SAMSUNG

CELLULAR PHONE
SCH-A302
User's Manual

SAMSUNG
ELECTRONICS

FCC RF EXPOSURE INFORMATION

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 using the optional belt-clip/holster placed 0.78 inches (2.0cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.78 inches (2.0cm) must be maintained between the user's body and the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips/holsters with no metallic components that provide the minimum separation distance of 0.78 inches (2.0cm) can be used to satisfy FCC RF exposure requirements. The use of non-tested accessories or other body-worn operations may not comply with FCC RF exposure requirements and should be avoided. Contact your local dealer for optional accessory items.

Vehicle Mounted External Antenna (optional, if available.)

A minimum separation distance of 7.9 inches (20cm) must be maintained between a person and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

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

Table of Contents

Safety Precautions and Important Notices

Read these simple guidelines. Failure to comply with these guidelines may be dangerous or illegal.

For more detailed safety information, see Safety Information on page 83.

ROAD SAFETY COMES FIRST

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

SWITCH OFF IN AIRCRAFT

Mobile phones can cause interference. Using them on aircraft is illegal.

SWITCH OFF NEAR BLASTING

Do not use the phone where a blasting operation is in progress. Observe restrictions, and follow any regulations or rules in force.

SWITCH OFF WHEN REFUELLING

Do not use the phone at a refuelling point or near fuels or chemicals.

INTERFERENCE

All mobile phone may be subject to radio interference, which may affect their performance.

QUALIFIED SERVICE

Only qualified service personnel must install or repair cellular equipment. Use only approved accessories and batteries.

USE SENSIBLY

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

IMPORTANT! Use only accessories approved by the phone manufacturer. This apparatus is intended for use when supplied with power from SAMSUNG approved Travel charger. The use of any other types will invalidate any approval or warranty applying to the phone, and may be dangerous.

When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

Unpacking

Your package contains the following items.

Handset

Battery

Necklace

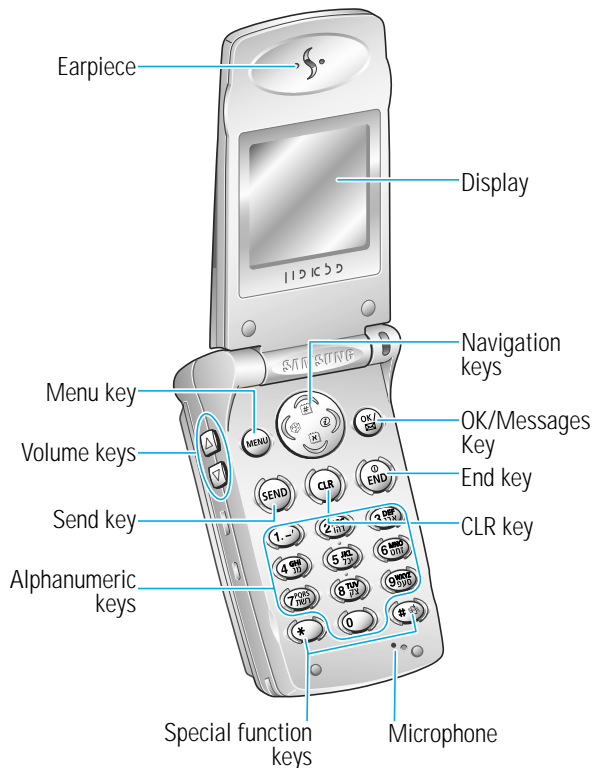Ear-microphone

Desktop Charger

User's Manual

In addition, you can obtain the accessories for your phone from your local SAMSUNG dealer. For information on the accessories, see page 80.
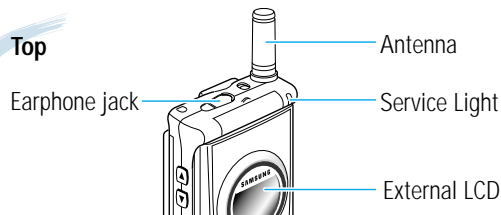
Your Phone

Phone Layout

The following illustrations show the main elements of your phone.

Earpiece

Display

Menu key

Volume keys

Send key

Alphanumeric keys

Navigation keys

OK/Messages Key

End key

CLR key

Special function keys

Microphone

Top

Antenna

Earphone jack

Service Light

External LCD

Key	Functions
(MENU)	Enters the menu facility. Also, scrolls through the menu options.
(OK/✉)	*In the menu facility*, confirms the selection and input. *In Standby mode*, enters the Messages menu.
(navigation)	*In the menu facility*, scroll through the menu options and phone book memory. *In Standby mode*, enter the following menus when pressed depending on the direction. • ⌃ : Find Entry in Phone Book • ⌄ : Find Name in Phone Book • ⟨ : Games • ⟩ : GoNext (Web Browser)
(CLR)	Deletes characters from the display. *In the menu facility*, returns to the previous menu level.
(SEND)	Makes or answers a call. *In Standby mode*, enters the Outgoing Calls Log.

Key	Functions *(continued...)*

⊙(END) — Ends a call. Also switches the phone on and off when pressed and held.
In the menu facility, cancels your input and returns to the Standby mode.

⓪ / ⑨ — Enter numbers, letters and some special characters.

✱ / # — Use these keys for various purpose in different functions.

▲ (on the left side of the phone)
▼ *During a call*, adjust the ear-piece volume.
In Standby mode, adjust the key volume.
In the menu facility, scroll through the menu options.

Display

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

Text and graphic area

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: Appears when you are outside a service area. When it appears, you cannot make or receive calls. Wait a little while for a signal or move into an open area.

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

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

Alarm: Indicates that you have set an alarm.

Vibration mode: Appears when vibration mode is on. An incoming call will vibrate the phone rather than ring it.

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

External LCD

Your phone has an external display on the cover. It indicates that you have an incoming call or a message, and notifies you at the specified time when you have set an alarm.

When you press and hold down the volume keys on the left side of the phone with the phone closed, the backlight of the external display illuminates.

Indicates that you are out of the service area.

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 (**4-1**); see page 51 for further details.

Service Light

The service light is at the top right 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.
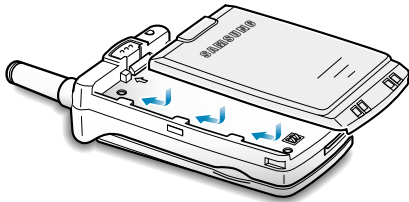

To activate or deactivate use of the service light, set the **SVC Light** menu option (**7-6**) in the Setup menu: see page 62 for further details.

