Call Waiting, menus, sub menus, etc.

End (power on/off) key

This  key is utilized in several ways:

- Press and hold  to turn on your phone.
- Press and hold  to turn off your phone.
- Press  once to disconnect a call, return to standby mode, or cancel any input.

Headset connector

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


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

LED indicator

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

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

Menu key

Press  to enter the menu selection.



Microphone

The microphone is used for conversation and recording.

Numeric keypad

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


OK/Message key




The  key stores information that you enter, and also acts as an “OK” button when pressed. When in standby mode,  functions as a Mail Kit menu access key to send messages and review received messages.

Speaker


The speaker is for listening to voice conversations.

Send key

The  key performs several useful functions:

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

Navigation

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

When in standby mode the navigation key can act as a hot key:

- Press the left arrow to access your **Calendar**.
- Press the right arrow to access the **WEB**.
- Press the up or down arrow to access numbers in your **Phone Book**.

Adaptor outlet

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


- To charge your battery, plug the travel adaptor that is supplied with your phone into a wall outlet.
- Using your thumb and first finger, gently squeeze the two buttons located on either side of the other end of the travel adaptor and insert the adaptor into your phone's outlet. The yellow arrow on the travel adaptor should be facing upwards and pointing toward the phone.
- When you unplug the travel adaptor from your phone, squeeze these same two buttons, and pull gently on the adaptor to disconnect it from the phone.

Getting Started

Getting service


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

Turning your phone on


When you are ready to turn your phone on, fully extend the antenna for the clearest reception. Press . Continue to hold this key down for more than one second to power the phone on:


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.

The LED indicator momentarily lights, and a power-up alert sounds. The phone begins searching for a network signal. When a signal is found, the date, day, and time appears. Your phone is now ready to place and receive calls.


If the phone is outside of your carriers coverage or roaming area, the  icon displays. If this happens you cannot place or receive calls. You must try later when service becomes available. For further information see “The top line of the display screen” on page 33

Turning your phone off


To turn your phone off, press and hold  for more than two seconds. Notice that when the phone is turned off, both the display screen and the backlight remain off.

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

Several ways to answer a call

When you receive a call, the phone will ring and the phone icon  displays on your screen. If the caller can be identified, the caller's phone number, (or name if pre-stored in your Phone Book) displays. If the caller cannot be identified, only the phone icon and "Call from Unavailable No" is displayed. For further information see "Answer mode" on page 101.

There are several ways to answer an incoming call.

- **Press**  .
- **Press any key.**
- **Set the Auto Answer feature.**

With the Auto Answer feature you can turn enable your phone to automatically answer a call after the ringer sounds by selecting:

- **off**
- **after 1 sec.**
- **after 3 sec.**
- **after 5 sec.**

(For further information see "Setting auto answer" on page 54.)

List of main and sub menus

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

1:Calls

- 1:Outgoing
 - 2:Incoming
 - 3:Missed
 - 4:Erase Logs
 - 5:Air Time
- Outgoing/Incoming/Missed/All

2:Phone Book

- 1:Find Name
- 2:Add Entry
- 3:Find Entry
- 4:RelationSrch
- 5:Add E-mail

3:Web

- 1:Start Browser
 - 2:Prompt
- None/To Start/To End/Both

4:Scheduler

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

5:Sounds

- 1:Ringer Vol
 - 1:Calls
 - 2:Alarm
 - 2:Ringer Type
 - 1:Voice Calls
 - 2:Alarm
 - 3:Data/Fax In
 - 4:Schedule
 - 5>Delete
 - 3:Key Beep
 - 4:Alerts
 - 1:Minute Beep
 - 2:Service
 - 3:Connect
 - 4:Disconnect
 - 5:Fade
 - 6:Roam
 - 5:Voice Volume
 - 6:Roam Ringer
 - 7:Power On/Off
- On/Off
On/Off
On/Off
On/Off
On/Off
On/Off
On/Off
On/Off

6:Display

- 1:Backlight
 - 2:Banner
 - 3:Animation
- Always Off/7 Seconds/15Seconds/30 Seconds
Power On/Power Off/Idle Mode/Delete

	4:My Phone #	
	5:Language	English/French
	6:Set Time	
	7:Auto Hyphen	On/Off
	8:Version	
	9:Menu Style	Horizontal/Vertical
7:Voice Dial		
	1:Record	
	2:Review	
	3:Erase All	
	4:Set Active	*Only/*Earphone
8:Games		
	1:Flying Tight	
	2:Run for Money	
	3:Racing	
9:Set Up		
	1:Auto Retry	off/every 10 seconds/every 30 seconds/every 60 seconds
	2:Auto Answer	off/after 1 sec/after 3 sec/after 5 sec
	3:Answer Mode	By any key/By send key
	4:Tone Length	Long/normal
	5:Set NAM	NAM 1/NAM 2
	6:Set System	Automatic/Home only/Analog only/AMPSHome only
	7:Data/Fax	data-fax off/fax for next call/fax until powered off/ data for next call/data until powered off
	8:Whisper Mode	On/Off
	9:AutoKeyGuard	On/Off
	0:Set Data Rate	Automatic/Standard
0:Security		
	1:Lock Mode	Never/On power up/Now
	2:Restrict	No/yes
	3:Lock code	
	4:Emergency #	
	1:911	
	2:*911	
	3:#911	
	5:MSG TIME	Local Time/UTC/Time Received
	6:Clear MEM	Proceed
	7:Reset Phone	Proceed
Mail Kit		
	1:New Messages	
	1:Send To	PhoneBook/T9 Word/ABC/Symbol/123
	2:Message	T9 Word/ABC/Symbol/123/canned
	3:Call Back	
	4:Options	Priority/Validity/Send Later/Delivery Ack/ Message
	5:Action	SEND:Send Msg/OK:File Msg/CLR:Cancel/ END:Quit
	2:Voice	
	3:Inbox	
	4:Outbox	
	5:Filed Msg	
	6:WebAlert	
	7:Erase Msg	
	1:Voice	
	2:OldInbox	
	3:NewInbox	

- 4:Outbox
- 5:Filed
- 6:All Messages
- 8:Msg Setup
 - 1:General
 - 1:Scroll Timer 1/2/3/4/5 seconds/Off
 - 2:Msg. Reminder Every 2 min/Off/Once
 - 3:MessageVolume
 - 4:Ringer Type
 - 1:Voice Mail
 - 2:Page
 - 3:Text
 - 4:Web Alert
 - 5: Voice Mail#
 - 2:New Message
 - 1:Callback #
 - 2:Save Message Auto Save/Prompt Save/Do Not Save
 - 3:Entry Method T9/Alphabet
 - 4:Delivery Ack On/Off
 - 5:Canned Msg.
 - 0:Yes
 - 1:No
 - 2:Call me
 - 3:Need directions
 - 4:Where are you?
 - 5:Will call later
 - 6:Busy
 - 7:On my way
 - 8:Will arrive in 15 minutes
 - 9:Thank you

In-Use Menu (Can be opened only when on a call)



- 1:Mute/Quit
- 2:Calls Outgoing/Incoming/Missed/Erase Logs/Air Time
- 3:Phone Book Find Name/Add Entry/Find Entry/RelationSrch/Add E-mail
- 4:Silent/Quit
- 5:Send Tel #
- 6:My Phone #
- 7:Version
- 8:Send DTMF

Using your phone's menus

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



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

Accessing menus using the navigation key

Menu options are numbered but can also be accessed by using the navigation key. Press the  on the arrow in the direction which you wish to go. Press right to go to the right, press down to go forward, press left to go left, and press up to go backwards through the menu options. When your objective is reached, press  to save or activate.

Returning to the previous menu





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

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


Accessing menus using shortcut numbers


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

The following steps are a sample exercise for setting the **Connect** tone.

1. In standby mode, press  to access the main menu.
2. Press  for **Sounds**.
3. Press  for **Alerts**.
4. Press  for **Connect**.

5. Press  to highlight ***On**.

6. Press  to save.

Note: To reset the Connect tone. Press  to highlight **Off**. For further details, see “List of main and sub menus” on page 25 for numbers assigned to each menu and sub menu item.

Your phone's modes

Answer mode

With this option activated, your phone will allow you to select a specific mode when you receive an incoming call. For further information see “Several ways to answer a call” on page 24.

Digital mode

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

Input mode

Use input mode to enter text, numbers and symbols into various screens. For further information see “Entering text, numbers, and/or symbols” on page 107.

Lock mode



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

Power save mode

Your phone comes with a power save feature that automatically activates if your phone is unable to find a signal after 15 minutes of searching. While this feature is active, the phone's battery charge is conserved. The phone automatically rechecks periodically for a signal. To manually force the phone to recheck for a signal, press any key. A message on the display screen will inform you when your phone is operating in the power save mode.

Silent mode


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

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

Standby mode

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



Your phone goes into standby mode:


1. After you power it on.
2. When you press  if your phone is on.

When in standby mode, you will see:


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

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

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

Messages can also be received when in standby mode, the alert tone will sound (unless turned off), when a new message is received. The menu is accessed when you are in standby mode by pressing . For further details see “List of main and sub menus” on page 25 for a listing of the menu items.




Talk mode

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

Whisper mode




With this feature you can have semi-private conversations. You don't have to speak loudly. When this feature is active you can actually whisper during any conversation.

To activate whisper mode:


1. Press    .
2. Use the navigation key to highlight yes or no.

Vibrate mode

In standby mode:

1. Press the down arrow located on the left side of your phone to adjust the ringer volume to  . Your options include **vibrate**, **beep**, and **off** modes.
2. When your phone vibrates, press  to save. (The vibrate icon  appears on the display.)

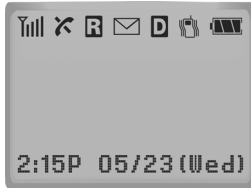
To change the setting:

1. Press the down arrow located on the left side of your phone to adjust the ringer volume.
2. Press  to save. The vibrate icon will be deleted from the display screen.

The top line of the display screen

Display indicators (or icons) appear across the top of your phone's display screen. The signal strength and battery strength icons will always appear, but other icons display based upon your phone's operating mode.

Note: The following illustration of the screen display may not reflect the order in which icons, as well as other information, appear on your phone.



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



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



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

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



Roaming: This icon displays when your phone is outside your service provider's area and your phone is receiving service from another carrier's network.

If you are:

- In your home service area, this indicator will not display.
- In a preferred analog or digital networking area (where your service provider has a roaming agreement in place), this indicator will be on, but not flashing.
- In an analog or digital area that is not covered by your phone's own service provider, this indicator will be on.



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



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



Vibrate mode: This icon indicates that an incoming call will make the phone vibrate rather than ring. This feature can be used for situations where your ringer will not disturb others, or for "loud" situations where you will be unable to hear the ringer.



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



Campus PRL: This icon displays when you are in a wireless campus zone.



