SAMSUNG

# SCH-A592
# User's Manual

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

# FCC RF EXPOSURE INFORMATION

***WARNING! Read this information before using your phone***

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

## Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 1.5 cm. separation distance between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

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

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# Table of Contents


SAFETY QUICK GUIDE ..... 5

UNPACKING ..... 7

YOUR PHONE
Phone Layout ..... 8
Display ..... 11
Service light ..... 13

GETTING STARTED
Installing a Battery ..... 14
Charging a Battery ..... 15
Low Battery Indicator ..... 16
Switching the Phone On/Off ..... 17
Your Phone's Mode ..... 18

CALL FUNCTIONS
Making a Call ..... 20
Answering a Call ..... 28
In-Call Options ..... 29
Using Caller ID ..... 30
Viewing Missed Calls ..... 31
Three-Way Calling ..... 32
Call Waiting ..... 33
Call Forwarding ..... 33
Adjusting the Volume ..... 34

ENTERING TEXT
Changing Text Input Mode ..... 36
T9 Mode ..... 37
ABC Mode ..... 39
Symbol Mode ..... 41
Number Mode ..... 41

## USING THE MENUS

Accessing Menu Functions by Scrolling ..... 42
Accessing Menu Functions by Using its Shortcut..... 42
List of Menu Functions ..... 44

## CALLS

Outgoing *(MENU 1-1)* ..... 46
Incoming *(MENU 1-2)* ..... 47
Missed *(MENU 1-3)* ..... 47
Erase History *(MENU 1-4)* ..... 47
Air Time *(MENU 1-5)*..... 48

## PHONE BOOK

Find *(MENU 2-1)* ..... 49
Add *(MENU 2-2)* ..... 50
Rename *(MENU 2-3)* ..... 53
My Phone # *(MENU 2-4)*..... 53
Memory *(MENU 2-5)* ..... 53

## MESSAGES

New Messages *(MENU 3-1)* ..... 54
Voice *(MENU 3-2)*..... 56
Inbox *(MENU 3-3)*..... 57
Outbox *(MENU 3-4)* ..... 58
Filed Msg *(MENU 3-5)* ..... 59
Web Alert *(MENU 3-6)*..... 59
Erase Message *(MENU 3-7)* ..... 60
Msg Settting *(MENU 3-8)*..... 60

## WEB

About Web Browser ..... 62
Get in Web *(MENU 4-1)* ..... 63
Exiting the Web Browser ..... 63
Using the Web Browser Soft Keys ..... 64
Navigating the Web Browser ..... 64
Entering Text, Numbers or Symbols in the Web Browser ..... 66
Prompt *(MENU 4-2)* ..... 66



## PLANNER

Today *(MENU 5-1)* ..... 67
View Month *(MENU 5-2)* ..... 68
Jump To Date *(MENU 5-3)* ..... 70
To Do List *(MENU 5-4)* ..... 70
Memo Pad *(MENU 5-5)* ..... 71
Count Down *(MENU 5-6)* ..... 72
Alarm Clock *(MENU 5-7)* ..... 73
World Time *(MENU 5-8)* ..... 74
Calculator *(MENU 5-9)* ..... 74

## VOICE

Voice Dial *(MENU 6-1)* ..... 75
Voice Memo *(MENU 6-2)* ..... 78
Voice Answer *(MENU 6-3)*..... 79

## SOUNDS

Ringer Vol *(MENU 7-1)* ..... 82
Ringer Type *(MENU 7-2)* ..... 83
Tone Length *(MENU 7-3)* ..... 83
Alerts *(MENU 7-4)* ..... 84
Roam Ringer *(MENU 7-5)* ..... 85

## DISPLAY

Animation *(MENU 8-1)* ..... 86
Greeting *(MENU 8-2)* ..... 87
Backlight *(MENU 8-3)* ..... 87
Contrast *(MENU 8-4)* ..... 88
Auto Hyphen *(MENU 8-5)* ..... 88
Dual Clock *(MENU 8-6)* ..... 88

GAMES ..... 89

## SETUP

Auto Answer *(MENU 0-1)* ..... 90
Answer Mode *(MENU 0-2)* ..... 90
Auto Retry *(MENU 0-3)* ..... 91
Language *(MENU 0-4)* ..... 91
Set Time *(MENU 0-5)* ..... 91
Set NAM *(MENU 0-6)* ..... 92
Set System *(MENU 0-7)* ..... 92
Data/Fax *(MENU 0-8)* ..... 93
Version *(MENU 0-9)* ..... 95
Security *(MENU 0-0)* ..... 95

## HEALTH AND SAFETY INFORMATION

Precautions When Using Batteries ..... 99
Road Safety ..... 101
Operating Environment ..... 103
Electronic Devices ..... 103
Potentially Explosive Atmospheres ..... 105
Emergency Calls ..... 106
Other Important Safety Information ..... 107
Care and Maintenance ..... 108

GLOSSARY ..... 110

INDEX ..... 113

QUICK REFERENCE CARD ..... 117



# Safety Quick Guide

Read these guidelines before using your wireless phone. Failure to comply with these guidelines may be dangerous or illegal. For more detailed safety information, see “Health and Safety Information” on page 99.

**Road safety comes first**
Do not use a hand-held phone while driving; park the vehicle first.

**Switch off when refuelling**
Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

**Switch off on aircraft**
Wireless phones can cause interference. Using them on aircraft is both illegal and dangerous.

**Switch off in hospital**
Switch off your phone near medical equipment. Follow any regulations or rules in force.

**Interference**
All wireless phones may get interference which could affect performance.

**Respect special regulations**
Follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

**Use sensibly**
Use only in the normal position (to ear). Avoid unnessary contact with the antenna when the phone is switched on.

**Accessories and batteries**
Use only SAMSUNG-approved accessories and batteries.

**Use qualified service**
Only qualified service personnel may install or repair your phone.



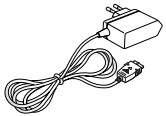
# Unpacking

Your package contains the following items.

Handset

Battery

Desktop Charger



Hand strap

User's Manual

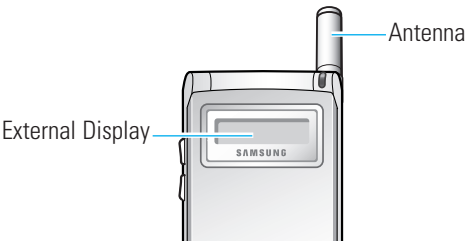
# Your Phone

## Phone Layout

The following illustrations shows the main elements of your phone.

**Rear View**

**Closed View**




| Key | Functions |
|---|---|
| MENU | Enters the menu facility. Also, scrolls through the menu options. |
| OK | *In the menu facility,* selects a menu function or stores information that you have entered (such as a name) in the phone memory. *When entering a number*, saves the number to the PhoneBook. *In Standby mode*, enters the Mail Kit menu. |
| | *In the menu facility*, scroll through the menu options and phonebook memory. *In Standby mode*, enters the Find menu, enters the Ring Tone menu, enters the Voice Memo menu and launches the Web browser. |

| Key | Functions *(continued...)* |
|---|---|
| | Makes or answers a call.<br>*In Standby mode*, redials the last outgoing number when pressed twice. |
| | Ends a call. Also switches the phone on and off when pressed and held.<br>*In the menu facility*, returns to Standby mode and cancels your input. |
| CLR | Deletes characters from the display.<br>*In the menu facility*, returns to the previous menu level. |
| 0 9 WXYZ | Enters numbers, letters and some special characters. |
| * | *In Standby mode*, initiates a voice dial calls when pressed and held down.<br>Also, use this key for special star calling feature. |
| # | *In Standby mode,* toggles the silent mode on and off when pressed and held.<br>Also, it is used at various times when you dial especially when using tele-services. |
| | *During a call*, adjusts the voice volume.<br>*In Standby mode with the phone open*, adjusts the ringer volume.<br>*In the menu facility*, scrolls through the menu options. |

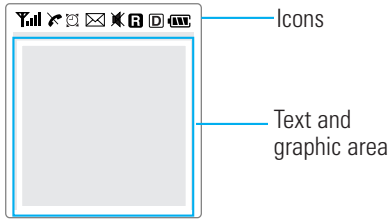




# Display

## Layout

The display comprises two areas; an upper line of fixed icons, and the lower text and graphic area. The following icons display at power-on:




## Icons

**Signal strength** : Shows the received signal strength. The greater the number of bars, the better the signal strength.

**Service**: Appears when a call is in progress.

**No service indicator**: Appears when you are outside a service area. When it appears, you cannot make or receive calls.

**Alarm on**: Appears when you set an alarm.

**New Message**: Appears when a new text message has been received.

**Silent mode On**: Appears when the Silent mode is activated.

**Vibrator on**: Appears when a vibrate mode is on. An incoming call will vibrate the phone rather than ring it.

**Roaming:** Appears when you are out of your home area and have registered with a different network (when travelling in other countries, for example).

**Digital mode**: Indicates a Digital mode.

**Analog mode**: Indicates an Analog mode.

**1X mode**: Indicates 1X mode.

**Battery strength**: Shows the level of your battery. The more bars you see, the more power you have left.





### Backlight

The display is illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the **Backlight** option set in the **Display** menu. The backlight remains on at all times when the phone is connected to a car kit (optional).

To specify the length of time for which the backlight is active, set the **Backlight** menu option (**8-3**); see page 87 for further details.

### External Display

Your phone has an external display on the cover. It also shows Signal strength, Vibrator, and Battery Strength icon. It indicates that you have an incoming call or message, missed calls and alarms you at the specified time when you set an alarm.

When you press and hold the volume key with the phone closed, the backlight of the external display illuminates.

## Service Light

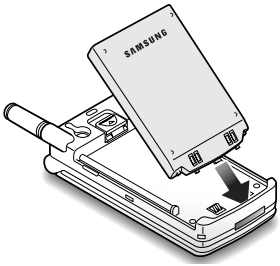
The service light is at the top left of the phone. It flashes to indicate incoming call or message. Also, the service light flashes for a few seconds when you turn on the phone.

# Getting Started

## Installing Battery

Your Samsung phone comes packaged with a partially charged, rechargeable Lithum Ion (Lilon) battery.

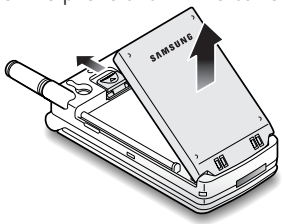
To install the battery, place the battery back on the phone. Slide the battery up towards the catch until it locks into the place.