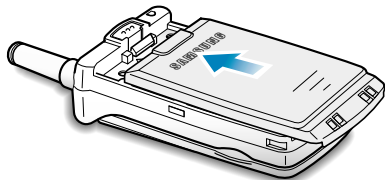# Getting Started

Installing Battery

To Install the Battery

1. Align the tabs at the bottom of the battery with the corresponding slots in the phone.
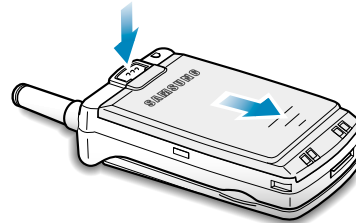

2. Slide the battery toward the top of the phone until it clicks in place.

   Make sure that the battery is installed properly before switching the phone on.

To Remove the Battery

1. If necessary, switch off the phone by pressing and holding down ⓔⓝⓓ until the power-off animation plays.

2. Push down the catch on the back of the phone and slide the battery away.
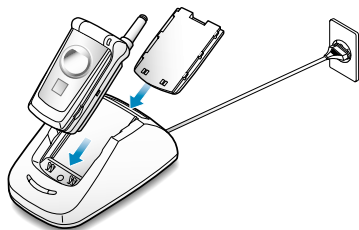

Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. A desktop charger is provided with your phone. Use only approved batteries and chargers. Ask your local SAMSUNG dealer for further details.
The phone can be used while the battery is charging.

Note: You must fully charge the battery before using your phone for the first time.

1. Plug the power cord of the desktop charger into a standard AC outlet. When the power is connected properly, the LEDs on the charger flicker briefly and then turn off.
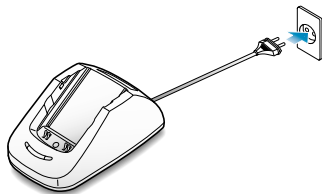
2. Place the battery into the compartment of the charger. Select one of the following two options:

   • Place the phone with the battery attached into the front compartment. The left LED on the charger turns on in red.

   • Insert a single battery (alone, not attached to the phone) into the rear compartment. The right LED on the charger turns on in red.

3. The color indication of the LEDs on the charger is as follows:

   • Red: charging
   • Green: fully charged

4. When charging is finished (the LED turns into green), remove the battery (or phone) from the charger and unplug the power cord of the charger from the AC outlet.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, an empty battery icon (no bars displayed) blinks in the upper right corner of the screen. You will hear a warning tone.
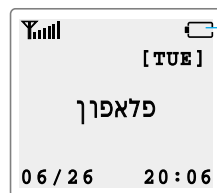
Battery is running out of power.

When the battery becomes too weak for the phone to operate, it switches off automatically.

Switching the Phone On/Off

1. Open the phone.

2. Press and hold down (⊙ END) for more than one second to switch the phone on.

   The red light flashes, and an alert sounds:

   • When the system locates services, the greeting message displays along with the date and time. The external LCD shows the signal strength, battery strength and current time and date.Now, you can place and receive calls.
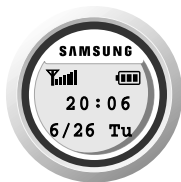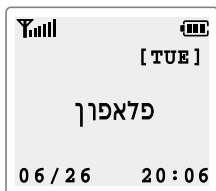
   • If the system cannot locate service, the greeting message displays without the date and time. You can see the No Service indicator 📵 on the top line of the display. In this case, you cannot place and receive calls. You can try later when service is available.

   • If your phone is locked, the Lock icon 🔒 appears. Press (MENU), and enter the four-digit lock code to unlock the phone.

3. When you wish to switch the phone off, Press and hold down (⊙ END) for more than two seconds.

WARNING: Do not switch on the phone when wireless 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 (⊙ END). 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 (SEND) to dial it, or press (OK) to save it in the internal phone book.

Press (⊙ END) at any time to return to Standby mode. Be careful; if you are on a call when you press (⊙ END), you will return to Standby mode, but your call will be disconnected. Press (CLR) several times or hold it down to return to Standby mode without ending the call.

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 "Conv Menu." See "In-Call Options" on page 27 for details on the options.

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 is conserved. The phone will automatically recheck for a signal periodically. To manually force the phone to recheck for a signal, press any key. A message on the display will 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 (SEND).

Note: Pressing and holding down the last digit of the number starts dialing without a key press of (SEND).

If you want to insert a pause, press (MENU) . The number after a pause will be dialed when you press (SEND) , after the first number is sent.

Note: If you have set **Auto Retry** option (**7-1**) to **On** (see page 60), and the call does not connect, the phone automatically retries to make the call.

Correcting the Number

To clear ...	Then ....
The last digit displayed	Press (CLR).
The whole display	Hold down (CLR) for more than one second.

Ending a Call

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

If there is no Phone Book match for the dialed number, the number is displayed. To save it into the Phone Book, press (OK) . For further information on saving the number, see page 42.

Emergency Dialing

You can place calls to emergency numbers in your emergency number list even if your phone is locked or all outgoing calls are restricted. For further information on emergency numbers, refer to page 74.

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. (The prepended phone number cannot be more than 10 digits.)

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) (or (3) in Call Logs) to select the **Prepend** option.

4. Enter the area code or feature code.

5. Press (SEND) 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 40.

Speed Dialing

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

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) 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 (2ᴬᴮᶜ) briefly and hold down (3ᴰᴱᶠ).

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

Three-Touch Dial

Memory locations 100 through 249 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 (2ᴬᴮᶜ) briefly, then hold down (3ᴰᴱᶠ).

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 Name** menu on page 41.

Redialing the Last Number

To redial the last number you called, press (SEND) twice.

The phone stores the last 20 numbers dialed. To recall any of these numbers, proceed as follows.

1. If there are any characters on the display, clear the display by holding down (CLR) for more than one second.

2. Press (SEND) . The list of outgoing calls are displayed.

3. Slide (OK) to scroll through the list until you select the required name or number.

4. Press (SEND) to dial the number displayed.

Adjusting the Volume

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

In Standby mode, you can adjust the key tone volume using the same keys.
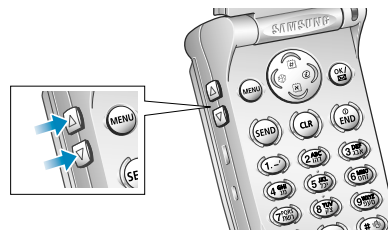
Answering a Call

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

Caller's name or number

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, open the phone. If it is already open, press (SEND).

   If the **Answer Mode** menu option (**7-4**) is set to **Send=Answer**, you must press (SEND) to answer the call.

   If the menu option is set to **Anykey=Ans.**, you can answer a call by pressing any key except (END). see page 61.

2. End the call by closing the phone or pressing (END).

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

Viewing Missed Calls

If you are unable to answer a call for any reason, you can find out who was calling you, if this service is available. In this way, you can call the person back simply by pressing (SEND), if necessary.

The number of missed calls is displayed on the idle screen immediately after the call was missed.

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 options:

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

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

Mute/Unmute: 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.

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

Note: To communicate with answering machines or computerized telephony systems, the **Silent key** option must be disabled.