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

Other phone icons



Duplicate: This icon indicates that a duplicate message was sent.



E-mail: This icon represents an e-mail address.



Fax: This icon represents a fax number.



Filed Message: This icon displays if a message is filed.



Home: This icon indicates represents an individual's home number.



Message: Icon displays when outgoing messages are transmitted.



Message read: This icon displays when you have read a message.



Message received: This icon indicates that an incoming text, voicemail, page or browser message has been received.



Mobile: This icon represents a mobile phone number.



Multi: This icon displays if multi messages are successfully delivered.



No label: This icon indicates that no label exists for this entry.



Office: This icon represents an office number.



Pager: This icon represents a pager number.



Send Delivered: This icon displays if a sent message is delivered.



Send Failed: This icon displays if a message failed to be sent.



Speed dial: This icon displays when the number you wish to call is available using the speed dial feature.



Urgent: This icon displays if a message is urgent.

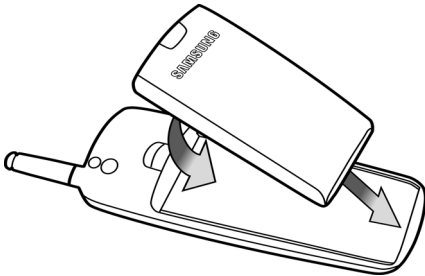
Using the battery

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

Installing the battery


The battery attaches to the phone very easily:

1. Gently place the bottom end of the battery into the provided slots on the underside of the phone.
2. Press the top end of the battery down. (The top end of the battery displays the word Samsung in raised letters.) until you hear it click into place.



Removing the battery

To remove the battery from your phone:


1. Turn the phone off (by pressing and holding  until the closing animation begins.)
2. Push the catch button (located on your phone at the top of the battery) up. The battery will easily lift out, or fall away from the phone.

Charging the battery


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

When the phone has finished charging it can be disconnected.

Low battery indicator

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

The empty battery icon

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

Caring for the battery

Protecting your battery

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

- Use only Samsung-approved batteries and adaptors. These adaptors are designed to maximize battery life. Using other batteries or adaptors could void your warranty and may cause damage.
- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the battery adaptor in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time.
- It's best to follow these storage rules:
 - Less than one month: 4° F to 140° F (-20° C to 60° C)
 - More than one month: 4° F to 113° F (-20° C to 45° C)

Disposal of Lithium Ion (Li-Ion) batteries

For safe disposal options of your Li-Ion batteries, contact your nearest Samsung Authorized Service Center.

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

Using the travel adaptor

The travel adaptor allows you to charge your phone's battery from any 110 volt AC standard wall outlet. Also, using the travel adaptor allows you to make a phone call while the battery is charging. The travel adaptor will fully charge an "empty" standard battery in approximately 4 hours, and an "empty" standard battery in about 6 hours.


Follow these steps:


1. With the battery in position in the phone, attach the cord from the travel adaptor by plugging it into the adaptor outlet at the bottom of the phone.
2. Connect the adaptor to a standard 110 volt AC wall outlet. The battery will begin charging immediately, and the LED (located at the top of your phone) will light and remain red while the battery icon animates, the icon will remain animated, even if the phone is turned off during charging.
3. The LED indicates the status of the battery being charged.
 - **Red** (solid) indicates that the battery is charging.
 - **Green** (solid) indicates that the battery is fully charged.
 - **Orange** (solid) indicates (1) the battery is not seated correctly in the phone, (2) the adaptor is not plugged in correctly, or (3) the battery is inoperable. Please check the adaptor and/or battery.
4. Make a phone call at your convenience when the phone is plugged into the travel adaptor. The adaptor will continue to charge the battery even when you are making the call.

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

Calls

Outgoing

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

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

A record of the last 10 calls made is stored to the “Outgoing” call log list.

Incoming

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

- The backlight illuminates.
- The red LED indicator flashes.
- The ringer sounds (unless you have set the ringer to vibrate or off.)

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

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



Your phone provides the following voice call notification features.

- Eight ring volume settings including vibrate or off.
- Ten downloadable ring tones, five ring types, and fifteen melody tones (see “Ringer type” on page 83).
- Name display with Caller ID. (If the caller’s name is programmed into your Phone Book.)
- Automatic storage of an incoming call’s information to a call log. (The last 10 calls you answered are stored in an “Incoming” call log list and the last 10 calls you missed are stored in a “Missed” call log list).

Missed







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

Your phone has two convenient options for when you have missed a call:

- Press  to call the displayed number. (To view a call log of your missed calls, see “Reviewing outgoing, incoming, or missed calls” on page 41.)
- Press  to clear the “Missed Call” message from the display.











Erase log

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

1. In standby mode, press  to display the main menu.
2. Press  for the **Calls** menu.
3. Press  for **Erase Log**. The available options are:
 - **Outgoing**
 - **Incoming**
 - **Missed**
 - **All**
4. Press  up or down. Highlight **All**.
5. Press  to erase all your call directories.
6. Press  to cancel the action and return to the previous menu.

Reviewing outgoing, incoming, or missed calls

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

1. In standby mode, press  to display the main menu.
2. Press  for **Calls**.
 - Press the number associated with the call log to select an option:
 - Press  for **Outgoing** calls.
 - Press  for **Incoming** calls.
 - Press  for **Missed** calls.
3. When that call log option displays, press  up or down to locate the call information you require. If there is a Phone Book match, the name displays. If there is no Phone Book match, only the phone number will display.
4. When an individual call log is highlighted:
 - Press  to be connected to that party.
 - Press  to review all the available call information (name and phone number [if available] and time/date stamp.)
 - Press  for further options (**Talk** to call the number, **Save** to store the number to your **Phone Book**, or **Prepend** to prepend the number).
5. Press  to exit the call log, and return to the previous screen.

Keeping track of call activity

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






Your phone retains these three call directories in memory:

- **Outgoing:** The last 10 calls placed from your phone.
- **Incoming:** The last 10 calls placed to your phone.
- **Missed:** The last 10 calls placed to your phone that you did not answer.

Each entry, or call log contains the name and/or (if available), phone number and a time/date stamp.



In addition to the Incoming, Outgoing, and Missed call directories, your phone maintains an air time log. For further information see “Air time” on page 44.


Viewing call logs during a conversation

1. Press  to display the In-Use menu.
2. Press  for Calls.
3. Press  to highlight an option. The available options are:
 - **Outgoing**
 - **Incoming**
 - **Missed**
 - **Erase Logs**
 - **Air Time**
4. Press  to open the log of choice, or press  to cancel, and return to the previous screen.

Call waiting

Your phone beeps when another call is coming in. To answer this call:

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


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

Caller I.D.

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

To activate call block:





1. Press   

2. Enter the phone number and press 

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

Three way calling

To place a three way call:







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

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

Air time






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

You can view this time from standby mode:

1. In standby mode, press  to display the main menu.
2. Press  for **Calls**.
3. Press  for **Air Time**.
4. Press  to highlight an option. The available options are:
 - **Last Call**
 - **Total**
 - **LifeTime**
 - **Erase Total**
5. Press  to open an option, or press  to cancel, and return to the previous screen.





Last call

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


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

Total

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

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





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

5. Press  to return to the previous display screen.


LifeTime

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

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

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








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

5. Press  to return to the previous display screen.

Erase total

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

To erase your total air time.



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

Phone Book

Your phone permits you to store up to 500 numbers and names in the Phone Book. Each entry can have up to 7 associated phone numbers and one e-mail address. Each entry can contain up to 32 digits including hard pauses, with an associated name of up to 12 characters. (Name entry is optional) Stored phone numbers can be placed into one of seven categories - Speed dial, Home, Office, Mobile, Pager, Fax and No label. You can even specify the memory location of your choice for each entry. Memory locations can be marked “Secret” preventing the unauthorized from viewing the telephone number.

One-Touch, Two-Touch, and Three-Touch Dialing from your Phone Book makes it easy to call a phone number stored in your Phone Book. See “Shortcuts to memory dialing” on page 66.

To access your Phone Book

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

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

Add entry








This menu allows you to add a phone number to your Phone Book. As the exercise progresses you will learn how to add further entries including a Name, Category, Relation, and Ringtype, together with the ability to generate an entry location number, and make a number secret.

Here are a list of the Phone Book options:

- **Number:** Telephone number.
- **Name:** Name associated to a telephone number.
- **Entry:** The memory location number which is allocated to the name in the list of names and numbers that you created.
- **Secret:** This field allows you to designate a number “secret”.





- **Category:** A “category” label is associated with each phone number. For example: **Speed Dial, Home, Mobile, Office, Pager, Fax, and No Label.**
- **Relation:** A “relationship” label is associated with a group associated to a number. For example: **No Group, Friend, Family, Colleague** and **VIP.**
- **Ringtype:** This field allows you to set a distinctive ring type for the entry.

With the phone in standby mode:

1. Press  for the main menu.
2. Press  for **Phone Book.**
3. Press  for **Add Entry.** The **Phone Book** display screen prompts **New Entry?.**
4. Press . The prompt changes to **Add Entry.** Enter the phone number. (Up to 32 digits can be entered.) For pause options press . For further details on pause calling, see “Adding pauses” on page 58.
5. Press  to save the entry. The **Phone Book** (Information) screen displays.
6. Press  to highlight one of the following fields:
 - **Phone Book**
 - **Name**
 - **Entry**
 - **Secret**
 - **Category**
 - **Relation**
 - **Ring Type**





Adding a name

To add a name to the Phone Book:

1. At the Phone Book (information) screen, press  to highlight Name.
2. Press  , the **Enter name** screen displays. Enter a name.
3. Press  to save and display the information in the **Name** field on the **Phone Book** (information) screen.
4. Press  again to save your entry.

Setting secret



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

1. From the **Phone Book** (information) screen, press  to highlight **Secret**.
2. Press  .
3. Press  to highlight the **On** (secret) or **Off** (cancel) option.
4. Press  to save your entry.

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

Adding a relation label



To add a “relationship” label associated with a group, which is associated with a number in the Phone Book.

1. From the **Phone Book** (information) screen, press  to highlight **Relation**.
2. Press  , the **Relation** menu screen displays. The following options display:

- **Relation**
- **Friend**
- **Family**

• **Colleague**









• **VIP**




3. Highlight an option and press  to save and display the information in the **Relation** field on the **Phone Book** (information) screen.
4. Press  again to save your entry.




Editing phone book numbers


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

To change a Phone Book entry:

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




Note: If the number is designated as “Secret” you are prompted to enter your 4-digit Lock Code. Once entered, press  to locate the Secret option, and press . Use the navigation key to highlight Off and press . The Phone Book (information) screen now displays **Secret Off**.

8. Press  to edit the selected field.
9. Incorporate your changes to the selected field and press .
10. Press  again to save your changes.

