* Some contents in this manual may differ from your phone depending upon the software of the phone or your service provider.

PORTABLE CELLULAR TELEPHONE
SCH-N191
User's Manual

SAMSUNG
ELECTRONICS

World Wide Web
http://www.samsungmobile.com

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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 with the back of the kept phone placed 0.6 inches (1.5cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.6 inches (1.5cm) 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 0.6 inches (1.5cm) 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

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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 93.

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.

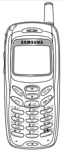
IMPORTANT! Use only accessories approved by the phone manufacturer. This apparatus is intended for use when supplied with power from SAMSUNG approved Travel charger. The use of any other types will invalidate any approval or warranty applying to the phone, and may be dangerous.

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

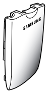
Unpacking

Your package contains the following items.

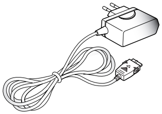
Handset



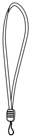
Battery



Travel Adaptor



Hand strap



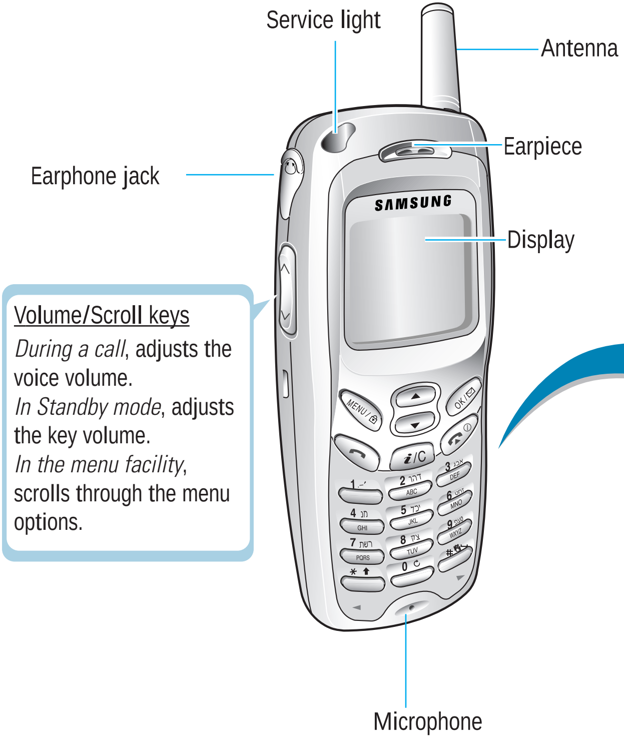
User’s Manual

In addition, you can obtain the accessories for your phone from your local SAMSUNG dealer. For information on the accessories, see page 90.

Your Phone

Phone Layout

The following illustrations shows the main elements of your phone.



Volume/Scroll keys

During a call, adjusts the voice volume.
In Standby mode, adjusts the key volume.
In the menu facility, scrolls through the menu options.

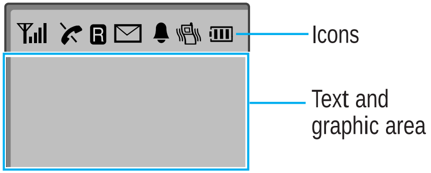
Key	Functions
MENU/	Enters the menu facility. Also, scrolls through the menu options. Makes the key guard activate when pressed and held.
OK/✉	*In the menu facility*, selects a menu function or stores information that you have entered (such as a name) in the phone memory. *When entering a number*, saves 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 Scheduler menu, ▼ enters the Find Name menu.
☎	Makes or answers a call. *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. *In the menu facility*, returns to Standby mode and cancels your input.
i/C	Deletes characters from the display. *In the menu facility*, returns to the previous menu level.

Key	**Functions** *(continued...)*
0 ~ 9	Enters numbers, letters and some special characters.
✱	*In the text input mode*, ✱ changes the case. Also, use this key for special star calling feature.
#	*In Standby mode,* toggles the silent mode on and off when pressed and held. *In the text input mode*, # inserts a space. Also, it is used at various times when you dial especially when using tele-services.

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.

R **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 text message has been received.

Alarm On: Appears when you set an alarm.