Send Tel #: sends DTMF tones of your number.

SEND: Send DTMF: sends DTMF tones of the currently displayed number. DTMF (Dual Tone Multi Frequency) tones can be used to control electronic phone services such as bank-by-phone or voicemail. During a call, key in the digits you want to send as DTMF tones, for example, the bank account number and password. Then select this in-call option.

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.

Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network. Contact your service provider to activate Call Waiting.

When a waiting call is detected, the incoming call alert sounds (network dependent) and a text notification displays.

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.

To answer a waiting call:

1. To answer the call, press (SEND). The phone connects the calling party, and places the current party on hold.

2. Press (SEND) again to switch between two parties.

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

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 and you are billed airtime for each outgoing call separately. Contact your service provider to activate Three-Way Calling.

To place a Three-Way call:

1. During a conversation, enter the phone number for the third party and press ⟨SEND⟩.

2. When the third party answers, press ⟨SEND⟩ again to connect with the original party.

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.

Quick Switching to Vibration Mode

You can quickly access the vibration mode by pressing ⟨#⟩ in standby mode.

Press and hold the key until the Vibration Mode icon ✎ and **- Vibrate -** appears in the display. Your phone goes to the vibration mode immediately.

Press and hold ⟨#⟩ again to return to bell mode.

This feature is convenient when you are in a hurry to mute the phone sound (in a theater, for example).

Using the Menus

The phone offers a range of functions that allows you to customize 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 Function by Scrolling

1. In Standby mode, press ⟨MENU⟩ to access the menu facility.

2. Scroll with ⟨MENU⟩ (or ⟨ ⟩ or ▲/▼) to reach the desired main menu, e.g. **Display**. Press ⟨OK⟩ to enter the menu.

3. If the menu contains any submenus: for example, **Language**, find the one you want by scrolling with ⟨ ⟩ or ⟨ ⟩. Press ⟨OK⟩ to enter the submenu.

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

4. Scroll with ⟨ ⟩ or ⟨ ⟩ to find the setting of your choice. Press ⟨OK⟩ to confirm the chosen setting.

Notes:
• You can return to the previous menu level by pressing ⟨CLR⟩.
• You can exit the menu without changing the menu settings by pressing ⟨END⟩.

Accessing a Menu Function 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.
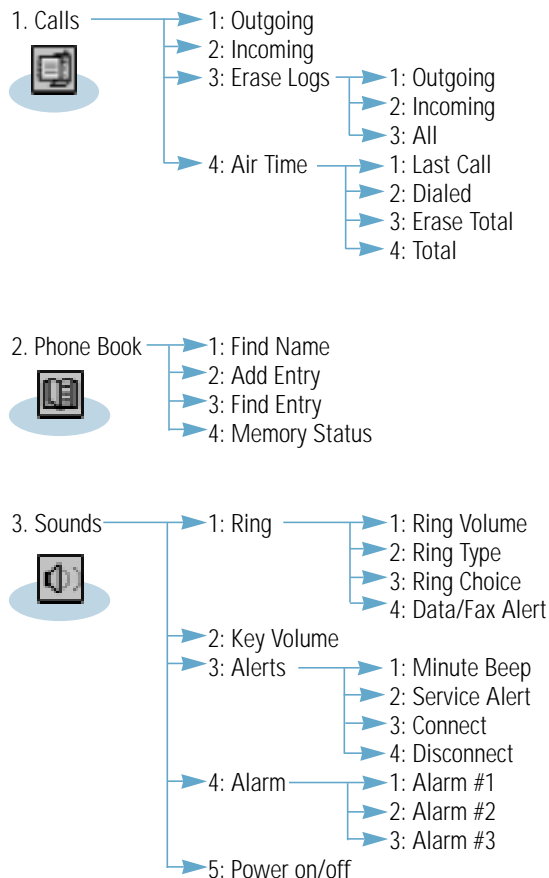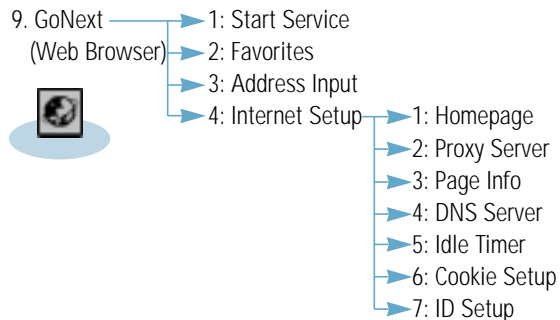
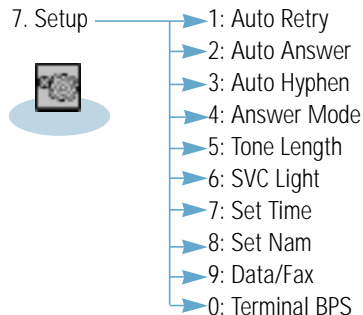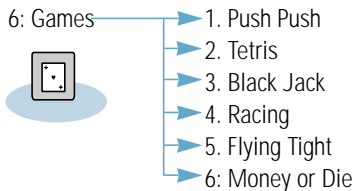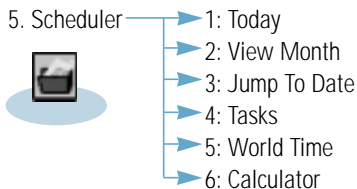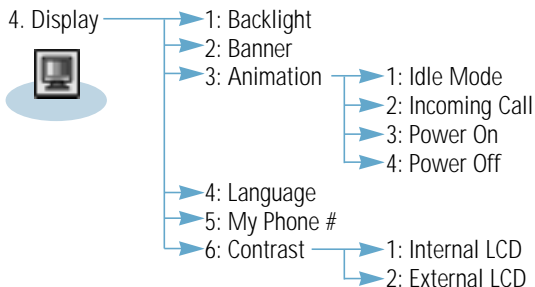Example: Accessing the **Ring Type** option

Press (3), (1), and (2).

3 for **Sounds**, **1** for **Ring**, **2** for **Ring Type** menu function.

3. Find the setting of your choice by pressing 📶 or 🔽 , then press (OK).

Note: The numbers assigned to each menu function are indicated on the list on page 33.