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





Adding and changing a ring type

To set a distinctive ring type to a Phone Book entry:

1. At the **Phone Book** (information) screen press  to highlight **RingType**.
2. Press , the **RingType** screen displays. Use the navigation key to highlight an option. The options show: Inactive, 5 monotone ringers, and 15 melodies.
3. Press  to save and display the information in the **RingType** field on the **Phone Book** (Information) screen.






Overwriting a category

The Category field is automatically filled and designated Speed dial when an Entry number is generated by the phone. You may wish to change this phone generated Category label to one of the following: Home, Mobile, Office, Pager, Fax, or No label, with Speed Dial remaining the default option.

1. At the **Phone Book** (information) screen,  to highlight **Category**.
2. Press , the **Category** screen displays. The options are:
 - **Speed dial**
 - **Home**
 - **Mobile**
 - **Office**
 - **Pager**
 - **Fax**
 - **No label**
3. Press  to save and display the new **Category** label on the **Phone Book** (information) screen.
4. Press  again to save your entry.







Overwriting existing name and number information


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



1. At the **Phone Book** (information) screen, press the  arrow repeatedly to locate and highlight an existing name or number field that needs the information changed. When highlighted, press .
2. The name or number will be displayed. To overwrite, hold down , until you clear the existing name or number. Enter new information.
3. Press  to save. The new information will be displayed.
4. Press  again to save your entry.


Find name

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

1. In standby mode, press  to display the main menu.
2. Press  for **Phone Book**.
3. Press  for **Find Name**. (For quicker access to the entry can also press the key associated with the first character of the name you wish to find.)
4. Press  to highlight the name.
5. Press  to select the name. The display screen shows the phone number and E-mail address (if available) associated with the name.
6. Press  to place the call.








With an entry selected, press  to access any of the following options:

- **Talk:** Pressing  or  calls the number.
- **Add #:** Permits the adding of a phone number.

- **Edit:** Permits editing of the phone number, name, entry number, category, secret number, relation and ring type.
 - **Prepend:** Allows you to prepend a number to either a feature code or area code before calling.
 - **Erase:** Erases the number.
 - **Name Ring:** Permits you to select a unique tone to identify an incoming caller.
 - **E-mail addr:** Permits you to add an E-mail address.
7. Pressing  returns you to the previous screen.

Find entry







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

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



Note: If no name is associated with the number, the **Name Label** shows **No Name**

Relation search

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

1. In standby mode, press  to display the main menu.
2. Press  for the **Phone Book**.
3. Press  for **Relation**.
4. Press  left or right to review the **Relation** groups displayed at the bottom of the screen and see associated names mid screen.
5. Press  down to highlight a specific entry.
6. Press  to select the entry from the group. The entry information is displayed with the phone number highlighted.

Note: If the phone number is designated “secret” the number will not display on the standby screen when called.





7. Press  to call the number, or press  to return to the previous display screen

Setting auto answer

With this option activated, your phone will automatically answer calls after the specified number of seconds. This options is useful when driving.



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

To enable Auto Answer.

1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Auto Answer**. The **Auto Answer** screen displays.
4. Press  to highlight an option. The available options are:





- off
- after 1 sec
- after 3 sec

• **after 5 sec**


5. Press  to save.
6. Pressing  returns you to the previous screen.

Adding an e-mail address

Use this method to add a new e-mail address to an entry in the Phone Book.

1. In standby mode, press  to display the main menu.
2. Press  for **Phone Book**.
3. Press  for **Add E-mail**. The **Phone Book** screen displays the highlighted words **New Entry?**
4. Press .
5. The **E-mail Addr** blank screen displays together with **MENU:Options**.

Note: Choosing **MENU:Options** allows you to select from entry modes: **T9 Word, ABC, Symbol** and **123**. For further information on these entry modes see “Entering text, numbers, and/or symbols” on page 107.








6. Begin entering the e-mail address using the keypad. You can enter up to 48 characters.
7. Press  to save. The **Phone Book** (information) screen displays the newly entered e-mail address.

Note: For detailed information on how to complete the Name, Entry, Secret, Category, Relation, and Ring Type fields refer to the following sections:

- “Adding a name” on page 49
- “Add entry” on page 47
- “Adding a relation label” on page 49
- “Editing phone book numbers” on page 50
- “Storing emergency numbers” on page 125









Editing an existing e-mail address

Use this method to edit an existing e-mail address.

1. In standby mode, press  to display the main menu.
2. Press  for **Phone Book**.
3. Press  for **Find Entry**. The **Phone Book** displays.
4. Press  to highlight the entry and press  .
5. Press , and select the **Edit** option. The Phone Book (information) screen displays. Edit the existing E-mail address using the methods described under “Adding an e-mail address” on page 55
6. Press  to save.

Adding an e-mail address to an existing phone book entry

You can add an E-mail address to an existing entry in the Phone Book, your phone can then send a message via the network service provider to the e-mail address.

1. In standby mode, press  to display the main menu.
2. Press  for the **Phone Book**.
3. Press  for **Add E-mail**. The **Phone Book** (information) screen displays with the entries found under **Find Entry**.
4. Press  to highlight the name requiring the E-mail address.
5. Press  to open. The **E-mail addr** entry screen displays.
6. Press  for the options menu and select from entry modes. For further information see “Adding an e-mail address” on page 55.
7. Enter the E-mail address. You can enter up to 48 characters.
8. Press  to save. The **Phone Book** (information) screen displays showing the newly added E-mail address.
9. Press  again to save your entry.

Adding pauses

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





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

Your phone has 2 pause calling methods: pause calling from the Phone Book (see “Manual pause calling” on page 60), and manual pause calling (see “Manual pause calling” on page 60).

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


Storing pauses in a phone book entry

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

1. Enter the phone number you want to store (such as the bank's teleservice phone number).
2. Press  . The pause menu options display.
3. Press  to highlight one of the three pause menu options offered.
4. Press  to select an option.
 - **"P" Pause:** The letter "P" displays within the number, meaning that a hard pause will occur at that point in the calling sequence. Enter the digits that need to follow the pause (such as your account number).
 - **"T" pause:** The letter "T" displays in the number, meaning that a "Timed" (2 second) pause will occur at that point in the calling sequence. Enter the digits that need to follow the pause (such as your account number).
 - **Hyphen:** Places a hyphen between characters.
5. When the number and pauses are complete, press  to store the number in your **Phone Book**.

Pause dialing from a stored entry





To pause dial from the Phone Book:

1. If you stored the number using (2 second) “T” pause(s) , simply call the number from the Phone Book.
2. If you stored the number using (hard) “P” pause(s), call the number from the **Phone Book** and wait for the appropriate prompt from the number you are calling (credit card number, bank account number, etc.).
3. Press  to call the number.

Manual pause calling

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



For pause information see “Storing pauses in a phone book entry” on page 59.

1. Enter the phone number of the service you want to call (such as a bank’s teleservice phone number). For example, your bank’s teleservice phone number might be an 800 number. Begin by entering the number 1.
2. Press  to display the pause **Menu** options. Press  to locate the pause option of choice and press  to activate. Continue in this manner until you enter the complete number with pause(s).
3. Press  to call the number.

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

Accessing your phone book during a conversation





To access your phone book during a conversation:

1. Press  to display the **In-Use** menu.
2. Press  for **Phone Book**.
3. Use your keypad to enter the number associated with the **Phone Book** menu option to locate the information required.






Prepending a phone number

The Prepend option permits you to add prefix numbers such as area codes and network feature activation codes to phone numbers that are already stored in your Phone Book or call log.

To Prepend a stored phone number:








1. In standby mode, press  to display the main menu.
2. Press  for **Phone Book**.
3. Press  for **Find Name**, or  for **Find Entry**.

Note: **Find Name** searches the **Phone Book** entries alphabetically, and **Find Entry** searches the **Phone Book** entries numerically.

4. Press .
5. Press  to display **Menu** options.
6. Use the  arrows to locate the **Prepend** option.
7. Press .
8. Use the keypad to prepend the number (which cannot be longer than 10 digits.)
9. Press  to place the call.






Erasing individual phone book entries

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

1. In standby mode, press  to display the main menu.
2. Press  for **Phone Book**.
3. Press  for **Find Name** or  for **Find Entry**.
4. Press  to highlight the information and press .
5. Press  to display the following menu options:






- **Talk**
- **Add #**

- **Edit**
- **Prepend**
- **Erase**
- **Name Ring**
- **E-mail addr.**

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

Erasing your phone book










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

1. In standby mode, press  to display the main menu.
2. Press  for **Security**. Enter your current 4-digit lock code.
3. Press  for **Clear MEM**. A confirmation message displays asking if you still want to “**Proceed**”.
4. Press  to continue and erase the **Phone Book entirely**, or press  to cancel the operation. The message “**Erasing Phone Book and Voice Dial**” displays while the operation is under way. The phone then returns to standby mode.

Adding a name ringer to your phone book entry











You can associate one of several different ring tones to numbers stored in your Phone Book. When you receive an incoming call from a number matching an entry in your Phone Book your phone will play the associated ringer to announce the call.






Note: If the Caller ID information is unavailable for an incoming call then the Name Ringer option will also be unavailable.

1. In standby mode, press  to display the main menu.
2. Press  for **Phone Book**. (Find the entry to which you wish to add a **Name Ringer**, using one of the search methods described under “Find name” on page 52, or “Find entry” on page 53.)
3. Press  to highlight the entry to which you wish to add a **Name Ringer**.
4. Press  .
5. Press  .
6. Press  to highlight **Name Ring**.
7. Press  . Your phone displays the current **Name Ringer** setting.
8. Press  to listen to other available ringers and melodies.
9. Press  to save your selection.

Setting speed dial

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








1. In standby mode, press  to display the main menu.
2. Press  for **Phone Book**.
3. Press  for the **Find Name**, or  for **Find Entry**.
4. Press  to highlight the entry you wish to designate.
5. Press  to display that entry's phone number.
6. Press  for options.
7. Press  to highlight the **Edit** option.
8. Press  . The **Phone Book** (information) screen displays.
9. Press  to highlight **Entry: 000**.

10. Press  and **Edit Entry** appears.
11. Use the keypad to enter the **Speed dial** number of your choice.
12. Press . If you have previously set a speed dial number for this name or entry an “**Overwrite?**” prompt will be displayed. Use the  arrows to choose “**Yes**” or “**No**”, press  to continue, following the prompts, or press  to cancel and return to the previous screen.

Storing incoming phone numbers at the end of a call








To store a phone number after ending a call:

Note: If the call was incoming, and Caller ID information was unavailable, then the store option will also be unavailable.

1. Once you have pressed  to end your call, the screen displays the call time (length of call), phone number and name of the party (if available).
2. Press  for main menu.
3. Press  for **Calls**.
4. Press  for **Incoming**.
5. Press .
6. Press  for menu options, navigate to highlight **Save**.
7. Press  to store the phone number to the **Phone Book**.


Storing phone numbers from call logs

Use this method to store a phone number from the call logs.