To remove the battery, do as follows:

1. If necessary, switch off the phone by holding down until the closing animation plays.

2. Push up and hold the catch above the battery on the back of the phone and lift the battery away.






## Charging a Battery

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.

Follows these steps:

1. With the battery in position in the phone, atach the cord form the travel adaptor by plugging it into the adaptor outlet at the bottom of the phone.

2. Connect the adaptor to a wall outlet. The battery will begin charging immediately, and the service light will light and remain red while the battery icon animates.

3. The service light indicates the status of the battery being charged.
   - Red:the battery is charging.
   - Green:the battery is fully charged.
   - Yellow:the battery is not plugged in correctly or operating at a temperature that is too high or too low. Please check the adaptor and/or battery.
4. When charging is finished (The light turns green), disconnect the adaptor from the power outlet and from the phone.

**Note:** You can make a call at your convenience when the phone is plugged into the adaptor. The adaptor will continue to charge the battery even when you are making the call.

## Low Battery Indicator

You can easily tell if your battery needs to be recharged by checking the battery strength indicator in the upper-right corner of your phone's display. The presence of all three bars indicates a full charge, two bars indicates a smaller charge, and one bar indicates an even smaller charge. No bars (the battery icon is empty) means your battery must be charged.
When the battery charge level gets low, the battery sensor blinks an empty battery icon ( ), sounds a tone. If the battery level gets too low, the phone will turn off automatically. Unfortunately, if this happens you'll lose whatever you are doing, including dropping your call. Watch the battery strength icon and make sure your battery is adequately charged.





## Switching the Phone On / Off

Hold down for more than one second to switch the phone on.
The service light on the phone flashes, and an alert sounds. When the system locates services, the greeting message displays along with the date and time.You can now place and receive calls.

If the phone is out of service, the icon appears in the display. In this case, you cannot make and receive calls. You can try again later when service is available.

**Note**: You can change the LCD display language. To change the language, use the **Language** menu option (**0-4**); for further details, refer to page 91.

When you wish to switch the phone off, hold down for more than two seconds.

**WARNING!**
Do not switch on the phone when the mobile phone use is prohibited or when it may cause interference or danger.

**Note:** Your phone has a built-in antenna. As with any other radio-transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

# Your Phone's Mode

## Standby Mode

Standby is the most basic state of your phone. The phone goes into Standby mode soon after you turn it on, or whenever you briefly press . When your phone is in Standby mode, you will typically see the greeting message and current date and time. If you enter a phone number, you can press to dial it, or press OK/SA to save it in the internal phone book.

Press at any time to return to Standby mode. Be careful; if you are on a call when you press , you will return to Standby mode, but it also disconnects the call. Press CLR several times or hold it down to return to Standby mode without ending the call.

The Main Menu is accessed when you are in Standby mode.

## Talk Mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in Talk mode. While you are in Talk mode, pressing MENU gives you a list of options referred to as "In-Call Options." See page 29 for details on the options.



Getting Started

## Power Save Mode

Your phone comes with a Power Save feature that will automatically be activated if your phone is unable to find a signal after 10 minutes of searching. While this feature is active, the phone's battery charge will conserved. The phone will automatically recheck for a signal periodically. To manually force the phone recheck for a signal, press any key. A message on the display let you know when your phone is operating in Power Save Mode.

# Call Functions

## Making a Call

In Standby mode, key in the area code and phone number and press .

**Note**: If you have set **Auto Retry** option (**0-3**) to **On** (see page 84), and the line is busy or the remote person does not answer you, the phone automatically retries to make the call.

## Correcting the Number

| To clear ... | Then .... |
|---|---|
| The last digit displayed | Press . |
| The whole display | Hold down for more than one second. |

## Ending a Call

When you have finished your call, briefly press or close the phone.

If you press , the call time (length of the call) displays briefly and the phone returns to Standby mode.

## Redialing the Last Call

To redial the last call you made, press twice quickly.

Your phone stores the last 10 incoming or outgoing calls. To recall any of these numbers, proceed as follows.

1. If there are any characters on the display, clear the display by holding down for more than one second.
2. Press . The list of outgoing calls are displayed.
3. Use or to scroll through the list until you select the required name or number.
4. Press to dial the number displayed.

## Emergency Dialing

You can place emergency call from your priority number list even if your phone is locked or all outgoing calls are restricted. For further information on emergency numbers, refer to page 97.

## Prepend Dialing

The prepend option lets you add digits such as area codes and network feature activation codes to a phone number that is in your Internal Phone Book or Call Logs.

To prepend existing phone numbers in the Phone Book or Call Logs:

1. Access the phone number entry.

2. When the desired phone number displays, press MENU to access the **Options** menu.

3. Press 4 GHI ( 3 DEF in Call Logs) to select the **Prepend** option.

4. Enter the area code or feature code.

5. Press to dial the number.

## Making a Call from the Phone Book

You can store the phone numbers called regularly in memory, called the Phone Book. You then simply recall the number to dial. For further information on Phone Book, refer to page 49.

## Speed Dialing

Once you have stored phone numbers in the phone book memory, you can dial them easily whenever you want.

You can dial the stored phone number automatically without pressing . See below.

### One-Touch Dial

Memory locations 01 through 09 are special one-touch locations. You can dial the phone numbers stored in the Phone Book memory from 01 through 09 simply by pressing one button.

Press and hold the third digit of the memory location containing the number to be dialed.

For example: Location no. 009
Press 9 WXYZ and hold.

The number (and name) stored is displayed, then dialed.

### Two-Touch Dial

Memory locations 10 through 99 are special two-touch locations.

Press the second digit briefly, then hold down the third digit of the memory cell.

For example: Location no. 023
Press 2 ABC briefly and hold down 3 DEF.

The number (and name) stored is displayed, then dialed.

### Three-Touch Dial

Memory locations 100 through 500 are special three-touch locations.

Press the first and the second digit briefly, then hold down the third digit of the memory cell.

For example: Location no. 123
Press 1 and 2 briefly, then hold down 3.

The number (and name) stored is displayed, then dialed.

**Note :** When several numbers are saved in one location, only the phone number which is specified with **Set Speed Dial** option will be automatically dialed. For details, refer to the **Edit** option under **Find** menu on page 49.

## Pause Dialing

When you call automated system, 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.





### 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 tele-service phone number).
2. Press MENU. The pause menu options display.
3. Use the navigation key to highlight one of the three pause menu options offered.
4. Press OK/CS to select an option. Continue entering the number and using OK/CS to enter pauses.
   - 'P' pause : The letter 'P' displays within the nmber, meaning that a hard apuse will occur at that point in the calling sequence. Enter digits that need to follow the pause.
   - 'T' pause: Th eletter 'T' displays in th enumber, meaning that a "Timed (2 second) pause will occur at that point in the calling sequence.
   - Hyphen: Places a hyphen between characters.
5. Store the number in your Phone Book as you normally would by pressing OK/CS and following the screen prompts.

### Pause Dialing from a Stored Phone Book Entry

1. Dial the number from the Phone Book.

2. If you stored the number using "T" pause, simplay call the number form the Phone Book.

   If you stored the number using "P" pause, wait for the
   appropriate prompt for the number (credit card number,
   bank account number, etc.).
   When prompted, press to send the DTMF number that follows your pause.

### Manual Pause Dialing

You can enter pauses manually during the dialing process.

1. Enter the phone number of the service you want to connect to (such as a bank's tele-service phone number).

2. Press MENU. The pause menu options display.

3. Use the navigation key to highlight one of the three pause menu options offered.

4. Press OK to select an option. Continue entering the number and using OK to enter pauses.

3. When the number completed, press to call the nubmer.





## Voice Dialing

Before using the Voice dialing feature, you must record the name and number in your phone using the **Voice Dial** menu. For further details, see page 81.

**Note**: The voice dialing feature does not work when your phone is in analog mode.

1. To place a call, press and hold *, or open the phone, depending on the **Set Active** menu option (**6-1-4**). See page 77.

2. At the voice prompt, say the name into the microphone.

   - If the phone recognizes the name, the phone attempts a connection.
   - If the phone does not recognize the name, the screen prompts for the name again.
   - If the phone is unable to recognize the name after two attempts, the message **Cannot Recognize Name. Please check name** is displayed. Try the call again later, or check the recorded name.

3. The phone dials the corresponding number.

## Answering a Call

When somebody calls you, the phone rings and the phone icon is displayed in the middle of the display.

If the caller can be identified, the caller's phone number (or name if pre-stored in your Phone Book) is displayed. If the caller cannot be identified, only the phone icon appears.

1. To answer a call press .

   If the **Answer Mode** menu (**0-2**) is set to **By any key**, you can answer a call only by pressing any key except for .

2. End the call by pressing .

   **Note**: You can answer a call while using the phone book or menu features. The current operation will be interrupted.





## In-Call Options

Your phone provides a number of functions that you can use during a call. You may not utilize all of these functions at all times. Many of the in-call options are network services.

Press MENU during a call to access the following in-call options:

**Mute/Quit:** allows you to switch your phone's microphone off, so that the other party cannot hear you.

Example: You wish to say something to another person in the room but do not want the other party to hear you.

**Calls**: allows you to access the **Calls** menu.

**Phone Book**: allows you to access the **Phone Book** menu.

**Silent/Quit:** does not transmit the key tones. It allows you to press keys without hearing annoying key tones during a call.

**Send Tel #**: Send the telephone number to the other caller.

**My Phone #**: shows your phone number.

**Version**: allows you to view the software and hardware version of your phone.

**Note:** You can also enable the Privacy mode option during a call to make the call secure. Simply enable the Privacy mode from the security menu while connected to a call.

## Using Caller ID

This feature tells you who is calling you by displaying the caller's number when the phone rings. If a caller's name and number are stored in your Phone Book, the corresponding name is also displayed. If you call someone who has this feature, your phone number will be displayed on the their phone.

**Note**: Contact your service provider to setup the Caller ID service.





## Viewing Missed Calls

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

Press to call the displayed number, or to save the number in Phone Book.

### Dropped Calls

A dropped call can occur during a conversation in response to a signal fade or leaving a service area. In this case, the call ends and "Call Dropped" displays.

Press to clear the message and return to Standby mode.