List of Menu Functions

1. Calls
- 1: Outgoing
- 2: Incoming
- 3: Erase Logs
  - 1: Outgoing
  - 2: Incoming
  - 3: All
- 4: Air Time
  - 1: Last Call
  - 2: Dialed
  - 3: Erase Total
  - 4: Total

2. Phone Book
- 1: Find Name
- 2: Add Entry
- 3: Find Entry
- 4: Memory Status

3. Sounds
- 1: Ring
  - 1: Ring Volume
  - 2: Ring Type
  - 3: Ring Choice
  - 4: Data/Fax Alert
- 2: Key Volume
- 3: Alerts
  - 1: Minute Beep
  - 2: Service Alert
  - 3: Connect
  - 4: Disconnect
- 4: Alarm
  - 1: Alarm #1
  - 2: Alarm #2
  - 3: Alarm #3
- 5: Power on/off

4. Display
- 1: Backlight
- 2: Banner
- 3: Animation
  - 1: Idle Mode
  - 2: Incoming Call
  - 3: Power On
  - 4: Power Off
- 4: Language
- 5: My Phone #
- 6: Contrast
  - 1: Internal LCD
  - 2: External LCD

5. Scheduler
- 1: Today
- 2: View Month
- 3: Jump To Date
- 4: Tasks
- 5: World Time
- 6: Calculator

6: Games
- 1. Push Push
- 2. Tetris
- 3. Black Jack
- 4. Racing
- 5. Flying Tight
- 6. Money or Die

7. Setup
- 1: Auto Retry
- 2: Auto Answer
- 3: Auto Hyphen
- 4: Answer Mode
- 5: Tone Length
- 6: SVC Light
- 7: Set Time
- 8: Set Nam
- 9: Data/Fax
- 0: Terminal BPS

9. GoNext
(Web Browser)
- 1: Start Service
- 2: Favorites
- 3: Address Input
- 4: Internet Setup
  - 1: Homepage
  - 2: Proxy Server
  - 3: Page Info
  - 4: DNS Server
  - 5: Idle Timer
  - 6: Cookie Setup
  - 7: ID Setup

0. Security
1: Lock
2: Restrict
  1: Phone Book
  2: Incoming
  3: Outgoing
  4: New Numbers

3: Lock Code
4: Emergency#
5: PIN
  1: Send PIN
  2: PIN Code

6: Block Own#
0: Reset Phone
  1: Settings
  2: Memory
  3: All

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*

The phone stores up to 20 outgoing calls you dialed.
When you access this menu, the list of outgoing calls is
displayed.

To select an entry , press 👆 or 👇 .

To dial the selected entry, press (SEND).

To view the date and time at which the call was dialed
and use option features, press (OK) .

When you press (OK) , you can view the date/time stamp
for the selected entry. If there is a Phone Book match,
the name displays.

Press (MENU) to access **Options**. The following options are
available:

Talk: dials the selected number.

Show Entry (or **Store** if the phone number is not
                currently stored in the Phone Book): shows
                the phone book entry or stores the number
                in the Phone Book.

Prepend: allows to add an area code or feature code to
                the number before calling the number.

Incoming

Menu 1-2

This option lets you view the last 20 calls received (if you are subscribed to the caller ID service). When you access this menu, the last incoming calls are displayed.

To select an entry, press 📶 or 🔽 .

To dial the selected entry, press (SEND) .

To view the date and time at which the call was received and use option features, press (OK) .

When you press (OK) , you can view the date/time stamp for the selected entry. If there is a Phone Book match, the name displays.

Press (MENU) to access **Options**. The following options are available:

Talk: dials the selected number.

Show Entry (or **Store** if the phone number is not currently stored in the Phone Book): shows the phone book entry (or stores the number) in the Phone Book.

Prepend: allows to add an area code or feature code to the number before calling the number.

Erase Logs

Menu 1-3

You can erase the numbers stored in the Call Log memory.

Outgoing: The numbers you called are erased.

Incoming: The numbers you received are erased.

All: All calls you dialed and received are erased.

Air Time

Menu 1-4

Using this option, you can view the call time of the last call, as well as total air time for all calls since you last reset the timer.

Last Call: duration of the last call

Dialed: total duration of all calls made since the timer was last reset.

Erase Total: resets the call timers.

Total: the combined airtime of every phone call that has been made on your phone. You can reset the total airtime by resetting your phone (see page 76).

Note: This feature is not intended for billing purpose. The air time shown in this menu may differ from the actual calltime you will be charged for.

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 249 numbers.

Find Name   *Menu 2-1*

This option allows you to find an entry by its name. When you access this option, you can see the stored names in the Phone Book in alphabetic order.

1. Press 🔍 or 🔍 to scroll to the desired name. You can also enter the first letter(s) of the name by pressing the associated alphanumeric key.

   The phone searches for the names in the list beginning with that letter(s), and then displays the first name in that section of the list.

2. Press 🔘 to display the selected entry.

When the desired entry displays, press (SEND) to place a call.

Note: If you have saved two or more numbers under the labels, such as Home, Work, Mobile, Fax and so on, under one name, you can find the desired number by pressing (◉ or ◉) when the entry displays.

If you press 🔘, you can access the following options:

Talk: dials the seleted number.

Add Phone#: allows you to add several different types of numbers to the name, such as work, office number or mobile number.

Edit: allows you to edit phone number, name, or entry number. **Set Secret** option prevents the number from being displayed on the screen. **Set Speed Dial** option allows you to designate the number to be dialed as a speed-dial number. For details on speed dialing, refer to page 23.

Prepend: allows to add an area code or feature code to the number before calling the number.

Erase: erases the number.

Name Ringer: allows you to designate a unique tone to signal an incoming call by the number.

Note: You can locate Phone Book entries quickly when the phone is in Standby mode. Press 🔍 to access **Find Name** menu in one step and then press 🔍 or 🔍 to scan entries.

Add Entry

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, under 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 number and press ⑨ . The phone book entries are displayed.

2. Press ⑨ to confirm **<New Name>**.

3. You are asked to select a label. The following labels are available: **Home**, **Work**, **Mobile**, **Pager**, **Fax**, **No label**. After selecting the label pressing or , press ⑨ .

4. The first available location displays. To accept the displayed location, press ⑨ . To select another location, press or to scroll to the desired location or enter the location number using the number keys, then press ⑨ .

   Note: An entry's location is also its speed dial code.

5. To include a name with the entry, enter the desired name, then press ⑨ . For information on how to enter a name, see page 44.

   Note: You can enter a name up to 12 digits.

6. After entering is done, press ⑨ . The number is saved.

7. You are asked to select a label. If you want to add a number to the entry you have just saved, select the desired one and repeat steps 4 to 6.

   If you want to stop, press ⑨ .

Storing Phone Numbers when a Call Ends

To store a phone number when your call ends:

1. Press ⑨ to end the call. The call time and the phone number display.

2. To store the phone number, press ⑨.

3. To complete storing the number, follow the instructions on page 42.

Adding a Number in an Existing Entry

1. Enter a number and press ⑨. The phone book entries are displayed.

2. Select the entry you want to add a number to with or , then press ⑨.

3. Available labels are displayed. After selecting the desired label, press ⑨ to save the setting.

Entering a Name

Use the keys labeled with letters (alphanumeric keys) to write the name.

Press once for the first labeled letter, twice for the second and three times for the third etc.

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.