1. In standby mode, press  to display the main menu.
2. Press  for **Calls**.
3. Press  for **Outgoing**, or  for **Incoming** call activity.
4. Highlight the number that you wish to store to the **Phone Book** and press  .
5. Press  for menu options, navigate to highlight **Save**.
6. Press  to store the phone number to the **Phone Book**.

Note: The number can be stored to the Phone Book as a new entry, or for further details regarding updating an existing entry see “Editing phone book numbers” on page 50.


Shortcuts to storing phone numbers

You can store a phone number by entering the number, and pressing  . Follow the screen prompts to designate other information. You can also save a number after an incoming or outgoing call. For further information see “Storing phone numbers from call logs” on page 65



Calling numbers from the phone book

Calling numbers from your Phone Book is simple. Different methods are explained below:




One-touch dialing

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


Two-touch dialing





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

Three-touch dialing

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

Shortcuts to memory dialing

Speed Dialing: From standby mode, enter the entry's **Speed Dial** number, and press  to call .

Navigating to the #: From standby mode, press  for main menu, press  for **Phone Book**, press  for **Find Entry**. Use the navigation key to highlight the entry, press  to call that entry's **Speed Dial** number.

Web/Minibrowser

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



Each time you launch the MiniBrowser, the phone will connect to the Internet and the service indicator icon will display. Any time the service indicator icon is visible on the display, you are connected to the Internet and will be invoiced accordingly. Rates and pricing vary according to your service option. For further information contact your service provider.

The MiniBrowser will end an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone, and (if you leave your phone turned on) you can access this information without reconnecting to the Internet. If you are viewing this stored information, and you select a link to a site that was not accessed in your last session, then you will automatically be re-connected to the Internet.

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

A shortcut to launching the Web

You can quickly use this shortcut to access the Minibrowser.






- In standby mode, press the right  arrow, then press .

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,  right, or press  .
2. Press  for Start Browser.
3. Press the left navigation key arrow. Your phone will begin its search to launch the MiniBrowser.
4. Once connected, the Home Page (or the last page visited), will be displayed. Press and hold  to access the MiniBrowser. An example of a Home Page is shown below:




WEB HOME PAGE

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

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







Exiting the web/minibrowser

Press  to exit the Web.



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

The minibrowser start and end prompts

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

1. In standby mode, use your thumb on the navigation key's right arrow, or press  to display the main menu, and press  for **Web**.
2. Press  for **Prompt**.
3. Press  to highlight one of the four options:
 - **None:** This prompt is never displayed.
 - **To Start:** You will see this prompt when you enter the browser, but not when you exit it.
 - **To End:** You will see this prompt only when you exit the browser.
 - **Both:** You will be prompted when you enter or exit the browser.
4. Press  to save your setting or press  to cancel.

The minibrowser soft keys

At the bottom of the MiniBrowser display is a solid bar which contains the browser commands. The “soft” keys ( ) 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. These keys are explained in “How the minibrowser works” on page 70.

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

- Text or numeric input
- Links (embedded in content)

- Numbered options (some options may not be numbered)
- Simple text

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

How the minibrowser works



Navigation key: Use the **up/down** navigation key arrows to find and select from all MiniBrowser options. The selected option is indicated by an arrow. Also use the navigation key to move the cursor when editing text. The **right/left** navigation key arrows are soft keys. The **left** soft key is used as “OK” or “Retry”. The **right** soft key is used to access secondary options, or a menu of secondary options such as “Cancel” or “Done”.



MENU: This key is used primarily for selecting the highlighted item.



CLR: This key performs two functions:

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



Asterisk / Shift: Press this key before entering text to create upper case characters. You can also

use this key to move back one space on the display screen.



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



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



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



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

MENU



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









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







Direct WAP download

You can download up to 10 ring tones and 6 images using the web browser.







Use the following steps to download or remove your downloaded image or ring tone.

1. Press  to display the **Main menu**.
2. Press  to access the **Web**.
3. Press  to start the browser.
4. Use the  to highlight a downloadable site option.
5. Press  after selecting a certain ring tone to hear the tone.
6. Press  to save.







To remove the saved ring tone:

1. Press  for the **Main menu**.
2. Press the  for **Sounds**.
3. Press the  for **Ringer Type**
4. Press the  to delete.
5. Use the  to highlight your option.
6. Press  the selected ring tone is removed.

To download an image:

1. Press  to display the **Main menu**.
2. Press  to access the **Web**.
3. Press  to start the browser.
4. Use the  to highlight a downloadable site option.
5. Press  to view your image.
6. Press  to save.


To remove the saved Image:

1. Press  to display the **Main menu**.
2. Press  for **Display**.
3. Press  for **Animation**.
4. Press  to delete the image.
5. Use the  to highlight your option.
6. Press  the selected image is removed.

Using links

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

Making a phone call while using the minibrowser





You may initiate a phone call from the MiniBrowser if the site you are using supports this feature (the phone number may be highlighted and the left soft key will appear as “Call”). Pressing the “Call” soft key will call the number. In most cases you can also use  to call the number. The Internet connection will be terminated when you initiate the call. After you end the call, your phone will return to standby mode.

Scheduler

Information features

Information features allow you to add events in a calendar format that can be viewed, and if so required alert you to these same events.

How to access information features

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





Scheduler

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

Today

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

How to schedule an event



1. In standby mode, press  to display the main menu.
2. Press  for **Scheduler**.
3. Press  for **Today**, the **New Event** screen displays.
4. Press  to view the following options.


- **T9 Word**





- **ABC**

- **Symbol**





- **123**


5. Press  to highlight an option.
6. Press  to select that option.

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

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

How to add, edit, or erase an event






1. In standby mode, press   for the menu and **Scheduler**. Press  for **Today**.
2. Press  for the following options:

- **Add New:** Allows you to add an event.
 - **Edit:** Allows you to edit an event.
 - **Erase:** Allows you to erase an event.
 - **Erase all:** Allows you to erase all scheduled events.
3. Press  to select the option of choice, and complete the exercise by following the prompts.

View month

View Month allows you to view in calendar format the current month, a past month or a future month. In View Month, the current date is highlighted on the calendar. Days with scheduled events are underlined.




How to view an event

1. In standby mode, press  to display the main menu.
2. Press  for **Scheduler**.
3. Press  for **View Month**, a current calendar screen displays. (The current date is highlighted, but you can use the navigation key to select a new date and month. (If more than one event is scheduled, use the navigation key to display them.)
4. 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.
5. Use the navigation key to highlight **Add New**. Select  to enter the option. The **New Event** screen displays. Complete the exercise by following steps 4 through 9 as indicated in “How to schedule an event” on page 75.

Jump to date

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




Using jump to date

1. In standby mode, press   for the menu and **Scheduler**. Press  for **Jump To Date**. Complete the exercise by using steps 4 through 9 as indicated in “How to schedule an event” on page 75.






To do list

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

Creating a to do list item



1. In standby mode, press   for the menu and **Scheduler**.
2. Press  for **To Do List**. An **Add To Do** screen displays. Complete the exercise by using steps 4 through 9 as indicated in “How to schedule an event” on page 75. You can choose the navigation key to set the priority for a **To Do List** item. Your choices are **High** and **Low**.

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

1. In standby mode, press   for the menu and **Scheduler**. Press  for **To Do List**. Press  to locate the event you wish to change.
2. Press . Your options are: **Add new, Edit, Erase, and Erase all**. Complete the exercise by following the prompts.

Count down

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

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

1. In standby mode, press   for the menu and **Scheduler**.

2. Press **5JKL** for **Count Down**. The screen prompts for a new **Count Down**. Enter a name for your new **Count Down** timer. Press **OK/☒** to complete.
3. Enter the date and time you want to “**Count Down**” to. For example: if today’s date is April 1, 2001 and you wish 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.
4. Press **OK/☒** to store the **Count Down** timer.




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

1. In standby mode, press **MENUⓂ** **4GHI** for the menu and **Scheduler**.
2. Press **5JKL** for **Count Down**. Countdown timers display in order of the least amount of time passed since the countdown commenced, and least amount of time remaining until the specified date.
3. Press **MENUⓂ** to open the options. Your choices are:
 - **Add New**
 - **Edit**
 - **Erase**
 - **Erase all**
4. Press **OK/☒** to select the option. Use the navigation key to find the item you wish to change and follow the prompts. You can press **CLR** at any time to exit the exercise.

World time

Informs you of the time of day, or night in another part of the world. World Time displays the time in 24 different time zones around the world, in one or more major cities, states, regions or countries. It should be noted that World Time does not support Daylight Savings Time for countries other than the USA.

Checking current time world wide



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




• Alaska	• Vancouver	• Calgary, Denver
• Winnipeg	• Ottawa, New York	• 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

Calculator



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

To perform a calculation

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

1. In standby mode, press   for the menu and **Scheduler**. Press  for **Calculator**. The Calculator screen displays.
2. Use the keypad to enter the first number in your calculator. (Numbers can be up to 9 digits long.)
3. Use the navigation key arrows to set the operator for your calculation. Your choices are:

- **[+] Addition**
- **[-] Subtraction**
- **[x] Multiplication**
- **[/] Division.**











4. Use the keypad to enter the second number into your calculator.
5. Press  to perform the calculation and view the result, or continue to calculate with the same operator, or change the operator and continue. Every time you change the operator, the previous calculation is performed and the result is displayed as the bottom number on the display screen.
6. Press  to perform the calculation and view the result.




Alarm



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

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

To set the alarm:

1. In standby mode, press  to display the main menu.
2. Press  for **Scheduler**.
3. Press  for **Alarm**. Your options are **Set** and **Release**.
4. Press  for **Set**.
5. Press  to the option you want to use. Your choices are **Once**, or **Daily**.
6. Press . The Alarm menu opens.
7. Using the keypad, enter the time for the alarm to activate. Select  to store the setting, or press  to return to the previous alarm options menu.
 - As your phone only supports a 12 hour time display, it is necessary to press either , or . These keys represent A.M. and P.M. respectively.

8. Should you wish to terminate the alarm follow steps 1 through 3 and press  for **Release**. Press  to save, or press  to return to the previous alarm options menu.

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

Note: To change the alarm time, or turn the alarm off, repeat steps 1 through 3 above, and follow the prompts.


Sounds

Ringer options


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

Note: To adjust your ringer volume (for example, to quickly turn it off or to the vibrate mode before you enter a meeting, concert, etc.) see “Ringer volume” on page 82.

Adjusting ringer volume (rapidly)









From the standby mode, you can adjust the ringer (5 levels), set it to vibrate, set it to 1-beep, or set it to mute using the  up/down arrows.

Adjusting voice volume during a call

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

Ringer volume

To activate the two options under the ringer volume option for Sounds.