### Failed Calls

A failed call can occur if your phone is out of calling range or the network is temporarily busy. Your phone responds to a failed call by displaying an appropriate message: "Call Failed Out of Range" or "Call Failed Network Busy."

Press to clear the message and return to Standby mode.

## Three-Way Calling

This feature enables you to conduct conference calls with two separate parties at the same time. The phone records each party into the Outgoing Calls Log. Also, You are billed airtime for each outgoing call separately.

**Note:** Contact your service provider to activate Three-Way Calling.

To place a Three-Way call:

1. During a conversation, press . The phone places the other party on hold.
2. Enter the phone number for the third party, and then press . The phone dials the third party.
3. When you are connected to the third party, press again to begin your three-way call.

If one of the callers (not you) hangs up, you and remaining caller stay connected. If you initiated the call and you hang up first, all three parties are disconnected.





## Call Waiting

Call Waiting lets you receive a second call during conversation. Your phone notifies you of a call waiting by beeping an displaying “Call Waiting.”

Your phone provides the option of turning the Call Waiting feature on and off (if you have subscribed to the service). Call Waiting is on by default in the phone. If you choose to have a undisturbed conversation, simply turn off the feature for the current call.

**Note**: Contact your service provider to activate the Call Waiting service.

To answer a waiting call:

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

**Note**: If you do not respond to a Call Waiting notification, the phone will forward the call to voicemail or another number that you have set up. Contact your service provider for more information.

## Call Forwarding

This feature provides the option of forwarding incoming calls to another phone number, even while your phone is off. Activating Call Forwarding does not affect outgoing calls made from this phone. Contact your service provider to activate Call Forwarding.

## Adjusting the Volume

During a call, if you want to adjust the voice volume, use the volume keys on the left side of the phone. Press the ▲ key to increase and the ▼ key to decrease the volume.

In Standby mode, you can adjust the ring volume using the same keys.



# Entering Text

When using your phone, you will need to enter text at many times. For example, when storing a name in the Phone Book, creating your personal greeting or scheduling events in your calendar. You can enter alphanumeric characters into your phone by using your phone's keypad.

You are provided with the following text input modes;

- **T9 Word:** This mode allows you to enter words with only one keypress per letter. Each key on a keypad has more than one letter - a single press on 5 JKL could be J,K or L. The T9 mode automatically compares your key presses to an internal linguistic database to determine the correct word. The T9 mode requires far fewer keystrokes than the traditional multi-tap method, ABC mode.
- **ABC:** This mode allows you to enter letters by pressing the key labeled with the desired letter once, twice, or three times until the letter appears on the display.
- **Symbol:** This mode allows you to enter special characters.
- **123:** This mode allows you to enter numbers.

**Note:** T9 mode supplies an appropriate language database as your language setting menu( **0-4**).

## Changing Text Input Mode

When you are in a field that allows characters entry, you should notice the text input mode indicator in the display.

You can change between **T9 Word** and **ABC** mode to enter words. To include a symbol or number(s) between characters, **Symbol** and **123** modes are also available. To change to another text input mode;

1. Press MENU.
2. Scroll to the desired mode by pressing navigation key.
3. To select the mode highlighted, press OK.
   If you want to exit the menu without changing to a new mode, press CLR.
4. You will find the selected text input mode indicator in the display.





## T9 Mode

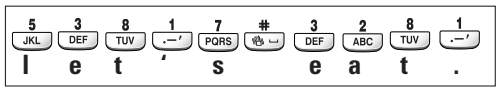
To type a word, press keys corresponding to the letters you need. Remember the following as you are typing:

1. Press keys on the handset just once per desired letter. For example, to enter 'hello', press 4 GHI, 3 DEF, 5 JKL, 5 JKL, 6 MNO.
2. The word you are typing appears in the display. It may change with each key press.
3. Type to the end of the word before editing or deleting any keystrokes.
4. Complete each word with a space by pressing #.

If the word that appears in the display is not the word that you desire, press 0 one or more times to display alternate word choices for the keys you have typed. (For example, 'of' and 'me' both shares the sequence 6 MNO, 3 DEF. The phone displays the most commonly used choice first.)

### Smart Punctuations

Period, hyphen, and apostrophe are available on 1. **T9** applies rules of grammar to insert the correct punctuation. Notice that 1 is used twice in this example to display two punctuation marks:



## Including a Number

You can include a number between letters without exiting the T9 input mode. Press and hold the desired number key.

## Changing Case

Your phone offers three shift states;

- T9 Word : initial letter is capitalized
- T9 WORD : all letters are capitalized
- T9 word : all letters are lower case

Press * one or more times to display the appropriate shift indicator, and begin typing normally.

## Another Usages

To move the cursor left or right through your text message, press navigation key.

Press CLR one or more times to clear letters to the left. Press and hold CLR to erase all.





## ABC Mode

When typing in **ABC** mode, you should press key labeled with the required letter:
-Once for the first letter
-Twice for the second letter
-And so on.

For example, you press 2 ABC three times quickly to display the letter "C", 5 JKL two times quickly to display the letter "K". So, this method is called multi-tap typing.

Refer to the table on next page for the list of characters assigned on each key.

**List of characters available:**

| Key | Characters in the Order Displayed |
|---|---|
| 1 .–' | 1 . @ , : ? - ; ' / ( ) ! # % & * < > _ + = " \ { } $ [ ] |
| 2 ABC | A B C 2 |
| 3 DEF | D E F 3 |
| 4 GHI | G H I 4 |
| 5 JKL | J K L 5 |
| 6 MNO | M N O 6 |
| 7 PQRS | P Q R S 7 |
| 8 TUV | T U V 8 |
| 9 WXYZ | W X Y Z 9 |
| 0 | 0 |

(Caps Lock mode)

## Changing Case

Your phone offers three shift states;

- Abc : initial letter is capitalized
- ABC : all letters are capitalized
- abc : all letters are lower case

Press * one or more times to display the appropriate shift indicator, and begin typing normally.

## Another Usages

The cursor moves to the right when you press a different key. When entering the same letter twice (or a different letter on the same key), just wait for a few seconds for the cursor to move right automatically, and then select the next letter.

- Press # to insert a space.
- To move the cursor left or right through your text message, press navigation key.
- Press CLR one or more times to clear letters to the left. Press and hold CLR to erase all.





## Symbol Mode

**Symbol** mode enables you enter symbols.
Press navigation key to display more symbols.

Press keys corresponding to the desired mark, then the phone automatically switches back to the text entry mode used just prior to selecting the Symbol mode.

## 123 Mode

**123** mode enables you to enter numbers. Press keys corresponding to the desired digits, and manually switch back to text entry mode of choice.

# Using the Menus

The phone offers a range of functions that allows you to tailor the phone to your needs. These functions are arranged in menus and submenus.

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

## Accessing a Menu Functions by Scrolling

1. In Standby mode, press MENU to access the menu facility. Scroll with MENU (or navigation key ) to reach the desired main menu. Press OK to enter the menu.

2. If the menu contains any submenus: for example, **Language**, find the one you want by scrolling with navigation key. Press OK to enter the submenu.

   If the menu you have selected contains submenus, repeat this step.

3. Scroll with navigation key to find the setting of your choice. Press OK to confirm the chosen setting.

**Notes:**
- You can return the previous menu level by pressing CLR .
- You can exit the menu without changing the menu settings by pressing .

## Accessing a Menu Functions by Using its Shortcut

The menu items (menu, submenus and setting options) are numbered and can be accessed quickly by using their shortcut number.

1. In Standby mode, press MENU to access the main menu.

2. Within three seconds, key in the first digit of the shortcut number. Repeat this for each digit of the shortcut number.

Example: Accessing the **Ringer Type** option

Press 7 PQRS and 2 ABC.

**7** for **Sounds**, **2** for **Ringer Type** menu function.

3. Find the setting of your choice pressing navigation key, and then press OK .

**Note:** The numbers assigned to each menu function are indicated on the list on page 44.

# List of Menu Functions

| Main menu | Main menu 1 | Main menu 2 |
|---|---|---|
| 1. Calls | 1. Outgoing | |
| | 2. Incoming | |
| | 3. Missed | |
| | 4. Erase History | 1. Outgoing |
| | | 2. Incoming |
| | | 3. Missed |
| | | 4. All Calls |
| | 5. Air Time | 1. Last Call |
| | | 2. Total |
| | | 3. LifeTime |
| | | 4. Erase Total |
| 2. Phone Book | 1. Find | |
| | 2. Add | |
| | 3. Rename Group | |
| | 4. My Phone # | |
| | 5. Memory | |
| 3. Message | 1. New Message | |
| | 2. Voice | |
| | 3. Inbox | |
| | 4. Outbox | |
| | 5. Filed Msg | |
| | 6. Web Alert | |
| | 7. Erase Msg | |
| | 8. Msg Setting | 1. General |
| | | 2. New Message |
| 4. Web | 1. Get in Web | |
| | 2. Prompt | |
| 5. Planner | 1. Today | |
| | 2. View Month | |
| | 3. Jump To Date | |
| | 4. To Do List | |
| | 5. Memo Pad | |
| | 6. Count Down | |
| | 7. Alarm Clock | |
| | 8. World Time | |
| | 9. Caldulator | |
| 6. Voice | | |
| | 1. Voice Dial | 1. Record |
| | | 2. Review |
| | | 3. Erase All |
| | | 4. Set Active |
| | 2. Voice Memo | 1. Record |
| | | 2. Review |
| | | 3. Erase All |
| | 3. Voice Answer | 1. On/Off |
| | | 2. Config |
| | | 3. Inbox |





| Main menu | Main menu 1 | Main menu 2 |
|---|---|---|
| 7. Sounds | 1. Ringer Vol | 1. Calls |
| | | 2. Messages |
| | | 3. Alarm |
| | | 4. Key Beep |
| | 2. Ringer Type | 1. Voice Calls |
| | | 2. Messages |
| | | 3. Alarm |
| | | 4. Data/Fax In |
| | | 5. Planner |
| | 3. Tone Length | |
| | 4. Alerts | 1. Minute Beep |
| | | 2. Service |
| | | 3. Connect |
| | | 4. Disconnect |
| | | 5. Fade |
| | | 6. Roam |
| | 5. Roam Ringer | |
| 8. Display | 1. Animation | |
| | 2. Greeting | |
| | 3. Backlight | |
| | 4. Contrast | |
| | 5. Auto Hyphen | |
| | 6. Dual Clock | |
| 9. Game | 1. Push Push | |
| | 2. Fly Ribbon | |
| | 3. Spider | |
| 0. Setup | 1. Auto Answer | |
| | 2. Answer Mode | |
| | 3. Auto Retry | |
| | 4. Language | |
| | 5. Set Time | |
| | 6. Set NAM | |
| | 7. Set System | |
| | 8. Data/Fax | |
| | 9. Version | |
| | 0. Security | 1. Lock Phone |
| | | 2. Change Lock |
| | | 3. Restrict |
| | | 4. Emergency # |
| | | 5. PIN |
| | | 6. Erase PBook |
| | | 7. Reset Phone |

# Calls

You can use the **Calls** menu to:

- View and dial the last outgoing or incoming numbers.
- Erase the numbers in the call log memory.
- View the duration of calls.