• You can change the input mode by pressing the volume keys on the left side of the phone. The **English**, **Hebrew** and **Number** mode are toggled each time you press the keys.

  Note: To enter the number in the English or Hebrew mode, you can press and hold down the appropriate key.

• To move the cursor through the text, use the navigation keys.

• To insert a space between words, press (✱) or (#) twice.

• If you make a mistake, you can remove characters to the left of the cursor by pressing (CLR) as many times as necessary. Pressing and holding (CLR) clears the screen.

• You can enter special letters, such as punctuation or symbols by pressing (1·) repeatedly.
  . / : @ ( ) , ? ! $ % ^ & _ + - = { } [ ] < > | ; " \ ' ~ `

Find Entry   *Menu 2-3*

This option allows you to find an entry by location number. When you access this option, you can see the stored names in the Phone Book in numeric order.

1. Enter the location by pressing the number keys or press (📷) or (🔍) to scroll to the desired location,

2. Press (OK) to display the selected entry.

When the desired entry displays, press (SEND) to place a call.

If you press (MENU), you can access **Options**. For details on **Options**, refer to **Options** under the **Find Name** menu on page 41.

Note: You can locate Phone Book entries quickly when the phone is in Standby mode. Press (📷) to access **Find Entry** menu in one step and then press (📷) or (🔍) to scan entries.

Memory Status   *Menu 2-4*

Using this option, you can check the status of the phonebook memory. The display shows the number of the occupied memory location, and the number of the free memory location.

Sounds

You can use the **Sounds** menu to customize various sound settings, such as the:
• Ring volume, type, and tone
• Key volume, Alert sounds
• Alarm

Ring   *Menu 3-1*

Ring Volume

This option allows you to adjust the ringer volume to one of eight levels. You can also turn the ringer off. Use ⊙ (or ▲ or ▼ on the left side of the phone). The more the bars, the louder the volume.

Note: During an incoming call, you can mute the ringer by pressing ⊙.

Ring Type

This option allows you to indicate how you are to be informed of incoming calls. The following options are available.

BELL: The phone rings using the ring tone selected via the menu option.

LAMP: The backlight is switched on and the lamp blinks; the phone neither rings nor vibrates.

VIBRATE: The phone vibrates but does not ring.

VIB+BELL: The phone vibrates and rings simultaneously.

Ring Choice

This option allows you to select the required ringing tone.

Bell: You can choose among 19 different tones or melodies.

My Melody: You can download up to 7 melodies from the wireless web.

Each time you select a tone, it sounds for a few seconds.

Data/Fax Alert

This option allows you to be alerted with a distinct ringing tone when you are faxed or received a data through the phone (network dependent).

Bell: You can choose among 19 different tones or melodies.

My Melody: You can download up to 7 melodies from the wireless web.

Each time you select a tone, it sounds for a few seconds.

Key Volume   *Menu 3-2*

This option allows you to adjust the tone volume that the keypad generates when you press a key.

Press ⊙ or ▲ or ▼ on the left side of the phone.

You can also adjust key volume in Standby mode by pressing ▲ or ▼ .

Alerts

Menu 3-3

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 Alert: With this menu option set to **ON**, the phone beeps when you exit service area or when you return to a service area.

Connect: You can set your phone to sound the connect tone when your call is connected to the system.

Disconnect: You can set your phone to sound the connect tone when a call is disconnected or dropped.

Alarm

Menu 3-4

The option allows you to set up to three alarm to ring at a specific time.

Keep in mind that if your phone is off at the alarm set time, the alarm will not sound.

Note: In order to the alarm to work, the phone must be on and obtain the time information from the service system.

To set the alarm, proceed as follows.

1. Select the desired one of three alarm cell by pressing 📱 or 🔊 and then press 🆗.

2. Choose the alarm frequency option, and press 🆗.

   Daily: the alarm rings every day at the same time.

   One Time: the alarm rings only once and is then deactivated.

3. Enter the required date and time using the number keys.

   The date setting is unavailable only for a Daily alarm.

   Note: You must enter the time in 24-hour format.

4. Press 🆗 to save the alarm setting.

To stop the alarm when it rings, simply open/close the phone or press any key.

Once you have set an alarm, press 🆗 to access the alarm setting. The following options are available.

Edit: allows you to change the alarm frequency or time and date for the alarm.

Release: removes the alarm setting.

Exit: exits the alarm menu option.

Power on/off
Menu 3-5

This menu enables or disables the phone sounds when it is switched on or off.

The following options are available:

On On: The phone sounds when it is switched on, and when switched off.

Off On: The phone sounds when it is switched off and does not sound when switched on.

On Off: The phone sounds when it is switched on and does not sound when switched off.

Off Off: Neither does the phone sound when it is switched on nor off.

Display

Backlight
Menu 4-1

You can select how the phone uses the LCD backlight. The following options are available.

10 SECONDS: The backlight comes on when you press a key or receive a call and switches off 10 seconds after the last key is pressed.

30 SECONDS: The backlight comes on when you press a key or receive a call and switches off 30 seconds after the last key is pressed.

OFF: The backlight is not used.

Banner
Menu 4-2

This menu allows you to set a greeting message to be displayed in Standby mode. It is preset to פלאפון. You can change the greeting message according to your own preference.

1. If necessary, clear the old message by pressing (CLR) repeatedly.

2. Enter your personal greeting up to 12 characters by using the alphanumeric keys. For more information on entering letters, refer to page 44.

3. When entering is completed, press (OK) to save your greeting.

Animation
Menu 4-3

This menu allows you to select animated images displayed when you switch the phone on and off.

Idle Mode: You can select an image to be displayed in Standby mode. You can download up to one image from the wireless web. **No Image** does not use any image.

Incoming Call: You can select an image to be displayed to indicate an incoming call. You can download up to one image from the wireless web. **Basic Image** displays a preset image.

Power On: You can select an image to be displayed when you switch the phone on. There are three images to choose. You can download up to one image from the wireless web.

Power Off: You can select an image to be displayed when you switch the phone off. There are two images to choose. You can download up to one image from the wireless web.

Language
Menu 4-4

Set the language of menus and default key input. English and Hebrew (עברית) are available.

Note: This setting does not affect the Web pages displayed, as they are set by the network.

My Phone Number
Menu 4-5

When you switch your phone on, your phone number is briefly displayed. While using the phone, you can check your phone number via this menu.

Note: You can block this feature by setting **Block Own #** option (**0-6**) to **ON**. Refer to page 76.

Contrast
Menu 4-6

This menu allows you to adjust the contrast of the main LCD and external LCD on the front cover.

Press 📞 or 🔽 (or ▲ or ▲ on the left side of the phone) until the desired value displays. Each time you press the key, you can see the LCD getting darker or lighter depending on the current value.

Scheduler

This 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 times. 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 when the day comes.

1. Enter your event information. You can enter up to 32 characters. For more information on entering letters, see page 44.