1. In standby mode, press  to display the main menu.
2. Press  for **Sounds**.
3. Press  for **Ringer Vol**. Two options display: **Calls**, and **Alarm**.
4. Press the numeric key, or highlight the option and select it using .
5. The screen immediately displays the volume icon  the bars of which will change according to the setting chosen, you can also press the  down arrow to change the setting. When the desired setting is reached, press  to save.
6. Press  to return to the previous menu at any time.

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

Ringer volume — Calls

Refer to “Ringer volume” on page 82 for instructions on operating this option.

Ringer volume — Alarm







Refer to “Ringer volume” on page 82 for instructions on operating this option.


Ringer type

Ten downloadable ring tones, five monotone ringer types, and fifteen melody tones can be found under the ringer type option in the Sounds menu.

Ringer type — Voice Calls




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




1. In standby mode, press  to display the main menu.
2. Press  for **Sounds**.
3. Press  for **Ringer Type**.
4. Press  for **Voice Calls**.
5. Use the  to navigate through the 10 downloadable ring tones, 5 monotone ringer types and 15 melody tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press  to save the setting.


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

Ringer type — Alarm

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







1. In standby mode, press  to display the main menu.
2. Press  for **Sounds**.
3. Press  for **Ringer Type**.


4. Press  for **Alarm**.
5. Use the  to locate the 10 downloadable ring tones, 5 monotone ringer types, and 15 melody tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press  to save the setting.

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

Ringer type — Data/Fax incoming





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



1. In standby mode, press  to display the main menu.
2. Press  for **Sounds**.
3. Press  for **Ringer Type**.
4. Press  for **Data/Fax In**.
5. Use the  to locate the 10 downloadable ring tones, 5 monotone ringer types, and 15 melody tones. Each tone plays as you navigate through the options.
6. When the desired ringer type plays, press  to save the setting.


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

Ringer type — Schedule alerts







To activate, view or change the ringer type for schedule alerts:


1. In standby mode, press  to display the main menu.
2. Press  for **Sounds**.
3. Press  for **Ringer Type**.
4. Press  for **Schedule**.

- Use the  to locate the 10 downloadable ring tones, 5 monotone ringer types and 15 melody tones. Each tone plays as you navigate through the options.
- When the desired ringer type plays, press  to save the setting.

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







Ringer type – Delete WAP download


- In standby mode, press  to display the main menu.
- Press  for **Sounds**.
- Press  for **Ringer Type**.
- Press  for **Delete**.
- Use the  to locate the 10 saved ringer type tones.
- When the desired ringer type is selected, press  to delete it.

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

Key beep

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

- In standby mode, press  to display the main menu.
- Press  for **Sounds**, then press  for **Key Beep**.
- Press the  to locate the 5 volume levels .
- When the desired volume is reached, press  to save the setting.

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

Alerts






Your phone will beep from time to time, this beep is called an alert beep. Alert beeps can easily be turned on or off. This feature offers 6 different options:


Minute beep, Service, Connect, Disconnect, Fade, and Roam.

Alerts — Minute beep

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

To turn minute beep on or off:

1. In standby mode, press  to display the main menu.
2. Press  for **Sounds**.
3. Press  for **Alerts**. The following options display:
 - **Minute beep**
 - **Service**
 - **Connect**
 - **Disconnect**
 - **Fade**
 - **Roam**
4. In this exercise select the **Minute beep** option. (For other “Alerts” exercises to work correctly, select the appropriate option.)
5. Press the  to choose between **On** or **Off**.
6. When the desired setting is reached, press  to save the setting.

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

Alerts — Service

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

Refer to “Alerts — Minute beep” on page 86 for instructions on how to operate this option.




Alerts — Connect

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

Refer to “Alerts — Minute beep” on page 86 for instructions on how to operate this option.

Alerts — Disconnect

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

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

Refer to “Alerts — Minute beep” on page 86 for instructions on how to operate this option.

Alerts — Fade

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

Refer to “Alerts — Minute beep” on page 86 for instructions on how to operate this option.

Alerts — Roam






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


Refer to “Alerts — Minute beep” on page 86 for instructions on how to operate this option.

Voice volume

This option enables you to adjust the voice volume of the earpiece while on a call. The display icon shows up to 5 levels (the loudest setting).

To adjust the voice volume level:

1. In standby mode, press  to display the main menu.
2. Press  for **Sounds**.
3. Press  for **Voice Volume**.
4. Press the  to adjust the volume setting.
5. When the desired volume level is reached, press  to save the setting.






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


Roam Ringer

When this option is set to “On”, your phone sounds a unique tone when a call is received in a “network” service area.

(This feature is to “On” by default).

To set the Roam Ringer alert on or off:






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


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

Power on/off

When this option is set to on, the phone sounds an alert when the phone is either powered on, or powered off.

To set the Power On/Off alert:

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

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

Display

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

- Control when, and for how long, your backlight is active.
- Define a personal greeting of up to 12 characters.
- Display your own phone number.
- Set the language.
- Set time and date manually.
- Automatically hyphenate phone numbers.
- View the hardware and software versions of your phone.
- Display an animated image.






Backlight

There are several options for setting the backlight features.

Press any key and the backlight comes on. The length of time that the backlight remains active can be set to Always Off, 7, 15, or 30 seconds.


Note: Backlight usage drains your battery faster.


To set the Backlight:

1. In standby mode, press  to display the main menu.
2. Press  for **Display**.
3. Press  for **Backlight**.
4. Press the  to go through the menu options:
 - **Always Off**
 - **7 seconds**
 - **15 seconds**
 - **30 seconds.**
5. When the desired setting is reached, press  to save.






Banner

This option allows you to edit and personalize the banner displayed on the standby display screen.

Note: Enter the personal greeting using the keypad, Press  for T9 Word, ABC, symbols and 123 options respectively

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





To change the banner:


1. In standby mode, press  to display the main menu.
2. Press  for **Display**.
3. Press  for **Banner**. Clear the existing banner by pressing  .
4. Enter your new banner (Up to 12 characters).
5. Press  to save.


Animation

The animation option allows you to choose from several options already available on your phone:

To display an animated image:





1. In standby mode, press  to display the main menu.
2. Press  for **Display**.
3. Press  for **Animation**.
4. Press  to change one or all of the following options:
 - **Power On**
 - **Power Off**
 - **Idle Mode**
 - **Delete**

Note: You can have a different animation for each option. If you want to see the time, press and hold  to view the digital clock. Your phone will automatically go back to the chosen animation.

5. Press  to save.

My phone






To display your phone's number:


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

Language

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

To change the language:







1. In standby mode, press  to display the main menu.
2. Press  for **Display**.
3. Press  for **Language**.
4. Press  to highlight the language required.
5. Press  to save.


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

Set time

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

To manually set the time and date:






1. In standby mode, press  to display the main menu.
2. Press  for the **Display**.
3. Press  for **Set Time**. The **Time Set** menu displays.
4. Enter the time (using the 12 hour format) and date. Use  for A.M. and  for P.M..
5. When the desired setting displays, press  to save.


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

Auto hyphen

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





To set the Auto Hyphen option:

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

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

Version

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

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

Menu Style

You can view your menu two different ways:

- **Horizontal**
- **Vertical**

The horizontal view is the default view. Using this view, the menu selection and associated icons appear horizontally as you scroll through the main menu.

When you set your menu style to vertical, the menu selection appears vertically without associated icons.

Voice dial

Your phone features Voice Dial(ing). You can call up to 20 stored names simply by speaking one of the names into the microphone. Using the Voice Dialing feature requires that you first program the phone to recognize the name of the person you are calling.

Note: Voice dialing entries cannot be connected to your phone book. If you wish to set voice dialing for frequently used numbers in your phone book, you must separately record the names and re-enter the same phone numbers into the Voice Dial memory locations.




Tips on recording names


- Avoid recording similar names phonetically. If you record a name similar to one already stored in voice memory, the phone requests another name.
- Avoid recording in a noisy place.
- Speak clearly and naturally.
- Avoid very long or very short names. Names with two to five syllables are recommended.
- If a voice entry does not properly connect, you may need to record the name and number again.

Record

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







To program the phone for voice calling:



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

4. Wait for the beep and then say the name. For best results, use names with at least two syllables, or use both a first and last name. The phone stores the name as a “first” sample, and then prompts you to say the name again.
5. Respond to the prompt by repeating the name exactly as you did the first time. The phone stores the name as a “second” sample and then requests the phone number.
6. Enter the phone number using the keypad.
7. Press  to save the number. The entered number displays, the phone prompts “**Recorded**”. If the entered number matches a number already stored in your Phone Book, the name also displays.
8. The screen then returns to the **Voice Dial** menu.

Review






To review voice calling entries:

1. In standby mode, press  to display the main menu.
2. Press  for **Voice Dial**.
3. Press  for **Review**. A list of stored numbers display. (The names also display if stored in the Phone Book.)
4. Press  to highlight the desired entry and press . The recorded name is vocalized. Press  while reviewing an entry to erase that same entry. When finished, the phone returns to standby mode.


Note: You can locate the entries without having to listen to each one by using the , or press  to listen to them all as they play in order.

Erase all

To erase all voice calling entries:

1. In standby mode, press  to display the main menu.
2. Press  for **Voice Dial**.
3. Press  for **Erase All**.
4. At the voice prompt and screen prompt, press  to confirm that you wish to **Erase All** of the entries. A screen prompt will display when the entries have been erased.
5. Press  at any time to exit without removing any voice entries.

Set active

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

Note: When using the earbud for Voice Dialing, the phone should be set to **[*]/Earphone**.

Record your entries in the phone before using the Voice Dial function in the Hands Free mode. The hands free kit requires you to repeat new entries when you are in Hands Free mode using Voice Dial.

Once you have recorded your entries using the hands free kit, you can use the Voice Dial function in Hands Free mode.






Games

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

- **Flying Tight**
- **Run for Money**
- **Racing**






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

Key commands

-  Press the “up” arrow repeatedly to keep the plane/creature in the air, and to move race car forward. Press the left arrow to go left. Press the right arrow to go right
-  Press the “down” arrow repeatedly to lower the plane or stop the race car.
-  Press to begin the game.
-  Press to end the game.
-  Press to end the game.

Flying tight

To play Flying tight:

1. In standby mode, press  to display the main menu.
2. Press  for **Games**.
3. Press  for **Flying tight**. When the “start screen” is displayed, pressing  takes you to the Help screen which describes how to play the game.
4. Press  to begin the game.






Object

The object of the game is to fly the plane inside a cave through a maze of obstacles for the longest possible time. Use the navigation key to control and sustain the plane's flight path and avoid the cave's wall. Keep your thumb on the navigation key pushing "up" repeatedly to counteract gravity that wants to pull the plane down. The display timer shows how long you have managed to beat the odds.

Your life depends on how long you can avoid the creatures and objects that appear to cross your path. If you hit the cave's wall too much, or encounter the creatures or objects too many times (3) the game is over. You can pick up "E" (energy) along the way to extend your life, and a "B" (bomb) to destroy all the objects and creatures. The longer you manage to stay "alive", the higher your score. A high score is recorded each time you play.