## Outgoing *Menu 1-1*

**Note**: You can also access this menu by pressing and holding the key in idle mode.

The phone stores up to 10 outgoing calls you dialed. When you access this menu, the list of outgoing calls is displayed.

1. Press up or down navigation key to find the desired number (or name if saved in Phonebook).

2. Press MENU to select the highlighted number. The dialed number (and name if stored in Phonebook) is displayed.

3. If you want to access **Options**, press OK . The following options are available:

   - **Talk**: dials the selected number.
   - **Save**: allows you to save the number in the Phone book.
   - **Prepend**: allows to add an area code or feature code to the number before calling the number.

   If you want to place a call to the displayed phone number, press . To exit the call log, press .





## Incoming *Menu 1-2*

This option lets you view the last 10 calls received (if you are subscribed to the caller ID service). When you access this menu, the list of the incoming calls is displayed.

For further information on scrolling through the list and accessing a call log, see “Outgoing” on page 46.

## Missed *Menu 1-3*

If the caller identification is available (contact your service provider), your phone keeps a list of 10 incoming calls that you failed to answer.

For further information on scrolling through the list and accessing a call log, see “Outgoing” on page 46.

## Erase History *Menu 1-4*

You can erase the entries stored in each of the three call logs or all three logs at once.

The following options are available:

**Outgoing**: The calls you made are erased.

**Incoming**: The calls you received are erased.

**Missed**: The calls you missed are erased.

**All Calls**: All calls you made, received and missed are erased.

When a confirming message pops up, press OK/ to erase the log. If you want to cancel the operation, press CLR .

## Air Time

*Menu 1-5*

Your phone records the amount of airtime (or talk time) used. Using this option, you can view the number of the calls to or from your phone, and the airtime for all calls. You can easily erase the airtime measurement at any time and there fore is convenient for estimating your usage.

**Note**: This feature is not intended for billing puroses.

The following options are available:

**Last Call:** shows airtime of the last call.

**Total:** shows the number of all calls made to or from your phone and total duration of the calls since the air time counter was lastly set to zero by using the **Erase Total** option.

**LifeTime:** shows the number and total duration of all calls made to or from your phone since the phone was shipped from the factory.

**Erase Total:** erases the "Total" airtime measurement and resets the air time counter.



# Phone Book

The Phone book allows you to store frequently used phone numbers and the associated names in your personal directory to make it easy for you to make a call without having to remember or enter the phone number. You can store up to 500 numbers.

## Find

*Menu 2-1*

This option allows you to find an entry.

**Note**: You can access this menu by pressing idle mode.

1. Press left or right navigation to scroll to the desired method.

   **By Name:** enter the character(s) you want with the desired Input mode. Then the phone shows the entries containing that character(s).

   **By Entry:** enter the location by pressing the numeric keys.

   **By Group:** Select the group containing the entry you want to find using left or right navigation key. The phone lists all entries in the selected group.

2. When the desired entry is highlighted, press OK/ to access the entry.

3. The phone shows the details on the name. Press to place a call or press MENU to see the following options.

**Talk**: allows you to place a call.
**Edit**: allows you to edit phone number, name, location number, label category and so on.
**Erase**: erases the entry.

With an entry selected, if you press MENU, you can access the following options:

**Edit**: allows you to edit phone number, name, location number, label category and so on.

**Erase**: erases the number.

**Add New**: allows you to add a new entry. Refer to **Add** menu(**2-2**) for details.

## Add

*Menu 2-2*

This menu allows you to store a number with a name in your Phone Book. You can save a person's various numbers, such as workplace number, mobile number and fax number, into one entry. Using this feature, you can keep someone's information together. It also helps you to find numbers easily in the Phone Book.





### Creating a New Entry

1. Enter a phone number and press OK/✉.
2. Press OK/✉ to confirm to add a new entry.
3. Select the label to save the phone number using the left or right navigation key and press OK/✉.
4. Highlight the desired option you want to customize by using the navigation key. The following options are available:

- **New Name**: To enter the desired name. You can enter up to 12 characters. For further information on how to enter text, see page 36.
- **Location**: The first available location displays. If necessary, enter the location number using the number keys.
- **Mobile/Office/Pager/Fax/No label**: Select the label to edit the number.
- **E-mail**: To edit the e-mail address.
- **Voice Dial**: To set the voice dial for the number.
- **Speed Dial**: To set the speed dial for the number.
- **Group**: To set the group containing the entry.
- **Ringtype**: Select the unique ring type for the entry. By selecting different tones, incoming voice calls which have caller ID can be distinguished from those that do not.

- **Secret**: To set the number in secret, select **On**. This prevents a number from being displayed or dialled when it is accessed by unautorized user. When you have made the number secret, only a person with your phone's lock code can view the number.

4. Press OK to edit the setting for the selected option.

5. Repeat steps 3 and 4 to customize another option.

6. Press OK to save the entry.
   After storing, the phone displays the phonebook entry number you saved and the remaining entries you can further store phone numbers.

## Storing Phone Numbers at Call End

To store a phone number at your call end:

1. Press to end the call. The call time and the phone number display.

2. To store the phone number, press OK .

3. To complete storing the number, follow the instructions in "Creating a New Entry."





## Rename Group *Menu 2-3*

This option allows you to edit the name of the group.

1. Scan through the list using up or down navigation key to edit the group name.

2. Press OK to select the group.

3. Enter a new group name.
   For further details on how to enter characers, see page 36.

4. Press OK to save it.

## My Phone # *Menu 2-4*

This option displays th ephone number of th ephone being used.

## Memory *Menu 2-5*

This option shows the memory information for the phone book and the voice dial.

# Message

Your phone can receive voicemail notification, text messages, and pages. Also, your phone can send text messages and pages if you system supplier provides this service.

When the phone receives a message, an alert sounds, a text notification displays and the name and phone number of the caller if available. The New Message icon remains on the screen until you read the new text, numeric page or Web Browser message, or until you listen to the new voicemail messages.

Incoming messages are received even when your phone is in Lock mode. However, the screen will not display information about the message. To access a message, or to return a call other than an emergency or priority number, unlock the phone to proceed.

If you are on a conversation, and you receive an incoming message, your phone automatically mutes the ringer (this is to avoid ringing in your ear while you are trying to converse).

## New Messages *Menu 3-1*

You can create short text messages, and numeric pages, to send to other mobile numbers.

**Note**: Transmitting message is only supported in digital networks, and if service is provided by your service provider.

1. Enter the Send-To phone number using the numeric keys and press OK/SEND .

2. Enter the message contents, or a numeric page. For further details on how to enter text, see page 36.

   **Note**: A total of 180 characters, including e-mail address character length if send-to destination is an e-mail address, can be entered for each message, can be entered for each message.

3. When entering is finished, press OK/SEND.

4. If you wish to edit the following available options before transmitting the message, press MENU.

   **Send To**: Edit the send-to phone number.

   **Message**: Edit the message contents already entered.

   **Callback #**: Edits the callback number. Enter the new number to replace the current number.

   **Delivery ACK**: edits the Delivery Acknowledgement. You can toggle between **YES** or **NO** by pressing the navigation key .

   **Priority**: edits the priority level of the message. You can toggle between **NORMAL** or **URGENT** by pressing the navigation key .

   **Note**: Callback, Delivery ACK, and Priority are already preset to default values in the **Settings** menu .

5. Press OK to send the message.

**Note**: Closing the phone or pressing before message is transmitted will terminate the message transmission.

## Voice

*Menu 3-2*

When the voicemail notification displays, press OK or to scroll to the desired voice mail and press to review and re-review the message. If multiple new voicemails are received but not reviewed, then only the last received voicemail information will be displayed. The display information will include time / date stamp, number of new voicemails, and callback number.

While reviewing the message, press MENU to access the following options.

**Listen**: allows you to listen to voicemail message. The phone will automatically dial your voicemail box.

**Reset**: resets the message icon and the counter for new voicemail messages, if desired. (The system resets the counter automatically after you listen to all new messages.)





## Inbox

*Menu 3-3*

Your phone can store up to 100 pages and text messages, depending on the length of the message. If the message memory is full, a message is displayed and the phone rejects additional messages until you erase the stored messages.

Press up or down navigation key to scroll to the desired one of the messages in the list and press OK . The phone displays the message contents. If necessary, press up or down navigation key to scan through the contents.

While viewing a message, press MENU to access the following options.

**Reply**: allows you to send a reply message to the sender.

**Forward**: allows you to send the message to the other person.

**Delete**: deletes the message.

**Save addr**: allows you to save the sender's phone number into your Phonebook. For further information on storing a number, see page 50.

**Save cb#**: allows you to save the call back number of the message.

## Outbox

*Menu 3-4*

Your phone can store up up to 95 transmitted messages until the total length of the message exceeds 16 kbytes. You can review or resend the messages stored in Outbox, if needed.

When you enter the Outbox menu, you can see the message list. The marker **!** next to the message means that it is urgent.

Press up or down navigation to scroll to the desired message and press OK to review the message. The display shows the date and time when the message is created, the designated number (and name if saved in Phonebook) and message contents.

If necessary, press up or down navigation to scan through the contents.

While reviewing a message, press MENU to access the following options.

**Re-send**: allows you to resend the message. For further information on sending a message, see page 54.

**Delete**: deletes the message from Outbox.





## Filed Msg

*Menu 3-5*

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

To store unsent message to the filed message folder;

1. Follow the process of writing a new message.

2. When you finish inputing the message press MENU for option.

3. Select Action, and press OK .

Press up or down navigation key to scroll to the desired message and press OK to review it. Press MENU for further options.
Select **Edit** to edit it, and select **Delete** to delete it.