2. Press ⊙ to accept your entry.

3. Enter the Start Time and Date, and press ⊙.

   Note: You must enter the time in 24-hour format.

4. Enter the End Time and Date, and press ⊙.

5. Select an alarm to notify you of your event. **10 minutes Before**, **30 minutes Before**, **1 hour Before**, **No Alarm** and **On time** are available.

6. Press ⊙ to save your event.

Viewing a Scheduled Event

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

The following options are available when you press ⊙.

New Event: allows you to add a new event.

Edit Event: allows you to edit a scheduled event.

Erase Event: allows you to erase a selected event.

Exit: exits the options menu.

View Month   *Menu 5-2*

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

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

To schedule a new event or view a scheduled event for a specific day, select the desired month and day, and press ⊙.

If necessary, add, edit or erase events. Refer to 'Viewing a Scheduled Event' as described above.

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 number keys, and press (OK).

To add, edit or erase the events, see "Viewing a Scheduled Event" on page 55.

Tasks
Menu 5-4

This feature allows you to draw up a list of tasks to be done (up to 20 items) and assign a priority and deadline to each task.

To create the Tasks List, proceed as follows.

1. Enter the first task and press (OK).

   Note: You can enter up to 32 characters. For further details on how to enter characters, see page 44.

2. Enter your deadline using the number keys and press (OK).

   Note: You must enter the time in 24-hour format.

3. Select high or low priority by pressing 🔼 or 🔽, then press (OK).
   The phone saves the task.

Viewing the Tasks List

If tasks are already defined in the Tasks List when you select the **Tasks** menu option (**5-4**), the current contents are displayed with the deadline and the associated priority (**!** for High or **-** for Low).

Scroll to the desired item by pressing (◀ or ▶).

The following options are available when you press (MENU).

New Task: allows you to add a new task.

Edit Task: allows you to edit a saved task.

Erase Task: allows you to erase the selected task.

Exit: exits the options menu.

World Time
Menu 5-5

This menu allows you to check the current time for Greenwich Mean Time (GMT) and the time at 24 major cities around the world.

The screen shows :
• The world map with the time zone line.
• City name
• Current date and time

Select the city corresponding to your time zone by pressing the navigation keys one or more times. The local date and time are displayed.

Note: There may be time difference of one hour between the displayed time and the real time in the selected time zone due to Daylight-Saving Time.

Calculator

Menu 5-6

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

Using the Calculator

1. Enter the first number using the numeric keys.

2. Press (⊙) to set the operator for your calculation until the required arithmetic symbol appears: + (add), - (subtract), x (multiply), / (divide).

3. Enter the second number.

4. To calculate the result, press (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.

Notes:
• To erase mistakes and clear the display, press (CLR).
• Use (✱) to enter a decimal point and (# ☆) to change the sign of a number to a negative (-).

Games

Using this menu, you can enjoy the following games:

• Push Push
• Tetris
• Black Jack
• Racing
• Flying Tight
• Money or Die

Scroll to the desired game by pressing 📞 or 🔅 and press (OK).

When the game start screen is displayed, press (OK) to get help. Some games doesn't support this option.

Press (CLR) to return to the game start screen, and press (OK) to play the game.

Setup

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

Auto Retry   *Menu 7-1*

With this menu option set to **ON**, when you place a call and the call does not connect, the phone automatically retries to make the call.

Auto Answer   *Menu 7-2*

This feature is only used when the phone is connected to a hands-free car kit (optional). With this menu option on, the phone automatically answers calls after 2 predefined rings. This option is useful while driving, for instance.

This feature works only when you have set the ring type to **BELL** and have activated the ringer.

Auto Hyphen   *Menu 7-3*

With this menu option set to **ON**, your phone automatically hyphenates numbers as follows: (area code)-(number).
Digits following a pause are not hyphenated.

Answer Mode   *Menu 7-4*

This feature allows you to choose how to answer an incoming call. The following options are available.

Send=Answer: you only have to press (SEND) to answer a call.

Anykey=Ans.: you can press any key except for (END) , ▲ or ▼ to answer a call.

Open=Answer: you only have to open the phone to answer a call.

Tone Length   *Menu 7-5*

The tone length setting enables you to select **SHORT** or **LONG** DTMF (Dual-Tone Multi-Frequency) tones.

DTMF tones are what is send by your phone to access teleservices (such as a bank account). The system used by the bank or other service determines if you need short or long DTMF. If the service is digital (which most are these days), short DTMF will almost always works. However, some new systems and almost all older (analog) system require you to use long DTMF tones.

SVC Light
Menu 7-6

This option allows you to select whether of not the service light on the top of the phone is used.

The following options are available.

OFF: the service light is not used.

ON: the service light flashes when the phone is ready for use.

Set Time
Menu 7-7

The option enables you to set the current date and time. Enter the date and time.

The current time, if set, displays. The month, day, hour and minute must be entered with 2 digits. The year requires all four digits.

If you do not input the time or you input the wrong time, **INVALID TIME** displays and the phone prompts you to enter again.

Note: You must enter the time in 24-hour format.

Set Nam
Menu 7-8

Your Samsung phone can store two NAMs (NAM stands for **N**umerical **A**ssignment **M**odule - 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 📞 or 🔅 to select **NAM-1** or **NAM-2** and then press 🆗. If you change the NAM, the phone will reboot and acquire service using the new NAM setting.

Data/Fax
Menu 7-9

Your phone is capable of receiving digital data and fax call when connected to a computing device (such as laptop, desktop, hand held, palmtop, etc.) running Windows NT, Windows 95 or later using the optional data/fax kit. The phone functions just like a typical modem on your PC. For further information on this feature, refer to the data kit manual.

To receive data or fax through the phone, you have to set this option to **Incoming Data Only** or **Incoming Fax Only**. When you want to use the phone for a normal voice call, set to **Off: Voice Call Only**. The following options are available:

Off: Voice Call Only: receives voice calls only.

Incoming Data Only: receives data calls only.

Incoming Fax Only: receives fax calls only.

Terminal BPS (Bits Per Second)   *Menu 7-0*

When using PC, PDA, or Palm Top, you can select the data transmission speed with this menu. If you are using PC Link or Circuit Service, select **AUTO** or **19200** bps. If you are using **HSPD**, select **115200** bps.

GoNext (Web Browser)

About Web Browser

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

The Web Browser allows you to access up-to-the minute information through your phone. View specially designed text versions of popular Internet sites including Yahoo!®, CNN Mobile℠ and even the Weather Channel®. 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. Whenever 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.

Start Service
Menu 9-1

This menu connects your phone to the Wireless Web.

Note: Pressing in Standby mode will directly start the Web Browser.