Run for money

To play Run for money:

1. In standby mode, press  to display the main menu.
2. Press  for **Games**.
3. Press  for **Run for money**. When the "start screen" is displayed, pressing  takes you to the Help screen which describes how to play the game.
4. Press  to begin the game.





Object

The object of the game is to control the creature on the skate board, avoid collisions with motorcycles, and to pick up as many "Money" bags as you can before the game ends. Picking up a money bag increases the "Money" count. However, each time you are hit by a motorcycle your "Money" count resets itself to zero. You must pick up the specified number of money bags during each stage in order to advance to the next stage of the game. If a stage ends,

and you have less than the specified number of money bags the game is over. A high score for both money and stage is recorded each time you play.

Racing

To play Racing:

1. In standby mode, press  to display the main menu.
2. Press  for **Games**.
3. Press  for **Racing**.
4. Press  up to begin the game.

Object

The object of the game is to be the first driver at the finish line. You have sixty seconds. You are the driver. As you go you must avoid other race cars and barrels along your course. If you hit a barrel you lose time and points. Press the left arrow of your navigation key to go left and press right to go right. Holding the down arrow stops your car, but the time keeps ticking. A high score is recorded each time you play.







Setup

The following features allow you to personalize your phone.

Auto retry

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

To enable Auto Retry.


1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Auto Retry**. The **Auto Retry** screen displays.
4. Press  to highlight an option. The options are:
off, every 10 seconds, every 30 seconds and every 60 seconds.
5. Press  to save your option.
6. Pressing  returns you to the previous screen.

Auto answer




For further information on this feature see “Setting auto answer” on page 54.




Answer mode

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

- **By SEND key:** You can answer the phone by pressing .
- **By any key:** You can answer the call by pressing any key.

To set Answer Mode:







1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Answer Mode**. The **Answer Mode** screen displays.

4. Use  to highlight an option. The options are:
By SEND key, and By any key.
5. Press  to save your option.
6. Pressing  returns you to the previous screen.

Tone length

Some older phones recognize only longer tones. Therefore you may have to change the tone length for some calls. When calling a paging system or a credit card company remember that your phone should be set in the normal mode.







To change the tone length:

1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Tone Length**. The **Tone Length** screen displays.
4. Use  to navigate between “normal”, and “long”.
5. Press  to save your option.
6. Pressing  returns you to the previous screen.

Set System

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

To select the system you want to use:







1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Set System**. The **Set System** screen displays.
4. Use  to select an option. The options are:
Automatic, Home only, Analog only, AMPHome only
5. Press  to save.
6. Pressing  returns you to the **Setup** menu.

Data/fax

Your phone is capable of sending and receiving digital data and fax calls when connected to a computing device (laptop, desktop, hand held, palmtop, etc.) running Windows 95, Windows 98, Windows 2000, Windows ME, or Windows NT. Your phone functions just like a typical modem on your PC, enabling you to use wireless data involving a wide variety of Windows software applications.

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






To set up Data/Fax calls:

1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Data/Fax**. The **Data Mode** screen displays.
4. Use  to select an option. The options are:
data/fax off, fax for next call, fax until powered off, data for next call, and data until powered off.
5. Press  to save your option of choice.
6. Pressing  returns you to the previous screen.

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

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

Receiving a fax






1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Data/Fax**.
4. Use  to highlight **fax for next call**.
5. Press  to save this option.

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

Note: Once you have set your phone’s mode to “fax for next call”, you cannot receive regular voice calls until you change back to “data/fax off”. or a fax is received.

Changing your phone back to voice calling

To change your phone back to voice calling:

1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Data/Fax**.
4. Use  to highlight **data/fax off**.
5. Press  to save this option. The screen displays **“No incoming Data/Fax calls can be received”**.

Ending a fax or data call






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


Sending a fax or data file

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

Key Guard






Your phone comes equipped a key guard feature to eliminate accidental phone calls.

1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **AutoKeyGuard**.
4. Use  to highlight **Off** or **On**.
5. Press  to save your option.


When this feature is set to **ON**, all keys on the phones keypad are locked. Press and hold  to unlock the keypad.

Set Data Rate

The rate at which you receive data can be set to **Standard** or **Automatic**. The following procedure explains how to set your data rate.

1. In standby mode, press  to display the main menu.
2. Press  for **Setup**.
3. Press  for **Set Data Rate**.
4. Use  to highlight **Standard** or **Automatic**.
5. Press  to save your option.

Mail Kit

Mail Kit allows you to create, send, read, and save your messages. Your phone receives three kinds of messages: voicemail, text, and browser messages. To access Mail kit, press  .

Note: Contact your service provider about activating the sending and receiving short message feature. This feature will only be available if your service provider's network supports it.

The Mail kit contains the following eight menus:

- **New Messages**
- **Voice**
- **Inbox**
- **Outbox**
- **Filed Msg**
- **WebAlert**
- **Erase Msg**
- **Msg Setup**



Mobile Originating SMS text messaging








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

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



Note: A total of 40 messages are available for messages. This memory is shared between all messages. The number of messages that can be stored is dependent upon the length of the messages. Messages that you send can contain a total of 160 characters.

Creating SMS Text Messages

1. In standby mode, press  to display **Mail Kit**.
2. Press  for **New Messages**. The screen displays **Send To:**.

3. Press  to select from options. (**Phone Book, T9 Word, ABC, Symbol, 123**).
- **Phone Book** allows you to search either by **Find Name, Find Entry, or Relation**.
4. Press  to highlight an option, then press  to select.
5. Press  to highlight, then press  to select the entry mode. When the information is complete press  to continue.
6. Enter the message using the keypad and selected method of entry. When finished, press . This returns you to the **New Message** menu.














To continue, select from the following two menus:



7. Pressing  opens the **Options** menu. Select from the following:
 - **Priority:** Allows you to select either Urgent or Normal.
 - **Validity:** Allows you to select the period of time you wish to message to be available to the recipient. The choices are: **None, 30 min., 1 hour, 2 hours, 12 hours, 1 day, 2 days, and 3 days.**
 - **Send Later:** Allows you to select from: **None, 30 min., 1 hour, 2 hours, 12 hours, 1 day, 2 days, and 3 days.**
 - **Delivery Ack:** Select either **On** or **Off** as required.
 - **Message: Do not save.** (Default). Others options are: **Prompt Save and Auto Save.**
8. Pressing  opens the **Action** menu. Select from the following:
 - **Send:** Allows you to send the message.
 - **OK:** Allows you to save the message.
 - **CLR:** Allows return to the previous menu.
 - **END:** Allows you to cancel the message and end the session.






Entering text, numbers, and/or symbols

At various times when using your phone, you will need to enter text in the display screen. Some examples would be: adding an E-mail address, storing a

name in the Phone Book, entering events in the Scheduler, or inputting text messages. If you want to enter text on the display screen.


1. You must be in one of the given examples in order to select  to view the menu options: **T9 Word** represented by , , and . **ABC** represented by , , and . **Symbol** represented by , and **Numeric** represented by .
2. After you are in the correct menu, use the navigation key to highlight your option choice, then press  to save the option. Enter your information and remember you can:
 - Press  to insert a space.
 - Press  to clear the last number, letter, or symbol, or Press and hold  to completely clear the input field.

If you wish to change the input mode again, after pressing  to view the options: **T9 Word**, **ABC**, **Symbol**, and **Numeric**, use the navigation key to highlight your choice, then press  to save.

- **ABC:** This is the text entry mode. Upper case entry mode  icon, lower case entry mode  icon, and initial upper case with lower case entry mode  icon: These icons represent the alphabetical text entry modes and can also be used for multi-tap typing. For example: quickly press  three times to display the letter C, and press  twice to display the letter K.
- **T9 Word:** This is the predictive word entry mode. You can quickly and easily enter frequently used words.
- **Symbol:** Symbol entry used with numeric keys and associated symbols.
- **Numeric:** This is the number entry mode.

Alphabetical text entry


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

Press the same key repeatedly to change between the characters represented by each key. To change capitalization formats while entering text, press  to navigation between **AB**, **ab**, and **Ab** modes.

Entering numbers

Numeric mode **123** enables you to enter numbers into a text message.


Symbol entry


Symbol mode **Sy** enables you to enter symbols into a text message. Use  to display the options, then press the navigation key arrows up/down to select the symbol option. When displayed, use the navigation key to manipulate the symbols. When in Symbol input mode, press the key shown on the display under the required symbol. Here are the list of available symbol characters:

-  ! _ \ ;çÈË
-  @ + ? ¡«èÙ
-  # = . ¡ »Éù
-  % : , <<ÀeĪ
-  & ” { >>àĒĪ
-  * ’ } ±ÂëÛ
-  < (\$ ^âîû
-  >) [·ÇĪÛ
-  - /] °çÔü

T9® Word text entry

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

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

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








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







New messages

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

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

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

1. In standby mode, press  to display **Mail Kit**.
2. Press  for **New Messages**. The screen displays **Send To:** ([This is a required entry field], once the recipient's data is entered it can be sent at any time by pressing .) (Pressing  permits selection from the options: **Phone Book, T9 Word, ABC, Symbol** and **123**.
 - **Phone Book:** Allows you to retrieve the Phone Number or e-mail address to which the data is to be sent using the options: **Find Name, Find Entry** and/or **Relation**.
 - **T9 Word, ABC, Symbol** and **123** are text entry modes.
3. After finding and entering the **Send To:** information, press  to go to the **Message** menu.
4. Enter your message data, (press  to select your text entry mode), when finished, press  to return to the **New Message** menu.

5. If the same message is to be sent to multiple recipients, press  to go to the **Send To:** menu. Entry “01” is the first destination, the address is already entered (there are 10 destinations available.) Pressing  allows you to select the **Edit** option if you so require, if not.
6. Select 1, or select from the 10 multiple destinations available using the . (Press  to open the **PhoneBook** or **Edit** options if required), when finished press .
7. To add additional recipient addresses, repeat the above steps. The multiple destinations entered will be updated on the **Send To:** screen.
8. Press  at any time to despatch the information.

Voice

Refer to “Reviewing voice mails and text messages” on page 119, for instructions on how to operate this option.

Responding to a Message

Note: For further information see “Message options” on page 121.

Inbox



Your phone receives incoming messages in both standby and talk modes. When you are on a call and receive a message, your phone automatically mutes the ringer and displays a pop-up window which displays two options: Ignore and Text. Select Text to read the message or choose Ignore to ignore the message.

Outbox








Your phone stores messages in Outbox, regardless of whether the message was successfully transmitted. If “Do Not Save” was not set in the Save Message setting under Msg Setup, you can review, resend, or delete any message stored in the Outbox. You can also verify if a message or E-Mail was successfully transmitted, and at what date and time by opening the Delivery Acknowledgement feature.