## Web Alert

*Menu 3-6*

When you receive a new Web alert, your phone notifies you and displays the folloing opitons. To select an option, scroll to highlight it and press OK .

**View:** to access the Web Inbox an ddisplays the message.
**Clear**: you can press CLR if you do not wish to read the message at this time.

## Erase Msg *Menu 3-7*

Using this menu option, you can erase all messages in each of three message boxes; Voice mail box, Inbox and Outbox.
You can also erase all of the messages at one time.

## Message Setting *Menu 3-8*

Via this menu, you can preset several options for new message transmission.

### General

**Scroll Timer:** You can set the screen to scroll automatically or not.

- 1~5 seconds: If an incoming message is too long for the display, the phone displays it by scrolling the screen automatically. You can set the time when the phone scrolls to the next screen.

- Off: It does not scroll automatically. You should scroll to next screen manually using up or down navigation key.

**Msg.Reminder:** Following options are available.

- Off: It doesn't alerts when you receive an incomming call.
- Once: It alert just once when you receive an incomming call.
- Every 2 min: It alert every 2 minutes when you receive an incomming call.





**Voice Mail #:** All unanswered call sto your phone are automatically transferred to voicemail, even if your phone is off or in use. You can set up the voice mail #.

### New Message

You can set up the following options as default setting when creating a new message.

**Call Back #**: You can set the call back number. Your phone number is preset at factory.

**Save Message**: allows you to set whether you want the transmitted message to be saved in Outbox or not.

- Do not save : not to save automatically
- Prompt Save: asks you to save it or not
- Auto Save: save the message automatically

**Entry Method**: You can select the text input mode between **T9 Word** and **Alphabet** (ABC).

**Delivery Ack**: allows you to activate or deactivate the delivery acknowledgement feature. When this is activated, the network informs you whether your message has been read or not by the recipient.Select **On** to turn on the feature or **Off** to turn it off.

**Canned Msg.**: allows you to set the one of canned messages.

# Web

## About Web Browser

Your phone comes equipped with a Web Browser makes it possible for you to access the Wireless Web.

The Web Browser allows you to access up-to-the minute information through your phone. Browsing the Wireless Web through your phone is unlike using your computer in that site providers have selected only the critical aspects of their site to present to wireless phone users, and have removed most graphics.

Each time you start the Web Browser, the phone will connect to the Wireless Web and the service indicator icon ( ) will appear on the display. Any time the service indicator icon is visible on the display, you are connected to the Wireless Web and will be billed accordingly. Rates will vary according to your service option.

The Web Browser will end the connection after a certain period of network inactivity and will automatically reconnect as necessary. For this reason, you may find that you are billed for several network connections within a single session. This is normal and is designed to minimize your bill.

## Get in Web

*Menu 4-1*

**Note:** The first time you use the Web Browser, you will go through a security setup process that takes 3 to 5 minutes. Please follow the on-screen prompts to complete the security setup process. This initial setup process occurs only the first time you access the service.

1. Accessing the Web Browser menu connects your phone to the Wireless Web.

   **Note:** If a reminder appear depending on your setting in the Web Browser Setup menu, simply answer **Yes** or **No** using the soft keys ( MENU and OK/SS ).

2. Once connected, the Home page (or the last page visited) will be displayed.

3. The opening page when accessing the Web Browser is dependent on the Wireless Web service provider content. To scroll through the screen, use up or down navigation key.

## Exiting the Web Browser

To exit the Web Browser, simply press at any time.

If the “Prompt to end” or “Prompt both” option is set in the Web Browser Setup menu (see page 66), you will be prompted whether you want to end the Browser call.

## Using the Web Browser Soft Keys

At the bottom of the Web Browser display is a solid bar which contains browser commands. “Soft” keys ( MENU and OK/✉ ) below the solid bar are used to execute the commands. These two keys are called soft keys because their function changes depending on where you are in the Web Browser software.

## Navigating the Web Browser

When you use the Web Browser, some keys on your phone operate differently than on a normal phone call. These keys are explained below. The Web Browser presents on-screen items in one of the following ways:

- text or numeric input
- links (embedded in content)
- numbered options (some options may not be numbered)
- simple text

You can act on the options or links by making use of the soft keys. The soft keys are located below the bottom line of the display.

Here’s how the keys work in the Web Browser:

**Navigation Key:** Use the navigation key to scroll to and select browser options. The currently selected option is indicated by an arrow. You can also use the navigation key to move the cursor when editing text.

**MENU Key**: This is the left soft key. The right soft key is used primarily for secondary options, or a menu of secondary options. For more info, see “Using the Web Browser Soft Keys.” on page 64.

**OK Key**: This is the right soft key. The left soft key is used primarily for selecting the highlighted item, but its function may change depending on what you are doing (see “Using the Web Browser Soft Keys.” on page 64).

**END Key**: Exits the Web Browser and returns the phone to Standby mode.

**Clear Key**: This key performs two important functions:

- Backs you up in the browser. Pressing it once backs you up one page. Pressing and holding this key backs you up to the Home page.
- Clears out entered text or numbers. When entering numbers or text, press this key to clear the last number, letter, or symbol. Press and hold this key to completely clear the input field.

**Numbered Keys 0 - 9**: If the items on a page are numbered, you can use these keys to select them.

**Volume Key**: Allows you to scroll up or down by a page or change the volume setting.

## Entering Text, Numbers or Symbols in the Web Browser

When prompted, you can enter text, numbers or symbols using the same way as in the phone mode. See page 36 on how to enter letters.

## Prompt *Menu 4-2*

Your phone can be set to view a prompt each time you start or end a Browser session. You have the option to change when the start prompt is displayed. The dufault setting is set to start prompt.

The following options are available:

- **To Start**: This is default setting. You will see the prompt when enter the browser, but not when you exit it.
- **ToEnd**: You will see the prompt only when you exit the browser.
- **Both**: You will be prompted when you enter or exit the browser.
- **None**: You will never see this prompt.



# Planner

The Scheduler feature enables you to:

- Keep track of important dates and events
- Create a list of things to do
- Check the time in another part of the world
- Use the phone as a calculator

## Today *Menu 5-1*

You can schedule up to 9 events for the current day indicating each event's start and end time. You can even have your phone's calendar alert you before an event is to start. Events scheduled for future dates automatically appear on your Today events schedule on that day.

To enter a new event;

1. Enter your event information. You can enter up to 32 characters. For more information on entering letters, see page 36.
2. Press OK/✉ to accept your entry.
3. Enter the Start Time and Date using the numeric keys and press OK/✉.
4. Enter the End Time and Date using the numeric keys and press OK/✉.
5. Select when an alarm will notify you of your event by pressing left or right navigation key. Selecting **No alarm** does not ring the alarm.
6. Press OK/✉ to save your event.

If you already scheduled events when you select the **Today** menu option (**5-1**), the events are displayed. Press OK to select the event you want to view.

The following options are available when you press MENU.

**Add new:** allows you to add a new event.

**Edit :** allows you to edit a scheduled event.

**Erase :** allows you to erase a selected event.

**Erase All:** allows you to erase all events.

After you select an option, press OK. Then follow the screen prompt.

## View Month

*Menu 5-2*

You can to enter this menu by pressing the left navigation key in standby mode.

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

- You can move up or down the Calendar by one week by pressing or .
- You can move right or left one day by pressing or .
- To display the next or previous month, press or .





The following options are available when you press MENU.

**View:** allows you to view the scheduled events of the selected day.

**Add new:** allows you to add a new event on the selected day.

To create a new schedule;
scroll to the desired date in the calendar using the navigation keys or volume keys and then press OK to confirm the selected date. And schedule a new event referring "Today" on page 67.

When a stored memo is displayed, press MENU to access the **Options**.

For further details on Options, refer "Today" on page 67.

## Jump To Date

*Menu 5-3*

This feature allows you to specify the calendar date you want to view. Once at your desired date you can enter, edit and delete events in your calendar.

Enter the date using the numeric keys, and press OK/SEL .

To create, edit or erase the events, refer to "View Month" on page 68.

## To Do List

*Menu 5-4*

This feature allows you to draw up a list of tasks to be done and assign a priority and deadline to each task.

To creat a new task;

1. Enter the first task.

   **Note:** You can enter up to 32 characters. For further details on how to enter characters, see page 36.

2. Press OK/SEL to confirm.

3. Enter your deadline using the numeric keys.

4. Select high or low priority using up or down navigation key and then press OK/SEL to store the task.

If tasks are already defined in the To Do List, the current contents are displayed with the deadline and the associated priority (High or Low).





Scroll to the desired item by pressing left or right navigation key.

The following options available when you press MENU.

**Add new:** allows you to add a new task.

**Edit:** allows you to edit a saved task.

**Erase:** allows you to erase a selected task.
**Erase All:** allows you to erase tasks.

After you select an option, press OK/SEL . Then follow the screen prompt.

## Memo Pad

*Menu 5-5*

This feature allows you to write down memos.
You can enter up to 60 characters for each memo.

If memos are already saved, scroll to the desired item by pressing up or down navigation key.

The following options available when you press MENU.

**Add new:** allows you to add a new memo.

**Edit:** allows you to edit a saved memo.

**Erase:** allows you to erase a selected memo.
**Erase All:** allows you to erase memos.

After you select an option, press OK/SEL . Then follow the screen prompt.

## Count Down

*Menu 5-6*

This menu help you know how much time it takes you to do something, or how many months, days, hours and minutes until a specific day. You can create up to 30 Count down timers using this menu.

To create a new count down timer;

1. Enter a name for your new Count down item and press OK. For details on entering text, see page 36.
2. Enter the date and time that you want to Count down to or from.

   **Notes:** You can enter the years between 1980 and 2099 for dates.

3. Press OK to save the item.

If a Count Down timer is already defined when you select the **Count Down** menu option (**5-6**), the defined Count Down timer is displayed.

If there are more than one items defined in the menu, scroll to the desired item by pressing left or right soft key.

The following options are available when you press MENU.

**Add new:** allows you to create a new item.

**Edit :** allows you to edit the item.

**Erase :** allows you to delete the item.

After you select an option, press OK. Then follow the screen prompt.