Once connected, the Home page will be displayed. An example of a home page is shown below:

  Go Next
  1 What's new
  2 Games
  3 Parties
  4 Sport
  5 Internet

The opening page displayed when accessing the Web Browser is dependent on the Wireless Web service provider content. To scroll through the screen, use and .

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

Navigating the Web Browser

When you use the WAP 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

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

OK key: Press to select the highlighted item.

Clear Key: Clears out entered text or numbers. When entering numbers or text, press to clear the last number, letter, or symbol. Press and hold to completely clear the input field.

Up/Down Navigation keys: Scroll through the browser items.

Left/Right Navigation keys: Scroll through the browser options at the bottom of the display.
Move the cursor right or left in a text entry.

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

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

Menu Key: Press this key to display additional options while browsing.

Scroll Keys: Scroll up or down one page at a time.

Entering Text, Numbers or Symbols in the Web Browser

When prompted, you can enter text, numbers or symbols the same way as in the phone mode. See page 44 on how to enter letters.

Favorites   *Menu 9-2*

You can bookmark most screens to save the address of the site into the Favorites List, which can then be opened in the future. This feature saves you time by reducing the number of steps it takes to access a desired page.

To add the site to the Favorites list, select the store option while viewing the desired page.

To open the favorite site, scroll the Favorites list using and , and press when the desired item is highlighted. The following options are available at the bottom of the display. Press or to select the desired option.

Go: opens the site of the selected URL address.

Edit: allows you to edit the selected item. You can edit the title (**Edit Title**) or the URL address (**Edit Address**).

Delete: deletes the selected address from the Favorites list.

Cancel: cancels your input and returns to the Favorites list.

Address Input   *Menu 9-3*

You can manually enter the address of a desired site you want to go to and add it to the Favorites List.

1. Enter the address of the desired site. For details on entering letters, see page 44.

2. Press .

3. Select the option on the bottom of the display using or , and press .

   • If you want to go to the page right now, select **Go**.

   • If you only want to store the address for future visit, select **Store**. When you are asked to enter the title for the address, enter the title and press . The address will be saved in your Favorites list.

   • If you want to cancel your input, select **Cancel**.

Internet Setup   *Menu 9-4*

This menu allows you to configure the setting for the Internet connection.

Note: Internet configuration is set at factory. If you change the settings, your phone may not connect to the Internet.

Homepage

This option shows the current start-up homepage.
To change the start-up homepage manually, enter the desired URL address. For information on entering letters, see page 44.

Proxy Server

This option shows information on the proxy server and proxy port.

Page Info

This option allows you to set how to display the information on the page you visit.

View Title: displays the title of the page.

View Addr: displays the URL address of the page.

The current setting is marked with ✓.

DNS Server

This option shows information on DNS Servers.

Main DNS: shows the main DNS server.

Secondary DNS: shows the secondary DNS server.

Idle Timer

This option allows you to define the length of time for the phone to wait for the Internet connection.

You can enter 0 through 3600 seconds using the number keys.

Cookie Setup

Cookies are pieces of information, sent from the server to store session information of the web sites you visit.

When you select **Yes**, the server is able to store and use information about your actions on the visited web site. Selecting **No** disables the cookies functionality.

ID Setup

This option shows user information for the Internet service.

Security

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   *Menu 0-1*

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

The following options are available:

OFF: the phone remains unlocked.

NOW: the phone locks immediately.

ON POWER-UP: the phone locks automatically at the next power-up.

To place an emergency call, enter the number and then press ⓢ. The phone recognizes 100, 101, 102, *166 or other numbers assigned as emergency numbers (**Menu 0-4**).

To place normal outgoing calls, press ⓜ and then enter the lock code to unlock the phone. When the Standby screen displays, enter the phone number, and then press ⓢ.

Restrict   *Menu 0-2*

This feature allows you to restrict your calls. Call Restriction can be set up in the following ways.

Phone Book: The phone book cannot be accessed.

Incoming: calls cannot be received.

Outgoing: calls cannot be made.

New Numbers: Only calls to numbers stored in the phone book can be made. Additionally, new numbers cannot be added to the phonebook.

Each option can be restricted or unrestricted individually.

Lock Code   *Menu 0-3*

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 ⓞⓚ .

Emergency Number *Menu 0-4*

This feature allows you to store up to seven emergency numbers. These numbers can be dialed at any time when the phone is locked or when the outgoing call is restricted.

Your phone has 4 default priority numbers:

1: 100   2: 101   3: 102   4: *166

To store an emergency number, proceed as follows:

1. Select a location using the number keys or 📶 and 💧 , then enter the desired number.

   Each emergency number can be up to ten digits long. The number already stored in the location is automatically deleted when you enter the new number.

2. When entering is finished, press 🆗 to save the number.

To make an emergency call when your phone is locked, simply enter the emergency number you have stored, then press (SEND).

PIN (Personal Identification Number) *Menu 0-5*

Note: The feature is only available if your system supplier provides this service and you have a PIN assigned by the system supplier.

Contact your service provider for complete information about this feature. Your PIN is programmable and may consist of up to 24 digits.

Send PIN

This feature prevents the phone from being used by unauthorized persons. The feature is only available if your system supplier provides this service and you have a PIN assigned by the system supplier.

The following options are available:

Never: The option is not activated.

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

PIN Code

This feature allows you to change the PIN code.

When the current PIN code is displayed, enter a new PIN code by pressing the appropriate digit keys.

Block Own Number

Menu 0-6

This feature allows you to hide your own number from being displayed, so others cannot view your phone number.

If you turn this feature on, the message **Blocked for phone number** displays when the **My phone #** menu option (**4-5**) is accessed.

Reset Phone

Menu 0-0

With this menu option, you can easily reset your phone to its default configuration. The following options are available:

Settings: resets all the settings to the factory default.

Memory: clears all information saved in the phone memory, such as phone book, call records, downloaded melodies and images, and messages.

All: resets all the settings to their default state and clears all information in the phone memory.

After selecting the desired option, press ⊛ to confirm your selection. The phone automatically reboot (turns itself off then on), then returns to Standby mode.

Messages

Your phone receives voicemail notification and text messages, and transmits text messages (if your system supplier provides this service). When the phone receives a message, an alert sounds, and a text notification displays. The ✉ icon remains on the screen until you read the pending text messages or until you listen to the voicemail notification messages.

Your phone can store up to 100 text messages, depending on the length of the message. If the message memory is full, a message is displayed and you cannot receive any new messages. Delete obsolete messages.

Press ⊛ in Standby mode to access the Messages menu.

Inbox

✉ -1

The menu allows you to access voicemail notification and text messages.

The following options are available:

Voice (✉ -1-1): The screen displays the time, date and the number of new, unheard messages.

Press ⬛ to access the following options.
• **Listen**: You can listen to the voicemail.

• **Reset**: You can manually reset the counter for voicemail messages, if desired (The system resets the counter automatically after you listen to all new messages).