Reviewing outbox

To review outgoing messages:

1. In standby mode, press , to display the **Mail Kit** menu.
2. Press  for **Outbox**. A list of messages displays.

An icon displayed next to the entry number represents the transmission status:

-  indicates that the message was successfully transmitted and delivery was acknowledged (Delivery Ack).
 -  indicates that the message was transmitted but the delivery is not confirmed.
 -  indicates that the message transmission failed.
3. Using the , highlight the message you wish to review and press  to select it. Across the top of the new display screen will display **"Tx Msg **"**, (where ** represents the message number). The display screen will also show the date and time of transmission, together with the Send to #, E-Mail address, call back number, the message and the delivery status.
 4. Press  for further options. A **"Sent Msg"** menu will display.
 - Select **"Re-send"** to resend the message, press  to resend with the same message settings.
 - Select **"Delete"** to delete the message from **Outbox**.

Message memory capacity

Your phone can store up to 40 messages combined for all messages. The storage capacity includes all received, sent, filed message types, VMN (Voicemail Notification), and text messages. The number of messages stored, depends upon the length of each message. When message memory reaches over 75% capacity, the screen displays "Memory is **% full. Erase old messages", where ** is between 75% to 100%. 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




Delivery acknowledgement


If Delivery Acknowledgement is set to “on” by using either Message Setup or New Messages options in the Mail Kit menu, a message alert will be sent to your phone. This Delivery Acknowledgement message alert appears on the phone’s display screen, indicating that the message was successfully delivered, together with the recipient’s address and the delivery date and time. This information will be displayed on your screen until you press any key, it will include the delivered date/time stamp, and text notification of “Message to (Send To #, or E-mail Address) delivered.”

Note: This Delivery Acknowledgement message will not be stored into memory as it is a “one-time” only display. Also, if multiple messages were transmitted consecutively within a short time period, only information relating to the last message delivered will display.

Note: Delivery Acknowledgement is a message sent from the system to indicate that a message arrived at its destination without error.

Use the following method to review the delivery status of an outgoing message:

1. In standby mode, press  to display the **Mail Kit** menu.
2. Press  for **Outbox**.
3. Use the navigation key to view the delivered date/time stamp for the transmitted message located at the bottom of the display.
4. Pressing  returns you to the previous screen.





Note: While reviewing a message, you can press  for more options.
See "Message options" on page 121.


Filed message







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.

Note: The memory capacity available for the Filed Msg folder is relative to the Outbox memory capacity.



To store unsent messages to the Filed Msg folder:



1. In standby mode, press , to display the **Mail Kit** menu.
2. Press  for **New Messages**. The **Send To:** screen displays. Press  for the options. Use the navigation key to highlight an option and press .

Note: If the Phone Book option is chosen the Find Name, Find Entry and RelationSrch options become available. Use the navigation key to highlight the option of choice and press .

3. Enter the **Send To:** information and press . The **Message** screen displays.
4. Press  for the options. Use the navigation key to highlight an option and press .
5. Enter a message, when finished press , the **NEW MESSAGES** screen displays.
6. Press  for **Action**.
7. Press  for **Filed Msg**.








To access unsent messages and continue editing:

1. Press , to display the **Mail Kit** menu.
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. Press  to highlight the message, and press  to open.





Web Alert

You can set your phone to alert you when you have an incoming browser message. When a new message arrives, your phone will display a text notification together with an audible alert. You can access Web Alert from the Mail Kit menu:





1. In standby mode, press , to display **Mail Kit**.
2. Press  to highlight **Msg Setup**.
3. Press  for **General**.
4. Press ,  for **Ringer Type**.
5. Use the  key to hear each selection
6. Press  when finished.

Note: Contact your service provider for availability.

Erase message

1. In standby mode, press , to display **Mail Kit**.
2. Press  for **Erase Msg**.
3. Press  to highlight an option from those offered:
Voice, OldInbox, NewInbox, Outbox, Filed, and All Messages.
4. Press  to complete the action.

Message setup

1. In standby mode, press , to display **Mail Kit**.
2. Press  for **Message setup**.
3. Press  to highlight an option from those offered:
General, and **New Messages**.
4. Press  to complete the action.

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

General

Offers a number of separate features, Scroll Timer, Msg. Reminder, Message Volume, Ringer Type, and Voice Mail #.

Scroll Timer

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




The choices are: **Off, 1/2/3/4/5 seconds**.

Msg. Reminder

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

The choices are: **Off, Once, Every 2 min**.



Message Volume

1. When selected, the screen immediately displays the volume icon , the bars of which will change according to the setting chosen. When the desired volume setting is reached, press  to save.
2. Press  to return to the previous menu at any time.

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

Ringer Type

Four options can be found under this heading. All have ten downloadable ring tones, five monotone ringer types and fifteen melody tones.

1. Use the  to locate and navigate through the ringer types. Each tone plays as you navigate through the options.
2. When the desired ringer type plays, press  to save the setting.

Note: The delete option can only be used with your downloadable ring tones.


Voice Mail

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


New Message

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

Callback

Press  to automatically call the number displayed on the screen.

Save Message


You are offered three options. Select  to save the setting.

Prompt Save - saves the message.


Do Not Save - does not save the message.

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


Entry Method


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

Delivery Ack.

Use the navigation key to highlight **On** or **Off**. Select  to save the setting.

Canned Msg.


There are a total of 10 frequently used canned messages pre-programmed into your phone. You can select the number that is associated with each canned message, and press  to edit it.


Once you have completed the editing of a **canned message**, press  to save. For further information see “List of main and sub menus” on page 25.

Receiving a message in standby mode



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

Receiving a message while on a call












When you receive message when you are on a call, the **New Messages** screen displays two options: “**Ignore**” and “**Text**”. The “closed envelope” icon  is displayed.


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


Reviewing voice mails and text messages

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

Reviewing stored voicemail and text messages in standby mode





1. In standby mode, press  , to display the **Mail Kit** menu. The number of received or sent messages displays next to the associated message type in the menu.
2. Press  for **Voice**. The date and time for the last voice mail message received display with a notification of the number of new voice mail messages.
 - You can press  twice to call your mail box directly to review voice mails.
 - You can press  for **Inbox**. A list of messages displays.
 -  next to an entry number indicates an urgent message.
 -  next to an entry number indicates that the message has already been read.
3. Use the  arrows to highlight the message you wish to review, press  to open it.
 - While reviewing the message, you can press the  to locate the message information such as **date and time**, **sender's call back number**, **senders number**, **E-Mail address**, and **message**. However, if you wait a few seconds the phone will automatically scroll through the display.
 - To review other messages. Using the  press the appropriate arrow to the right to review the next message, or to the left to review the previous message.
4. Pressing  returns you to the previous screen.

Note: When reviewing a message, you can press  for further options. For further information see "Message options" on page 121.


Note: When in standby mode, press and hold down  to automatically dial voice mail.

Message options



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

1. In standby mode, press  , to display the **Mail Kit** menu. A number of received or sent messages displays next to the associated message type in the menu.
2. For **Text** messages use the  to locate the message you wish to review, press  to open it.
3. Press  to view the following options:

“Reply”, “Forward”, “Delete”, “Save Address” and “Save cb#”

- **Reply:** to reply to the sender. The phone accesses the “**New Message**” menu and copies the sender’s originating address to the “**Send To:**” field.
 - **Forward:** to forward the message to another. The phone accesses the “**New Message**” menu, and copies the sender’s message (body) to the “**Message**” field.
 - **Delete:** to delete the message from the **Inbox**.
 - **Save addr:** to save the sender’s e-mail address to the Phone Book. The address is automatically copied into the **Add Entry** or **E-mail Entry** field. For further information see “Add entry” on page 47 and “Adding an e-mail address” on page 55 for assistance on saving phone numbers or E-mail addresses to the Phone Book.
 - **Save cb#:** to save the call back number to the **Phone Book**. The number is automatically copied to the **Add Entry** field.
4. Pressing  returns you to the previous **Inbox** messages list screen.

Security

Your phone provides security options, including a user-programmable lock code and emergency/secret phone number features. To access the Security menu in standby mode, press  ,  , and then enter the 4-digit lock code (**normally the lock code is the last 4-digits of your phone number**). Press the associated digit key to access one of the following Security options:

- **1. Lock Mode**
- **2. Restrict**
- **3. Lockcode**
- **4. Emergency #**
- **5. MSG TIME**
- **6. Clear MEM**
- **7. Reset Phone**

Lock mode






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

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




Locking the phone

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

To lock the phone:

1. In standby mode, press  to display the main menu.
2. Press  for **Security** and enter your current lock code.
3. Press  for **Lock Mode**. Use the  to locate an option:
 - **Never:** The phone remains unlocked.
 - **Now:** The phone locks immediately and stays locked until the lock code is entered.
 - **On Power-Up:** The phone locks automatically the next time your phone is powered on and stays locked until the lock code is entered.
4. Press  to save the setting.

Unlocking the phone

When the phone is locked, pressing , , or  causes the phone to display "**User Lock**". Enter the phone's lock code, and the phone is immediately unlocked.

Calling in lock mode

You can place emergency calls and to the 3 confidential numbers you programmed in the lock mode. To place normal outgoing calls in lock mode, enter the lock code to unlock the phone, and then call the phone number.







To place an outgoing call in lock mode:

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



Restricting the use of your phone






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

1. In standby mode, press  to display the main menu.
2. Press  for **Security**. Enter your current lock code.
3. Press  for **Restrict**. The 'Restrict Phone' screen displays.
4. Use the  to locate the 'Yes' or 'No' option offered, and press  to save the option of choice.
5. Pressing  returns you to the previous screen.

Lock code

The default lock code for your phone is generally the last four digits of your phone number. You can enter a personal lock code and later change the lock code as often as you like.

To enter a new lock code:


1. In standby mode, press  to display the main menu.
2. Press  for Security.
3. Enter your current lock code.
4. Press  for **Lock Code**. The screen prompts "**ENTER NEW CODE**". Enter a new, 4-digit lock code by pressing the keypad. You will be prompted to "**RE-ENTER NEW CODE**". Enter the same 4-digit lock code.
5. Press  to save the new lock code, or press  to exit.

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

Emergency #'s

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

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

Note: Emergency numbers 911, *911, and #911 are hard-coded to your phone. You can dial these numbers by pressing  after number entry at any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an **“Emergency”** prompt is displayed during the duration of the call.

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







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



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

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

Storing emergency numbers


To store emergency numbers:

1. In standby mode, press  to display the main menu.
2. Press  for **Security** and enter your current lock code.
3. Press  for **Emergency #**.
4. Press  ,  , or  to select from the three entry openings.

5. Enter the emergency number. Up to 32 digits can be entered for each number.
6. Press  to save the number entered.
7. Press  to exit and return to the previous menu.