Vibrator On: Appears when a vibrate 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.

Another Icons

Ringer Off: Appears When you Ringer Vol option to Off.

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

Auto Answer mode On: Appears when the auto answer mode is activated.

Voice Privacy On: Appears when you set Voice Privacy.

Key Guard On: Appears when the key guard is activated.

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).
The backlight turns on only when you press i/C in key guard mode on.

To specify the length of time for which the backlight is active, set the **Backlight** menu option (**5-1**); see page 67 for further details.

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.

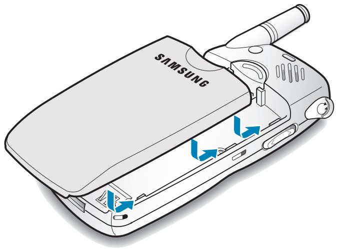
Getting Started

Installing the Battery

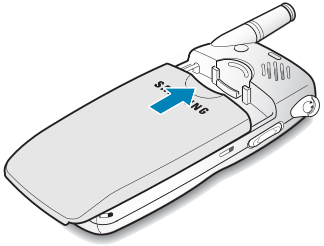
Your Samsung phone comes packaged with a partially charged, rechargeable Lithum Ion (LiIon) battery.

To Install the Battery

1. Place the battery so that the tabs on it align to the notches on the back of the phone.



2. Slide the battery toward the top of the phone until you hear a click.



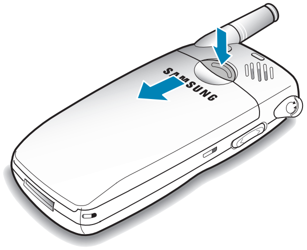
To Remove the Battery

If you want to remove the battery, do as follows:

1. If necessary, switch off the phone by holding down ☎ until the power-off animation begins playing.

2. Press and hold the catch above the battery on the back of the phone.

3. Slide the battery toward the bottom of the phone and take it away.



Charging the Battery

The travel adaptor allows you to charge your phone’s battery from any 220 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 3 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.

When charging is finished (The light turns green), disconnect the adaptor from the power outlet and from the phone.

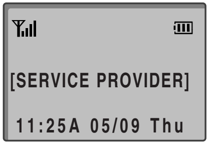
Note: You can make a call at your convenience when the phone is plugged into the adaptor. The adaptor will continue to charge the battery even when you are making the call.

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 left of 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.



[SERVICE PROVIDER]

11:25A 05/09 Thu

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 (**5-5**); for further details, refer to page 69.

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

Note: If you want to switch the phone off in Lock mode, unlock the phone first by pressing i/C and holding MENU/🔒 .

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/✉ 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 i/C 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-Use Menu" See page 29 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 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 (**7-1**) to **On** (see page 72), and the line is busy, the phone automatically retries to make the call.

Correcting the Number

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

Ending a Call

When you have finished your call, briefly press ☎ .

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 or press hold down ☎ .

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 i/C 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 78.

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. Use ▲ or ▼ to scroll through the list until **Prepend** option is highlighted.
4. Press OK .
5. Enter the area code or feature code.
6. 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 51.

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 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 briefly and hold down 3.

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 Name** menu on page 50.

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. Toggle ▲▼ 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.

   - ‘P’ pause : The letter ‘P’ displays within the number, meaning that a hard pause will occur at that point in the calling sequence. Enter digits that need to follow the pause.

   - ‘T’ pause: The letter ‘T’ displays in the number, meaning that a “Timed (2 second) pause will occur at that point in the calling sequence.

   - Hyphen: Places a hyphen between characters.

5. Store the number in your Phone Book as you normally would by pressing OK/✉ 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, simply 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. Toggle ▲▼ 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 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 (**7-3**) 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-Use Menu

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.

Voice Privacy : When the Privacy option is set to on, the phone sounds an audible beep when you loose a private encrypted CDMA line. For this option to work correctly, you must have the enhanced privacy option set in the Security options. This option is enabled by default.

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

Send DTMF : allows you to send the DTMF tone.

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 OK/✉ 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 was lost" 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 No service currently available".

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 key 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.