## Alarm Clock

*Menu 5-7*

This option allows you to set or release the alarm to ring at a specific time. Press MENU to access the options.

**Set**: to set the alarm, proceed as follows:

1. Select the alarm frequency option by pressing up or down navigation key and press OK.
   - **Once**: the alarm rings only once and is then deactivated.
   - **Daily**: the alarm rings every day at the same time.
2. Enter the required time when an alarm rings using the numeric keys.
3. Press OK to save the setting.

To stop the alarm when it rings, press any key.

**Release**: to release the alarm, press OK.

## World Time

*Menu 5-8*

This menu allows you to check the current time for Greenwich Mean Time (GMT) and major cities around the world.
Select the city corresponding to your time zone by pressing the navigation keys one or more times. The local date and time are displayed.

## Calculator

*Menu 5-9*

Using this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication and division.

1. Enter the first number using the numeric keys.
2. Set the operator for your calculation by pressing the navigation keys until the required arithmetic symbol appears: + (add), - (subtract), x (multiply), / (divide).
3. Enter the second number.
4. To calculate the result, press OK/Ok .
5. Repeat steps 1 to 4 as many times as required.

   Each time you change the operator, the previous calculation is performed and the result is displayed as the top number in the display.

**Note**:
- To erase any mistakes and clear the display, press CLR.
- Use * to enter a decimal point and # to change the sign of a number to a negative (-).

# Voice

In this menu, you can use the phone's voice features such as:

- voice dialing
- voice memo
- voice answer

## Voice Dial *Menu 6-1*

When your phone is in digital mode, you can call up to 20 stored entries by speaking the name into the microphone. Using the Voice dialing option requires that you first program the phone to recognize the name of the person you are calling.

**Note**: You can enter quickly this menu by pressing and holding * key in Standby mode.

### Record

This option allows you to record names and register numbers for subsequent voice dialing. The phone provides voice prompts and screen displays to guide you through the recording process.

1. Say the name you want to program at the prompt. The phone stores the name as a first sample.

2. Respond to the prompt by repeating the name after the beep. The phone stores the name as a second sample, and then prompts you to enter the phone number.

3. Enter the phone number by pressing the numeric keys and press (OK/ESS) .

4. Complete storing the number into Phonebook referring page 65.

**Note**: You can also program the phone for voice dialing by accessing the **Phonebook** menu. Use **Add Entry** menu under **Phonebook** to store a phone number, then select **Voice Dial** from the label category.

*** Tips on Recording Name**

- Avoid recording similar names phonetically. If you record a similar name to the one already in memory, the phone requests another name.
- Speak clearly and naturally.
- The person who will use the phone should record the name. The phone does not recognize the name if the voice sounds differently.
- Avoid too long or too short name. Names with two to five syllables are recommended.
- If this feature does not work properly, erase the name, and record with another name.
- It is recommended to practice several times to obtain best result.
- You can record up to 20 names. If you try to record more than 20, the phone announces 'Memory is full'.





## Review

When a list of your stored voice dial numbers displays, scroll to the desired entry and press (OK/ESS) .
The recorded name plays audibly.

## Erase All

This option erases all entries in the Voice Dial list.

## Set Active

Voice Dialing is always active once you have programmed the phone to accept voice dialing entries and the associated phone number.

To place a call using Voice Dialing, simply press and hold [*] in Standby mode and then say the name into the phone after you hear the prompt.

You can also initiate a Voice Dialing call by following options.

**[*] Only:** enables Voice Dialing only by pressing and holding [*] .

**[*] /Folder:** enables Voice Dialing by pressing and holding [*] or by opening the phone.

**[*] /EarMic:** enables Voice Dialing by pressing and holding [*] or by pressing and holding the button of your ear microphone.

# Voice Memo

*Menu 6-2*

## Record

You can record 4 separate voice memos. Each voice memo can be up to one minute in length. When recording, a 60-second timer displays and an alert souds to indicate when recording time expires.

When you speak into the phone to record the voice memo, press OK to stop recording.

The record finished screen is displayed with the following choices:

**Review**: to review the voice memo. The screen displays the length of the recording with the date and time.
**Rerecord**: to rerecord the voice memo.
**Save**: to save the voice memo and add a title.

## Review

When a list of your stored voice memo displays, scroll to the desired entry and press OK to play the voice memo.

## Erase All

This option erases all entries in the Voice Memo list.





# Voice Answer

*Menu 6-3*

This menu allows you to have incoming messages stored directlry into the phone. When this option is turned on, the caller's messgae is recorded directlry into memory. This is uses the voice memo memory, so the amount of time is dependent on th eavailable memory less any voice memos.

## On / Off

This option allows you to activate the option to enable or disable.

## Config

**- Greeting** : You have a predefined greeting message to be played when a call comes in. Also, you can have one greeting message recorded as your preference.

1. Wait until a prompt beep sounds and record the voice memo by speaking into the microphone.

   While recording,you can pause recording by pressing left navigation key , and resume by right navigation key.

2. When recording is completed, press OK. The phone automatically saves and activates the message.

3. If you want to play back the currently selected message, highlight **Play** and press OK .

If you want to record a new message, highlight **Record** and press OK. Repeat steps 1 to 2.

**Note**: Each time you record a message, your phone automatically overwrites the old message.

If you want to select a greeting message to be played, highlight **Select** and press OK. Select **Mine** to use your own message and **Default** to use the default message and press OK .

4. Press CLR to back up one menu level.

- **Screening**: turns on or off the screening speaker which allows you to listen to the caller's message while the caller is leaving it.

- **Wait time**: sets the time the phone waits before answering the call with the greeting message. The wait time can be set to **No ring**, **After 3 sec**, **After 5 sec**, or **After 10 sec**. Selecting **No ring** plays back the message as soon as the phone receive signal of a call.





## Inbox

1. The list of the recorded memos appears.

   **Note**: If the phone has the caller's messages waiting to be checked, it displays the total number of the messages and the date and time when the last message was recorded. Pressing OK takes you to Inbox.

2. Press up or down navigation key to scroll to the desired message and press OK to play it back.

   While playback, you can pause playing by pressing left navigation key , and resume by right navigation key.

3. If you want to access the following options, press MENU.

   **Info**: shows the detailed information on the memo, such as the caller's number (if identified), elapsed time, memory used for the message and the time when the memo was recorded.

   **Erase**: erases the selected message.

   **Erase All**: erases all of the recorded messages.

   **Talk**: places a call the caller's number (if identified).

   **Save**: stores the caller's number (if identified) into your Phonebook.

4. Press CLR to back up one menu level.

# Sounds

You can use the **Sounds** menu to customize various sound settings, such as the:

- Ringer volume, type, and tone
- Key beep and voice volume
- Alert sounds and a ringer for the roaming calls
- The ringer which sounds when the phone is switched on or off

## Ringer Vol *Menu 7-1*

This menu option allows you to adjust the ringer volume.

**Calls**: allows you to adjust the ringer volume for the incoming calls.

**Messages**: allows you to adjust the ringer volume for the messages.

**Alarm**: allows you to adjust the ringer volume for an alarm.

**Key Beep**: allows you to adjust the volume for the key beep.

Press or to adjust the volume or select the type.

**Volume Level:** adjust the volume level (the more bars, the louder).

**Vibrate:** switches the phone to vibration mode. An incoming call vibrates the phone.

**1 Beep:** sounds a beep.





## Ringer Type *Menu 7-2*

This option allows you to set a unique ring for voice calls, messages, data/fax, alarm, and schedule. Select a unique ring tone from 25 melodies. As you change it, it sounds for a few seconds.

**Voice Calls**: allows you to set a unique ring for incoming voice calls.

**Messages**: allows you to have a distinctive ring for an message alert.

**Alarm**: allows you to have a distinctive ring for an alarm.

**Data/Fax In**: allows you to be alerted with a distinctive ring tone when you are faxed or received a data through the phone (dependent on the network ).

**Planner**: allows you to have a distinctive ring for a planner alarm.

## Tone Length *Menu 7-3*

The tone length setting enables you to select **normal** or **long** DTMF (dual-tone multi-frequency) tones. When you use a teleservice (such as your bank account) and press the keys to enter numbers into the teleservice, you are sending DTMF tones. The system used by the bank or other service determines if you need short or long DTMF tones. If the service is digital (which most are these days) short DTMF will almost always work. However, some new systems and almost all older (analog) systems require you to use long DTMF tones. Many home answering machines require long DTMF tones.

## Alerts

*Menu 7-4*

Your phone gives audible alerts (beeps) at a specified time to inform you that certain things have happened. The alerts only occur in your earpiece so the other party does not hear them.

The available alerts are:

**Minute Beep**: With this menu option set to **On**, the phone sounds an alert 10 seconds before each elapsed minute to remind you of the length of the current call.

**Service**: With this menu option set to **On**, the phone sounds an alert when you exit service area or when you return to a service area.

**Connect**: With this menu option set to **On**, the phone sounds the connect tone when your call is connected to the system.

**Disconnect**: With this menu option set to **On**, the phone sounds the disconnect tone when a call is disconnected.

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

**Roam**: With this menu option set to **On**, the phone sounds an alert when your phone starts roaming.





## Roam Ringer

*Menu 7-5*

You can set the phone to use a distinctive ring for incoming roaming calls.

Press up or down navigation key to choose **On** to use a distinctive ringer or **Off** to use a normal ringer.

# Display

The Display feature enables you to:

- Set the length of time for backlight.
- Create your own greeting, and select an animation to be displayed in Standby mode or when powered on or off.
- View the version of your phone.

## Animation *Menu 8-1*

Your phone displays graphics images when you set this option. This setting is just for fun and grins so have fun with it.

The following options are available:

**Power On:** You can select an image to be displayed when you switch the phone on.

**Power Off:** You can select an image to be displayed when you switch the phone off.

**Idle Mode:** You can select an image to be displayed in idle mode.





## Greeting *Menu 8-2*

This option allows you to set a banner message to be displayed at the bottom of the display in Standby mode.

To change the banner:

1. If necessary, press CLR repeatedly to delete each letter of the old greeting.
   Press are hold CLR to clear off the old greeting.

2. Enter your banner message up to 28 characters by using the alphanumeric keys. For further information on how to enter letters, refer to page 36.

3. When entering is completed, press OK/SS to save the new banner.

## Backlight *Menu 8-3*

You have several options for setting how the LCD backlight operates. Remember that backlight use drains your battery faster.