Calling emergency numbers in lock mode






To call emergency numbers in lock mode:

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

MSG TIME






This features allows you to track the time your messages are received. Your options are:

- **Local Time**
- **UTC (Universal time clock)**
- **Time received**

1. In standby mode, press  to display the main menu.
2. Press  for **Security** and enter your current lock code.
3. Press  for **MSG TIME**.
4. Press  to select either **Local Time, UTC, and Time received**.
5. Press  to save.

Clear MEM

Clear MEM erases your Phone Book and Voice Dial recordings. Personal settings (the call log, Mail Kit messages, Schedules, or other phone feature settings), are unaffected by clearing the memory on your phone. This feature is useful if you want to give your phone to a friend or family member, or if you want to erase all of your phone numbers. To clear your phone's memory:






1. In standby mode, press  to display the main menu.
2. Press  for **Security** and enter your current lock code.
3. Press  for **Clear MEM**. A confirmation prompt "**Proceed**" will display.
4. Press  to clear the phone's memory, or press  to cancel the operation.

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


Resetting your phone

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

To reset the phone:

1. In standby mode, press  to display the main menu.
2. Press  for **Security** and enter your current lock code.
3. Press  for **Reset Phone**. A confirmation prompt displays asking if you want to "**Proceed**".
4. Press  to reset the phone or press  to cancel the operation.

In-Use Menu


Your phone includes both a standby menu and an In-Use menu. The In-Use menu is displayed by pressing  while the phone is being used during a call in progress.

The In-Use menu options are:

- **Mute/Quit** - Mutes or (Un)mutes your end of a phone conversation so that the recipient can hear nothing.
- **Calls** - Checks your call log for outgoing, incoming, and missed calls. You can also erase the logs from this menu.
- **Phone Book** - Accesses the Phone Book menu options.
- **Silent/Quit** - Activates or deactivates the “Silent keypad” feature. When set to the silent mode, your keypad’s tone is not sent out to the calling party. However, this feature should not be used when you access automated services that require you to select options, or enter numbers using the keypad.
- **Send Tel #** - Sends your phone number to the calling party or automated services.
- **My Phone #** - Displays the phone’s own number.
- **Version** - Displays the version of the software and hardware that is being used on the phone.
- **Send DTMF** - This menu item allows the user to manipulate the audible keypad tones.

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 an icon. The more bars displayed, the stronger the signal. The signal strength indicator () displays in the upper left corner of your display screen. The voice quality of your phone is always clearest when the antenna is fully raised. If you're inside a building, reception may be better near a window.

Understanding the Power Save Mode

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

Understanding how Your Phone Operates

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

Specifications are Subject to Change

The information contained in this manual is believed to be correct at the time of printing, however, Samsung reserves the right to change or modify any of the specifications without notice or obligation to update existing units.

Exposure To Radio Frequency Signals

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

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

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

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

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

Body-worn Operation

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

Antenna Care

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

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:

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

Operating a Motor Vehicle

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

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

Electronic Devices

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

Pacemakers

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

Persons with pacemakers:

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

Other Medical Devices

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

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

Vehicles

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

Posted Facilities

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

Aircraft

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

Blasting Areas

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

Potentially Explosive Atmospheres

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

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

For Vehicles Equipped with an Air bag

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

Storing your phone

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

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment.

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

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

Your Phone as a Network Device

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

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

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

To make all of the features available to you, your phone is designed by Samsung and your service provider to allow your service provider to send (at any time) a variety 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 different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Samsung Phone and Battery Specifications

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

Display Screen:Graphical LCD up to 5 lines w/1 dedicated Icon Line)

Battery Type:Standard: Lithium-Ion

PCS Antenna:Retractable, user-replaceable

Samsung Phone with Standard Battery

Dimensions (H x W x D):4.1 x 1.8 x 0.8 inches

Weight:3.8 oz. (troy)

Talk Time Digital:Up to 170 minutes

Analog:Up to 70 minutes)

Standby Time Digital:Up to 140 hours

Analog:15 hours

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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Limited Warranty

1. What is covered and for how long?

Samsung Telecommunications America, Inc. (Samsung) warrants the original purchaser that Samsung's phones and accessories are free from defects in material and workmanship under normal use and service for a period commencing on the date of purchase and continuing for the specified period of time after the date:

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

2. What is not covered?

The limited warranty is conditioned upon proper use of the product by the purchaser. This limited warranty does not cover:

- Defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical, or electromechanical stress, modifications of any part of the product, including antenna or cosmetic damage.
- Equipment that has the serial number removed or made illegible.
- All plastic surfaces and other externally exposed parts that are scratched or damaged due to normal usage.
- Malfunctions resulting from the use of the product in conjunction with the accessories, products, ancillary, or peripheral equipment not furnished or approved by Samsung.
- Defects or damage from improper testing, operation, maintenance, installation, adjustment and service of products.
- The limited warranty covers batteries only if the battery falls below 80% of rated capacity or the battery leaks and this limited warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by Samsung for charging the battery, (ii) any of the seals on the battery are broken or show

evidence of tampering, or (iii) the battery has been used in equipment other than the Samsung phone for which it is specified.

3. What are Samsung's Obligations?

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

4. What are the limits of Samsung's liability?

The warranties given in this limited warranty are in lieu of all other warranties, expressed or implied, including, but not limited to, any warranties of merchantability or fitness for a particular purpose, and are limited to the duration of this limited warranty. Except to the extent prohibited by applicable law. Samsung shall not be liable for any special, incidental, consequential, indirect or similar damages, loss of profits,

damages to purchaser's property or injury to purchaser or other parties arising out of the use, misuse, or inability to use any Samsung phone or accessory, breach of warranty, breach of contract, or negligence, including but not limited to Samsung's phones and accessories. This limited warranty shall not extend to anyone other than the original purchaser of this product and states the purchaser's exclusive remedy. If any portion of this warranty is illegal or unenforceable by reason of law, such partial illegality or unenforceability shall not affect the enforceability of the remainder of this limited warranty which purchaser acknowledges is and will always be construed to be limited by its terms or as limited as the law permits.

This limited warranty allocates risk of product failure between purchaser and Samsung, and Samsung's products 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 presentations, whether oral or written, do not constitute warranties by Samsung and should not be relied upon.

5. How does state or territorial law apply to this warranty?
Some states or provinces do not allow the exclusion or limitations of incidental or consequential damages or how long implied warranty lasts, so the above limitations or exclusions may not apply to you.
This warranty gives you specific legal rights. You may also have other rights which vary from one jurisdiction to another.

Samsung Telecommunications America, Inc.

1130 East Arapaho Road

Richardson, Texas 75081

(888) 987-HELP (4357)

Index

Symbols

#911 122, 125

*911 122, 125

Numerics

0 / next key 71

911 122, 125

A

Accessing menus using short cut number 28

Accessing menus using the navigation key 28

Adaptor outlet 22

Adding a name ringer 62

Adding an e-mail address 55

Adding pauses 58

Adjusting ringer volume 82

Adjusting voice volume 82

air time 44

Alarm 80

Alerts 86

Alerts — Service 86

Alphabetical text entry 108

Answer mode 101

Antenna 19

Asterisk / shift key 70

Auto answer 101

Auto retry 101

B

Backlight features 19

battery indicator 37

C

call activity 42

Calling emergency numbers in lock mode 126

Calling in Lock Mode 123

Calling numbers from the phone book 65

Calls - Incoming 40

Calls - Missed 41

Calls - Outgoing 40

Caring for the battery 38

Clear key 19

Clear MEM 127

CLR 70

Connect 87

Countdown 77

Creating SMS Text Messages 106, 107

D

Data / fax 84

Data/fax 103

Delivery acknowledgement 113

Disconnect 87

Display screen 19

Disposal of Lithium Ion (Lilon) batteries 38

Duplicate 35

E

Editing phone book numbers 50

E-mail 35

empty battery icon 37

End (power on/off key) 20

END key 71

Ending a fax or data call 104

Entering numbers 109

Erase logs 41

Erase Message 115

F

Fade 87

Fax 35

Find entry 53

Flying tight 98

G

- Games 98
- Getting service 23
- Getting started 23
- Getting to know your phone 19
- Green 39

H

- Home 35

I

- Inbox 111
- individual sub menus and features 25
- Input modes 30
- Installing the battery 36

K

- Key beep 85

L

- Language 92
- Last call 45
- LED indicator 20
- LifeTime 45
- Links 73
- List 25
- List of main and sub menus 25
- List of menu functions 25
- Lock Code 124
- Lock Mode 122
- Lock mode 30
- Locking the phone 123

M

- Mail kit 106
- Mail kit - Message memory capacity 112
- Mail kit - Message options 121

Mail kit - Messages and lock mode 113
main menu structure 25
Making a phone call while using the minibrowser 73
Manual pause dialing 60
MENU key 71
Menu key 20
Message 35, 112
Message read 35
Message received 35
Message setup 116
Microphone 20
Minibrowser - exiting 68
Minibrowser - launching 67
Mobile 35
Mobile Originating (MO) SMS Text Messaging 106
Multi 35

N

Navigation 21
Navigation key 70
New message 110
Numbered keys 71
Numeric key 20
Numeric mode 109

O

office 35
OK/Message key 21
One-touch dialing 65
Orange 39
Outbox 111
Outgoing 40

P

Pager 35
Phone Book 47
phone's modes 30

Pound / space key 71
Prepending a phone number 61
Privacy 88
Protecting your battery 38

R

Receiving a fax 104
Red 39
Relation search 54
Removing the battery 36
reset the security key 68
Returning to the previous menu 28
Reviewing Airtime 44
Reviewing outbox 112
Ringer options 82
Ringer type 83
Roam 87
Run for money 99

S

Schedule 84
Scheduler 74
Scroll Timer 116
Security 122
Security - Calling in lock mode 123
Security - Emergency 125
Security - Lock code 124
Security - Lock mode 122
Security - Locking the phone 123
Security - Resetting your phone 127
Security - Restrict 124
Security - Unlocking the phone 123
security key 68
Send delivered 35
Send key 21
Send/Talk mode 32
Sending a fax or data file 105

- Sending messages 110
- Set system 102
- Set Time 92
- Setting auto answer 54
- Setting speed dial 63
- Setup 101
- Software/Hardware Version 93
- Speaker 21
- Speed dial 35
- Storing numbers 125
- Storing pauses in a phone book 59
- Storing phone numbers at the end of a call 64
- Symbol entry 109
- Symbol mode 109

T

- T9(Word) 109
- T9@ Word 109
- Talk mode 32
- Tips on recording names 95
- Tone length 102
- Total air time 45
- travel adaptor 39
- Turning your phone off 23
- Turning your phone on 23
- Two-touch dialing 66

U

- Unlocking the Phone 123
- Usage guidelines 129
- Using links 73
- Using your phone's menus 28

V

- Version 93
- Viewing call logs 43
- Voice dial 95

Voice dial - Record 95

Voice dial - Set active 97

Voice volume 88

W

Web/MiniBrowser 67

Y

yellow arrow 22

Your consumer package 17

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