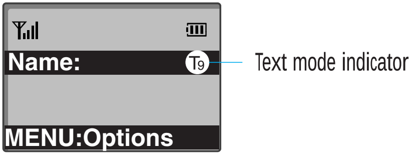
- **Symbol:** This mode allows you to enter special characters.

- **123:** This mode allows you to enter numbers.

Note: T9 mode supplies an appropriate language database as your language setting (menu 5-5).

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.


Name:

MENU:Options

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

1. Press MENU .
2. Scroll to the desired mode by pressing ▲ or ▼ .
3. To select the mode highlighted, press OK .
4. You will find the selected text input mode indicator in the display.

Note: If you want to exit the menu without changing to a new mode, press i/C.

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:

5 JKL	3 DEF	8 TUV	1	7 PQRS	#	3 DEF	2 ABC	8 TUV	1
L	**e**	**t**	**‘**	**s**		**e**	**a**	**t**	**.**

Changing Case

Your phone offers three shift states;

- T9 : initial letter is capitalized
- T9 : all letters are capitalized
- t9 : all letters are lower case

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

Scrolling

- To move the cursor left or right through your text message, press ▲▼ .
- To scroll through alternate word choices for the keys you have entered, press 0 .

Clearing Letters and Words

Press i/C one or more times to clear letters to the left. Press and hold i/C to erase all.

ABC Mode

When typing in **Hebrew and English** 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 דהו ABC three times quickly to display the letter “C” , 5 יכל 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 דהו ABC	A B C 2
3 אבג DEF	D E F 3
4 מן GHI	G H I 4
5 יכל JKL	J K L 5
6 זחט MNO	M N O 6
7 רשת PQRS	P Q R S 7
8 צק TUV	T U V 8
9 סעפ WXYZ	W X Y Z 9
0	0

(Caps Lock mode)

Changing Case

Your phone offers three shift states;

- Ab : initial letter is capitalized
- AB : all letters are capitalized
- ab : all letters are lower case

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

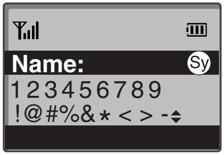
Another Usages

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

Symbol Mode

Symbol mode enables you enter symbols.



Name: Sy
123456789
!@#%&*<>-

Press 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 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 Menu Functions by Scrolling

1. In Standby mode, press MENU to access the menu facility. Scroll with MENU (or ▲ or ▼) 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 ▲ or ▼ Press OK to enter the submenu.

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

3. Scroll with ▲ or ▼ to find the setting of your choice. Press OK to confirm the chosen setting.

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

Accessing 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 **Sounds Type** option

Press 5 JKL and 2 ABC .

4 for **Sounds**, **2** for **Sounds Type** menu function.

3. Find the setting of your choice pressing ▲ or ▼, and then press OK.

Note: The numbers assigned to each menu function are indicated on the list on page 45.

List of Menu Functions

- 1. Calls
  - 1: Outgoing
  - 2: Incoming
  - 3: Missed
  - 4: Erase Logs
    - 1: Outgoing
    - 2: Incoming
    - 3: Missed
    - 4: All
  - 5: Air Time
    - 1: Last Call
    - 2: Total
    - 3: LifeTime
    - 4: Erase Total
- 2. Phone Book
  - 1: Find Name
  - 2: Add Entry
  - 3: Find Entry
  - 4: RelationSrch
  - 5: Add email
- 3. Scheduler
  - 1: Today
  - 2: View Month
  - 3: Jump To Date
  - 4: To Do List
  - 5: Count Down
  - 6: World Time
  - 7: Calculator
  - 8: Alarm
- 4. Sounds
  - 1: Volume
    - 1: Voice Vol
    - 2: Call Vol
    - 3: Alarm Vol
    - 4: Key Vol
  - 2: Sounds Type
    - 1: Calls
    - 2: Alarm
    - 3: Data/Fax In
    - 4: Schedule
  - 3: Alerts Set
    - 1: Minute Beep
    - 2: Service
    - 3: Connect
    - 4: Disconnect
    - 5: Fade
    - 6: Roam
    - 7: Power On/Off
    - 8: Privacy
- 5. Display
  - 1: Backlight
  - 2: Banner
  - 3: Animation
    - 1: Power On
    - 2: Power Off
    - 3: Idle Mode
  - 4: My Phone #
  - 5: Language
  - 6: Set Time
  - 7: Version
  - 8: Menu Style
  - 9: LCD Contrast