Text (✉-1-2): An indexed list of text messages displays. An exclamation point next to an entry indicates an urgent message. A check mark next to an entry indicates that you have read and stored the message.

Select the desired message to review, then press 🆗.

After reviewing the message, press (MENU) to access the following options:

• **Talk**: To call the phone number.

• **Save number**: To store the phone number in your Phone Book.

• **Erase**: To erase the message.

• **Next Msg**: To review the next message.

• **Previous Msg**: To review the previous message.

Via the **Alert (✉-1-3)** menu, the phone alerts you when a message is received. You can choose how frequently this happens. The three options are: **EVERY 2 MIN**, **OFF**, **ONCE**.

To delete all text and page messages you have received, select **Erase All (✉-1-4)**.

Outbox   ✉-2

The menu allows you to transmit text messages, and to store the messages you have transmitted.

The following options are available:

Messaging (✉-2-1): allows you to write and send a new text message.

1. When prompted, write the message. You can write and edit text messages. For details on entering letters, see page 44.

2. Enter its destination address number and press 🆗.

3. Enter the number you want to be called back and press 🆗.

4. Press 🆗 to send the message.

The messages you have transmitted are stored in **Sent Items (✉-2-2)**.

• **Read**: This menu allows you to read the stored messages you have transmitted.

• **Erase All**: This menu allows you to erase all messages you have transmitted. When a confirming message displays, press 🆗.

Reference Information

Accessories

Battery

Li-ion STANDARD battery is available for use with your phone. EXTENDED battery is also available.

Travel Charger

The travel charger plugs into a wall outlet and enables you to charge a single battery at your home or office.

Cigarette Lighter Charger

The cigarette lighter charger charges your phone in a vehicle while you drive and enables you to operate the phone from a vehicle cigarette lighter socket.

Hands-Free Car Kit

The hands-free car kit provides safety, freedom and convenience in your vehicle (Kit includes cradle, speaker and microphone).

Ear-Microphone

The ear-microphone includes the earpiece and microphone in a convenient, lightweight unit.

RS-232C Cable

The RS-232C cable connects your phone to a computer port, allowing you to use the Internet or other communication programs.

Using the Batteries

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

Additional batteries are available for purchase (ask your SAMSUNG dealer for further details):

Precautions When Using Batteries

• 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 times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.

• Battery charging times depend 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.

Safety Information

Road Safety

- Remember, road safety always comes first!

- Do not use a hand-held phone while driving a vehicle. Always park the vehicle before having a conversation.

- Make sure that the phone is stored safely and will not fall or be broken in the event of a collision or emergency stop.

- The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

- Only qualified personnel should install or service the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the unit.

- Electronic fuel injection, anti-skid braking, electronic cruise control or any other electronic systems may malfunction due to the lack of protection from radio signals. Check regularly that all cellular phone equipment in your vehicle is mounted and operating correctly.

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 or danger (in a hospital for example).

• Operation of any radio transmitting equipment, including cellular phones, may interfere with inadequately protected medical devices. Consult a physician or the manufacturer of the medical device if you have any questions. Other electronic equipment may also be subject to interference.

• As with other mobile radio transmitting equipment, you are advised that for satisfactory operations and personal safety, the equipment should only be used in the normal operating position.

• Always switch off the phone when at a refuelling point (service station). You 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.

• Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

• Switch off your cellular phone when in an aircraft. The use of cellular phones in an aircraft is illegal and may be
dangerous to the operation of the aircraft or disrupt the cellular network. Failure to observe these instructions may lead to the suspension or denial of cellular telephone services to the offender, 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 fulfill the warranty obligations and enjoy this product for many years.

• Keep the phone and all its parts and accessories out of the reach of small children.

• Keep the phone dry. Precipitation, humidity and liquids containing minerals will corrode the electronic circuits.

• Do not use or store the phone in dusty, dirty areas as its components may be damaged.

• Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.

• Do not store the phone in cold areas. When the phone warms up (to its normal temperature), moisture can form inside the phone, which may damage the electronic circuits.

• Do not attempt to open the phone. Non-expert handling of the phone may damage it.

• Do not drop or knock the phone. Rough handling may damage the internal circuits.

• Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in mild, soapy water.

• If the phone or any of its accessories are not working properly, take them to your nearest qualified service center. The personnel there will assist you, and if necessary, arrange for the phone to be repaired.

Emergency Calls

Important! This phone, like any cellular phone, uses radio signals, cellular and landline networks, as well as user-programmed functions that cannot guarantee connection in all conditions. Therefore, you should never rely solely on any cellular phone for essential communications (medical emergencies for example).

Remember, to make or receive any calls, the phone must be switched on and in a service area with adequate cellular signal strength.

Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with local cellular service providers.

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

SAMSUNG

SCH-A302 Quick Reference Card

BASIC OPERATION

Function	Action
Power On/Off	Press and hold 🔘.
Menu Scrolling	Press 🔘 or ⬭.
Make Calls	Enter numbers and then press 🔘.
Erase Mistakes	Press 🔘.
Redial Call	Press 🔘 twice.
1,2,3-Touch Dialing	Enter the memory location of the desired number holding the final digit to automatically dial.
End Call	Press 🔘.
Answer Call	Press 🔘.
Save Number	Press 🔘 and follow the screen prompts.
Outgoing Calls	Press 🔘 in sequence to review the last 20 outgoing calls.
Incoming Calls	Press 🔘 in sequence to review the last 20 incoming calls.
Phone Book Search	Press ⬭ or ⬭ in standby mode.
Web Browser	Press ⬭ in Standby mode.
Games	Press ⬭ in Standby mode.

MENU TREE

Main Menu (Press Menu to access menu tree.)

1 : Calls	1 : Outgoing 2 : Incoming 3 : Erase Logs 4 : Air Time	5 : Scheduler	5 : World Time 6 : Calculator
2 : Phone Book	1 : Find Name 2 : Add Entry 3 : Find Entry 4 : Memory Status	6 : Games	
3 : Sounds	1 : Ring 2 : Key Volume 3 : Alerts 4 : Alarm 5 : Power on/off	7 : Setup	1 : Auto Retry 2 : Auto Answer 3 : Auto Hyphen 4 : Answer Mode 5 : Tone Length 6 : SVC Light 7 : Set Time 8 : Set Nam 9 : Data/Fax 0 : Terminal BPS
4 : Display	1 : Backlight 2 : Banner 3 : Animation 4 : Language 5 : My Phone # 6 : Contrast	9 : GoNext (Web Browser)	1 : Start Service 2 : Favorites 3 : Address Input 4 : Internet Setup
5 : Scheduler	1 : Today 2 : View Month 3 : Jump To Date 4 : Tasks	0 : Security	1 : Lock 2 : Restrict 3 : Lock Code 4 : PIN 5 : Emergency # 6 : Block Own# 0 : Reset Phone