The following options are available:

**30** (/**15**/**7**) **seconds:** The backlight comes on when you press a key or receive a call and switches off 30(/15/7) seconds after the last key is pressed.

**always on:** The backlight remains on while the phone turns on.

## Contrast

*Menu 8-4*

The LCD has contrast setting that can help you see the screen better in different lighting conditions.
Scroll the contrast settings to determind the most visible. When the desired contrast setting is displayed, press OK/✉ to save.

## Auto Hyphenation

*Menu 8-5*

With this menu option set to **On**, your phone automatically hyphenates numbers when you dial a number. This hyphenates numbers as follows: 000-000-0000. Digits following a pause are not hyphenated.

## Dual Clock

*Menu 8-6*

You can choose 2 locations to be displayed and set the summer time on or off for each location.

# Games

This menu allows you to play following games;
- Push Push
- Fly Ribbon
- Spider

Press up or down navigation key to scroll the entries, and then press OK to select the desired one.

When the game start screen is displayed, press MENU to get help in playing the game. It displays key commands.

Press to exit the game and return to the idle screen.

# Setup

Many different features of your phone can be customized to suit your preferences.

## Auto Answer *Menu 0-1*

With this menu option activated, the phone automatically answers calls after predefined rings. This option is useful while driving, for instance.

To activate this feature, select how many times your phone rings before answering an incoming call. **1 Ring**, **3 Rings** and **5 Rings** are available.

With this menu option set to **Off**, the phone does not answer an incoming call, and if you do not answer the call, it is stored in Missed Call log (see page 47).

## Answer Mode *Menu 0-2*

This menu option allows you to select how to answer an incoming call. The following options are available:

**By any Key**: The phone answers when you press any key except .

**By send key**: The phone answers only when you press .





## Auto Retry *Menu 0-3*

With this menu option activated, your phone will automatically retry the call up to 10 times when a connection fails.

To activate this feature, select how often the phone will automatically retry the call. **60 Seconds**, **30 Seconds**, and **10 Seconds** are available.
Select **Off** deactivates this feature.

## Language *Menu 0-4*

Sets the language of voice prompts, menus and key input.

Select the desired language by pressing the navigation key.

## Set Time *Menu 0-5*

This option allows you to set the current date and time.

Enter the current time and date using the numeric keys. The month, day, hour and minute must be entered with 2 digits. you must enter the hour in 12-hour format and you choose the AM or PM. The year requires all 4 digits.,

## Set Nam

*Menu 0-6*

Your Samsung phone can store two NAMs (NAM stands for numerical assignment module - essentially your telephone number). This means you can have two phone numbers on your phone, and you can quickly and easily switch your service back and forth between the two numbers.

Press up or down navigation key to select **NAM 1** or **NAM 2**. If you change the NAM, the phone will reboot and acquire service using the new NAM setting.

## Set System

*Menu 0-7*

The system selection feature of your phone enables you to choose how your phone will roam. Roaming is a feature which is only relevant in areas where there are usually at least two cellular service providers which are referred to as "A" and "B" and have valid roaming agreements. Your service provider will provide you information about this service or the best roaming methods for you.

**Home Only :** With this setting, you cannot roam. If your home system is not available then your call will not be connected and the No Service Indicator ( ) is displayed. In some service areas an operator may come on line asking you how you would like to pay for the call.

**Standard :** This option allows you to provide the best system automatically.





## Data / Fax

*Menu 0-8*

Your phone is capable of sending and receiving digital data and fax call when connected to a computing device (laptop, desktop, handheld, palmtop, etc.) running Windows 95, Windows 98, or Windows NT. The phone functions just like a typical modem on your PC, enabling you to use wireless data involving a side variety of Windows software applications.
To use digital data or fax services with your phone, you will need to obtain digital data/fax kit from your service provider. This kit will contain the necessary cables, software, and documentation required for your to connect and use your phone with your computing device.

**Note:** The phone must be on a digital network to receive or send fax and data.

The following options are available:

**Data/Fax Off**: Your phone receives voice calls only.

**Fax for Next Call**: Your phone receives fax calls for next 10 minutes.

**Fax until Powered Off**: Your phone receives fax calls until you power off and back on the phone.

**Data for Next Call**: Your phone receives data calls for next 10 minutes.

**Data until Powered Off**: Your phone receives data calls until you power off and back on the phone.

## Receiving a Fax or Data File

To receive a fax or data, ensure that your phone is connected to your PC and is powered on and select a desired option.

When you receive a fax call, setup the **Answer** mode in the Fax program on your PC and click on **Receive** and select one of the following:

- Automatic Receive (recommended)
- Manual Receive

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





## Version

*Menu 0-9*

This option allows you to view the software and hoardware versions of your phone. This feature is helpful if you have to call customer care.

## Security

*Menu 0-0*

Your phone provides many security options, including a user-programmable lock code and call restriction features.

To access the security menu, you must enter a four-digit lock code. The lock code is preset to **0000** at factory.

### Lock Phone

When the phone is locked, you cannot operate the phone until you enter the lock code.

The following options are available:

**Never**: the phone remains unlocked.

**On Power up**: the phone locks automatically at the next time your phone turned on.

**Now**: the phone locks immediately.

To place a call on Lock mode:

- To place an emergency call, enter the number and then press . The phone recognizes emergency numbers and the seven emergency numbers of menu **0-0-4**.
- To place normal outgoing calls, press MENU to display the Lock Code screen, and then enter the lock code. When the Standby screen displays, enter the phone number, and then press .

To unlock the phone, press MENU and enter the lock code. The phone returns to Standby mode.

## Change Lock

This feature allows you to change your current lock code to a new one. The lock code is preset to 0000 at factory.

Enter a new, four-digit lock code, then press OK .





## Restrict

This feature allows you to restrict your calls. Call Restriction can be set up by three ways. You can use of any of the following options alone or in any combination:

**On**: the phone restricts your calls.

**Off**: the phone doesn't restricts your calls.

## Emergency #

Your phone provides the option of storing emergency numbers. All emergency numbers can be manually dialed at any time even when your phone is locked or all default priority numbers are depending on your service provider.

To store an emergency number, select a location using a numeric keys or up or down navigation key and enter the desired number. Each priority number can be up to ten digits long. The number already stored in the location is automatically deleted when you enter the new number.

To make an emergency call in Lock mode, simply enter the emergency number, then press .

### PIN (Personal Identification Number)

**Note:** Your service provider must enable this feature and assign you a PIN in order for this feature to work.

This feature prevents your phone from being used by unauthorized persons. Contact your service provider for complete information on this feature. Your PIN is programmable and can be up to 24 digits.

These options are available:

**Never**: The option is not activated.

**Prompt**: When you make a call, you are asked to send a PIN.

## Erase PBook

This menu allows you to erase all the numbers in your Phone Book.

When a confirmation message displays, press OK to clear the memory.

## Reset Phone

Resetting the phone erases all of your saved options and returns them to the factory default settings, and erases your Phone Book, Call Logs, and SMS messages.

The phone reboots (turns itself off then on), restores the default settings, and then returns to Standby mode.

# Health and Safety Information

## Precautions When Using Batteries

Your phone is powered by a rechargeable Li-ion standard battery.

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect

it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not short-circuit the battery. Accidental short circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.

- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.





## Road Safety

Your wireless phone gives you the powerful ability to communicate by voice - almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, on that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.

2. When available, use a hands free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility, driving safely.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Dial emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.





## Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference of danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

## Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.
consult the manufacturer to discuss alternatives.

### Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 cm) be maintained between a 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 6 inches (15cm) from their pacemaker when the phone is switched 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, switch off your phone immediately.

**Hearing Aids**
Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

**Other Medical Devices**
If you use any other personal medical devices, 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. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so.Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

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





You should also consult the manufacturer of any equipment that has been added to your vehicle.

**Posted Facilities**
Switch off your phone in any facility where posted notices so require.

## Potentially Explosive Atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instrutions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer 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; and any other area where you would normally be advised to turn off your vehicle engine.

## Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions which cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (for example, medical emergencies).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

**To make an emergency call:**

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location. Emergency numbers vary by location.
3. Press the <SEND> key.

If certain features are in use (keyguard, restrict calls, etc.), you may first need to turn those features off before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident - do not cut off the call until given permission to do so.





## Other Important Safety Information

- Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great 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.
- Switch off your phone before boarding an aircraft. The use of wireless phones in aircraft may be dangerous to the operation of the aircraft, and may be illegal.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

## Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and allow you to enjoy this product for many years. When using your phone, battery, charger, or any accessory:

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas as its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its nomal operating temperature), moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.



Health and Safety Information

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications of attachments could damage the phone and may violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if neccessary, arrange for service.

# Glossary

**Airtime** - Actual time spent talking on the wireless phone. Most carriers bill customers based on how many minutes of airtime they use each month.

**Antenna** - A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they receive. Wireless phones and the base station must have antennas.

**Base Station** - The fixed radio transmitter/receiver that maintains communications with mobile radio telephones within a given area. (Typically called a cell or cell site)

**CDMA** - (Code Division Multiple Access) A spread-spectrum approach to digital transmission. With CDMA, each conversion is digitized and then tagged with a code. The mobile phone deciphers only a particular code to pick the right conversation off the air. The transmitted signal is just above noise level across the available bandwidth.

**Channel** - Communications signals transmit along paths called channels.

**Codec** - Compression & Decompression.

**Deactivation** - The process of rendering a wireless phone inactive.

**DTMF** - (Dual-tone Modulated Frequency ) You send DTMF signals when you enter numbers by pressing the digit keys.

**EVRC** - (Enhanced Variable Rate Codec) EVRC is a new global standard for compressing and decompressing voice signals. EVRC uses a lower bit rate (the number of bits sent per second) than existing CDMA vocoders, while providing significant improvements in voice quality. This technology enables your phone to provide superb voice quality while benefiting from the ability to process more cellular voice calls using less bandwidth than the voice codecs in CDMA networks today.

**Frequency** - A measure based on time, as one or more waves per second, in an electrical or light wave information signal. A signal's frequency is stated in cycles-per-second or Hertz (Hz).

**Hands-Free** - A feature that permits a driver to use a wireless phone without lifting or holding the handset - an important safety feature for automobiles, tractors and most other motorized vehicles.