- 6. Games
  - 1 : Flying tight
  - 2 : Run for Money
  - 3 : Racing

- 7. Setup
  - 1: Auto Retry
  - 2: Auto Answer
  - 3: Answer Mode
  - 4: Tone Length
  - 5: Set NAM
  - 6: Data/Fax
  - 7: Wishper Mode
  - 8: Key Guard

- 8. Security
  - 1: Lock Mode
  - 2: Restrict
    - 1: Long Distance
    - 2: International
    - 3: Outgoing
  - 3: Lock Code
  - 4: Emergency #
  - 5: Clear MEM
  - 6: Reset Phone
  - 7: Voice Privacy

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

3. If you want to access **Options**, press MENU . 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 47.

Missed

Menu 1-3

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

For further information on scrolling through the list and accessing a call log, see “Outgoing” on page 47.

Erase Logs

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: 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 i/C .

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 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.

Life Time: 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 Name

Menu 2-1

This option allows you to find an entry by its name.

Note: You can locate Phonebook entries by name quickly when the phone is in Standby mode. Press ▼ to access this menu in one step.

1. Press up or down navigation to scroll to the desired name.

   You can also enter the character(s) of the name by pressing the associated alphanumeric key(s). The character(s) appears in the text entry box at the bottom of the display. Press OK. Using this method, the phone searches for the names in the list containing that character(s), and then displays the first name in that section of the list.

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

   Note: If you have stored the several numbers into different categories under one entry, they are listed under the name. Press up or down navigation key to find the number you want.

3. The phone shows the details on the name. Press ☎ to place a call.

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

Talk: dials the number.

Add #: allows you to add a new entry or a number to an existing entry.

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

Prepend: allows you to add digits such as area codes and network feature activation codes to a phone number .

Erase: erases the number.

Name Ring: allows you to designate a unique ring tone to signal an incoming call from the number.

E-mail addr: allows you to store an email address in the entry.

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 office 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. Highlight the desired option you want to customize by using the navigation key. The following options are available:

   - **New Name**: Enter the desired name. You can enter up to 12 characters. For further information on how to enter text, see page 35.
   - **Entry**: The first available location displays. If necessary, enter the location number using the number keys.
   - **Secret**: To set the number in secret, select **On**. Setting **Secret** prevents a number from being displayed when it is accessed by unauthorized user, or dialed. When you have made the number secret, only a person with your phone's lock code can view the number.
   - **Category**: Select the label for the number. The available categories are Speed Dial, Home, Mobile, Office, Pager, Fax, or No Label.
   - **Relation**: Select the desired one of the five predefined relation groups, where the entry is included. Grouping the entries enables you to locate only the numbers in the desired group.
   - **Ring Type**: 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.

3. Press MENU/⊕ to edit the setting for the selected option.

4. Repeat steps 2 and 3 to customize another option.

5. 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.”

Find Entry

Menu 2-3

This option allows you to find an entry by its location number.

1. Enter the location by pressing the numeric keys.
2. When the desired entry highlighted, press OK/✉ to view the details, press ☎ to make a call to the number.

If you press MENU/🗑, you can access the options. For further information on **Options**, refer to the **Find Name** menu on page 50.

Relation Search

Menu 2-4

This option allows you to find an entry by its relation group.

1. Select the group containing the entry you want to find using *⇧ or #🖂 key.
   The phone lists all entries in the selected group.
2. Scan through the list using up or down navigation key to find the desired entry.

Add E-mail

Menu 2-5

This option allows you to store an e-mail address as a phonebook entry.

1. Enter the e-mail address and press OK/✉ .

   For further information on entering text, see page 35.

2. The phone asks if you want to make a new entry. Press OK/✉ and complete storing the address.

Scheduler

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 3-1

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.

Scheduling an Event

1. Enter your event information. You can enter up to 32 characters. For more information on entering letters, see page 35.
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 up or down navigation key. Selecting **No alarm** does not ring the alarm.
6. Press OK/✉ to save your event.

Adding, Editing, or Erasing an Event

If you already scheduled events when you select the **Today** menu option (**3-1**), the events are displayed. Press ▲▼ 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.

View Month

Menu 3-2

You can to enter the scheduler menu by pressing the up 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.

Creating a New Event

Scroll to the desired date in the calendar using the navigation keys and volume keys and then press OK to confirm the selected date. And schedule a new event referring “Today” on page 56.

Adding, Editing, or Erasing a Event

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

For further details on Options, refer “Today” on page 56.

Jump To Date

Menu 3-3

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 .

To create, edit or erase the events, refer to “View Month” on page 57.

To Do List

Menu 3-4

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

Creating the To Do Item

1. Enter the first task.

   Note: You can enter up to 32 characters. For further details on how to enter characters, see page 35.

2. Press OK 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 to store the task.

Adding, Editing and Erasing an To Do Item

If tasks are already defined in the To Do List when you select the **To Do List** menu option (**3-4**), 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 the selected task.

Erase all: allows you to erase all tasks.

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

Count Down

Menu 3-5

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 20 Count down timers using this menu.

Creating a Count Down Timer

1. Enter a name for your new Count down item and press OK . For details on entering text, see page 35.

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.

Adding, Editing and Erasing a Count Down Timer

If a Count Down timer is already defined when you select the **Count Down** menu option (**3-5**), 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.

Erase all : allows you to delete the item.

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

World Time

Menu 3-6

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 3-7

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/✉ .
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 i/C.
- Use * to enter a decimal point and # to change the sign of a number to a negative (-).

Alarm

Menu 3-8

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

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/✉ .

Sounds

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

- Call volume and type
- Key or voice volume
- Alert sounds

Volume

Menu 4-1

This menu option allows you to adjust the ringer volume.

Voice Vol: allows you to adjust the voice volume of the earpiece.

> **Note**: You can adjust the volume using the volume keys on the left side of the phone during a call.

Call Vol: allows you to adjust the ringer volume for the incoming calls.

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

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

> **Note**: You can adjust the key volume using the volume keys on the left side of the phone in Standby mode.

Press up or down navigation key 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.

Beep: sounds a beep.

Off: does not sound the ring.

Sounds Type

Menu 4-2

This option allows you to set a unique ring for voice calls, messages, data/fax, alarm, and schedule. Select a unique ring tone from 31 bells or 15 melodies.

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

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).

Schedule: allows you to have a distinctive ring for an schedule alarm.

Alerts Set

Menu 4-3

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 Area: 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.

Power On/Off: With this menu option set to **On**, the phone sounds an alert when your phone switched on and off.

Privacy: With this menu option set to **On**, the phone sounds an alert when you loose a private encrypted CDMA line.

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.

Backlight

Menu 5-1

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 off: The backlight is always off.

Banner

Menu 5-2

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 i/C repeatedly to delete each letter of the old greeting.
   Press are hold i/C to clear off the old greeting.
2. Enter your banner message up to 12 characters in English by using the alphanumeric keys. For further information on how to enter letters, refer to page 35.
3. When entering is completed, press OK/✉ to save the new banner.

Animation

Menu 5-3

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.

Incomming Call: You can select an image to be displayed when a call comes in.

Delete Image: You can delete the images downloaded from the wireless web.

My Phone Number

Menu 5-4

This option shows your phone number.

After viewing the number, pressing OK/✉ returns to Standby mode.

Language

Menu 5-5

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

Select the desired language by pressing up or down navigation key. The available languages are **Englisgh** and **?????**.

Set Time

Menu 5-6

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

To set the date and time, proceed as follows:

1. Enter the current time and date using the numeric keys.

   The month, day, hour and minute must be entered with 2 digits. The year requires all four digits. And you must enter the hour in 12-hour format. To select AM or PM, press 2 ABC for **A** (AM) or 7 PQRS for **P** (PM).