**LCD** - (Liquid Crystal Display) Commonly used to refer to the screen display on the wireless phone.

**LED** - (Light Emitting Diode) Commonly used to refer to a small light on the wireless phone or on the Desktop Charger. The LED lights on the phone to indicate an incoming call. The lights on the charger indicate that battery charging is taking place.

**Prepend** - The addition of a prefix, such as an area code, to a phone number.

**RF** - Radio Frequency

**Roaming** - The ability to use a wireless phone to make and receive calls in places outside of the home service area.

**Service Charge** - The amount paid each month to receive wireless service.

**Standby Time** - The amount of time a fully charged wireless portable or transportable phone can be on and idle without being in use. (See Talk Time)

**Talk Time** - The length of time a person can talk on a portable or transportable wireless phone without recharging the battery.

**Vocoder** - Voice Coder. A device used to convert speech into digital signals.

**Wireless** - Radio-based Systems that allow transmission of telephone or data signals through the air without a physical connection, such as a metal wire (copper) or fiber optic cable.



# Index


## A

Accessories • 7
Air time (**1-5**) • 48
Alarm (**5-7**) • 73
Alerts (**7-4**) • 84
Animation (**8-1**) • 86
Answer mode (**0-2**) • 90
Auto hyphen (**8-5**) • 88
Auto answer (**0-1**) • 90
Auto retry (**0-3**) • 91

## B

Backlight (**8-3**) • 12, 86
Battery
- charging • 15
- installing • 14
- low battery indicator • 16
- removing • 14
- precautions • 99

## C

Calculator (**5-9**) • 74
Call
- answering • 28
- dialed • 46
- emergency • 21
- ending • 20
- forwarding • 33
- from Phone Book • 22
- incoming (**1-2**) • 47
- making • 20
- missed • 47
- outgoing (**1-1**) • 46
- redialing last • 22
- restriction • 97
- three way • 33
- waiting • 34

Caller ID • 30
Care • 108
Characters, entering • 36
Charging batteries • 15
Clock • 88
Connect tone • 84
Contrast (**8-4**) • 88
Correcting number • 20
Countdown (**5-6**) • 72

## D

Data/fax
- alert • 83
- receiving/sending • 94
- Data/fax (**0-8**) • 93

Dialing
- pause • 24
- prepend • 22
- speed • 23
- voice • 27, 75

Disconnect tone • 84
Display
- LCD • 10
- external • 13
- menu (**6**) • 86

DTMF tone
- length (**7-3**) • 86

Dual clock (**8-6**) • 88

## E

Erasing History (**1-4**) • 49
Erasing message
- received • 56
- transmitted • 58

External LCD • 13

## F

Finding
- phonebook • 49

## G

Games (**9**) • 89
Greeting (**8-2**) • 87

## I

Icon description • 11
Inbox ( **3-3**) • 57
In-call options • 29
Incoming calls (**1-2**) • 47
Incoming data/fax (**0-8**) • 93
Installing battery • 14
Internet • 62

## J

Jump to date (**5-3**) • 70

## K

Key volume • 82
Keys
  description • 9
  location • 8

## L

Language (**0-4**) • 91
Last number redialing • 21
Letters, entering • 36
Listening
  voicemail •56
Lock code • 95
Low battery indicator • 16

## M

Maintenance • 108
Memo pad (**5-5**) • 71
Memory (**2-5**) • 53
Memory, clearing • 98
Menus
  list • 44
  scrolling • 42
  shortcuts • 43
Messages
  alerts • 98
  browser • 59
  erasing • 60
  filed • 59
  greeting • 87
  settings (**3-8**) • 60
  text • 54
  voice • 56
  writing new • 54
Minute beep • 84
Missed calls • 47
Modes
  phone • 18
  text input • 36
Mute
  key tones • 29
  microphone • 29

## N

Names
  entering • 36
  searching/dialing (**2-1**) • 49
NAM setting (**0-6**) • 92
Number
  adding in an entry • 50
  correcting • 20
  my (**2-4**)• 53
  searching • 49

## O

Outbox (**3-4**) • 58
Outgoing calls (**1-1**) • 46

## P

Phone
  layout • 8
  lock • 95
  my number (**2-4**) • 53
Phonebook (**2**) • 49
PIN
  code • 98
Planner (**5**) • 67
Power save mode • 19
Prepend dialing • 22
Priority number (**0-4**) • 91




Index


## R

Received Messages
  browser • 57
  text • 57
  voice • 57
Redialing
  auto • 91
  last call • 21
  Removing battery • 14
Reset phone (**0-0**) • 98
Restrict • 97
Ring
  type • 83
  volume • 82
Roam ringer • 85

## S

Safety
  batteries • 99
  information • 99
  precautions • 5
Searching/dialing
  phonebook • 49
Security • 95
Service alert • 84
Service light • 13
Setting NAM (**0-6**) • 92
Setting system (**0-7**) • 92
Setting time (**0-5**) • 91
Setup (**0**) • 90
Sounds (**7**) • 82
Speed dialing • 23
Standby mode • 18
Switching on/off
  phone • 17
  microphone • 29

## T

Text, entering • 36
Today (**5-1**) • 67
Talk mode • 20
To do list (**5-4**) • 70
Tone length (**87-3**) • 83
Transmitted message (**3-4**) • 58
T9 text mode • 38

## U

Unpacking • 7

## V

Version (**0-9**) • 95
View month (**5-2**) • 68
Voice answer (**6-3**) • 79
Voice dial (**6-1**) • 75
Voice memo (**6-2**) • 78
Voice mail • 56
Volume, adjusting
  earpiece • 34
  ring • 34, 82
  key • 82

## W

Web Browser
  accessing (**4-1**) • 63
  prompt (**4-2**) • 66
World time (**5-8**) • 54
Writing new message • 54

# SCH-A592 Quick Reference Card

## BASIC OPERATIONS

| | |
|---|---|
| Make a call | Phone number + **SEND** |
| End a call | **END** |
| Receive a call | **SEND** or Open the phone |
| Adjust ringer volume | *(in Standby mode)* ▲ / ▼ on the left side |
| Adjust speaker volume | *(during a conversation)* ▲ / ▼ on the left side |
| Redial the last call | **SEND** twice |
| Switch to silent mode | Hold **#** |
| Voice dialing | Hold * + Say name |
| Speed dialing | Enter memory location of desired number, holding the final digit to automatically dial. |
| Save Numbers | With number on screen, press **OK** and follow prompts. |
| Phone book Search | Press UP navigation key in standby mode. |
| Wireless Web | Hold |

# MENU TREE

Main Menu *(To access, press MENU)*

- 1 : Calls
  - 1 : Outgoing
  - 2 : Incoming
  - 3 : Missed
  - 3 : Erase Hisotry
  - 4 : Air Time
- 2 : Phone Book
  - 1 : Find
  - 2 : Add
  - 3 : Rename Group
  - 4 : My Phone #
  - 5 : Memory
- 3 : Message
  - 1 : New Message
  - 2 : Voice
  - 3 : Inbox
  - 4 : Outbox
  - 5 : Filed Msg.
  - 6 : Web Alert
  - 7 : Errase Msg.
  - 8 : Msg Setting
- 4 : Web
  - 1: Get in Web
  - 2: Prompt
- 5 : Planner
  - 1 : Today
  - 2 : View Moth
  - 3 : Jump To Date
  - 4 : To Do List
  - 5 : Memo Pad
  - 6 : Count Down
  - 7 : Alarm Clock
  - 8 : World Time
  - 9 : Calculator
- 6 : Voice
  - 1 : Voice Dial
  - 2 : Voice Memo
  - 3 : Voice Amswer
- 7 : Sounds
  - 1 : Ringer Vol
  - 2 : Ringer Type
  - 3 : Tone Length
  - 4 : Alerts
  - 5 : Roam Ringer
- 8 : Display
  - 1 : Animation
  - 2 : Greeting
  - 3 : Backlight
  - 4 : Contrast
  - 5 : Auto Hyphen
  - 6 : Dual Clock
- 8 : Game
  - 1 : Push Push
  - 2 : Fly Ribbon
  - 3 : Spider
- 0 : Setup
  - 1 : Auto Answer
  - 2 : Answer Mode
  - 3 : Auto Retry
  - 4 : Language
  - 5 : Set Time
  - 6 : Set NAM
  - 7 : Set System
  - 8 : Data/Fax
  - 9 : Version
  - 0 : Security

## *Telefone Celular Modelo SCH-A59*

***Nº série eletrônico*** _____

**DADOS DO COMPRADOR**

Nome: _____

_____

Endereço: _____

_____

**ESPAÇO A SER PREENCHIDO PELO REVENDEDOR**

Revendedor: _____

_____

Cidade: _____

**Carimbo do Revendedor:**

**IMPORTANTE:** A garantia somente será válida se este Certificado de Garantia for completamente preenchido no ato da compra pelo revendedor e apresentado junto com a Nota Fiscal original de venda deste telefone celular.

SAMSUNG
ELECTRONICS

## I. ABRANGÊNCIA E PRAZO DE GARANTIA

SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA. (SAMSUNG), garante os telefones celulares e acessórios (exceto baterias) contra defeitos de material e mão-de-obra, em condições normais de uso e manutenção, pelo prazo de 3 (três) meses legal, mais 9 (nove) meses de garantia adicional, num total de 1 (um) ano a partir da data de aquisição do aparelho, identificada pela Nota Fiscal do produto e pelo preenchimento deste certificado. No caso de telefones ou acessórios que sejam instalados em veículos, o prazo será contado a partir da data de aquisição dos mesmos.

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GARANTIA LIMITADA DA SAMSUNG PARA TELEFONES CELULARES ADQUIRIDOS NAS REVENDAS AUTORIZADAS NO BRASIL

# GARANTIA LIMITADA DA SAMSUNG PARA TELEFONES CELULARES ADQUIRIDOS NAS REVENDAS AUTORIZADAS NO BRASIL

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SAMSUNG
ELECTRONICS

Cidade: _____

CEP: _____

Estado: _____

Telefone: _____

Nº da Nota Fiscal: _____

Data da Compra: _____

Estado: _____

**SERVIÇO CELULAR**

**0800 124 421**

*SUA LINHA DIRETA COM A SAMSUNG*

Este produto está adequado para
uso no ano 2000 e subsequentes.

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U.S Patent No. 4,901,307 5,056,109 5,099,204
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