2. When entering is completed, press OK/✉ to save the time and date.

   If you enter a wrong time, the phone displays ‘**Invalid time**’ and prompts you to enter again.

Version *Menu 5-7*

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

Menu Style *Menu 5-8*

This option allows you to set the style of showing main menu list.
Horizontal and **Vertical** are available.

LCD Contrast *Menu 5-9*

The menu allows you to adjust the brightness of the main and front LCD screens.

Press ▲ to make the screen brighter, and ▼ to make the screen darker. You can also use the volume keys to adjust the brightness.

Each time you press the key, you will see the selected status of the LCD.

Press OK/✉ to save your setting..

Games

This menu allows you to play three games; **Flying tight, Run for Money** and **Racing.**

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.

> **Note:** For playing the game, you can use ▲ or 2 ABC to move up, ▼ or 8 TUV to move down, * or 4 GHI to move to the left and # or 6 MNO to move to the right.

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 Retry

Menu 7-1

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. **every 60 sec**, **every 30 sec**, and **every 10 sec** are available.
Select **Off** deactivates this feature.

Auto Answer

Menu 7-2

This menu option is used only when the phone is connected to an optional hands-free car kit or ear-microphone.

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. **after 1 sec**, **after 3 sec** and **after 5 sec** 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 48).

Answer Mode

Menu 7-3

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 ☎ .

Tone Length

Menu 7-4

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.

Set NAM

Menu 7-5

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.

Data/Fax

Menu 7-6

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 95/98/NT/2000 or XP. 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 call for next 10 minutes.

Fax until Powered Off: Your phone receives fax call 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.

Whisper Mode

Menu 7-7

Whisper mode automatically increases the receiving sensitivity of the microphone to obtain the maximum quality of a call even when you speak in a softer voice so that the caller can hear you as if you are speaking normally.

Note: It is not recommended that the ear piece be used while using Whisper mode. Audio level may increase without notice depending on the surrounding conditions.

Select **On** to use this mode, or **Off** not to use it.

Key Guard

Menu 7-8

You can make the keypad lock manually by pressing and holding MENU in standy mode. You can prevent accidental key pressing with this key guard mode.
When this menu option is set to **On**, in standyby mode the key guard will activate automatically after the predetermind amount of time.

To unlock you keypad, press i/C and hold MENU .

Note:When you have incoming calls and SMS messages in key guard mode the key guard is deactivated automatically, after then you get the standby mode the key guard will activate automatically after the predetermined amount of time.

Turning on the backlight by pressing i/C in key guard mode.

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 Mode

Menu 8-1

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.

Now: the phone locks immediately.

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

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 **8-4**.
- 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.

Restrict

Menu 8-2

This feature allows you to restrict the following types of calls.

Long Distance: you can allow or restrict all long distance calls from your phone.

International: you can allow or restrict all international calls from your phone.

Outgoing: you can allow or restrict all outgoing calls.

Lock Code

Menu 8-3

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 OK/✉.

Emergency Number

Menu 8-4

Emergency Number

Your phone provides the option of storing three emergency numbers. All these numbers can be manually dialed at any time even when your phone is locked.

IMPORTANT NOTICE!
Because of various transmission methods, network parameters and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.
DO NOT depend on this phone as a primary method of dialing 100 or for any other essential or emergency communications.

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

To store a emergency number:

1. If necessary, select an empty location by using the navigation keys, and press OK/✉.

2. Enter the desired number and press OK/✉ to save the number.
   Each emergency number can be up to 32 digits long. The number already stored in the selected location is automatically deleted when you enter a new number.

To make an emergency call in Lock mode, simply enter a programmed number, then press ☎.

Clear Memory

Menu 8-5

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 *Menu 8-6*

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.

Voice Privacy *Menu 8-7*

Used only in digital networks, Voice Privacy encrypts the voice channel so that people cannot eavesdrop on your conversation.

The following options are available.

Enhanced: turns this feature on. The phone will make and receive calls on an encrypted high security line.

Standard: turns this feature off. The phone will use a standard line for calls.

Note: This feature may not be available in all areas. Contact your service provider for details and availability.

Mail Kit

Your phone can receive voicemail notification, text messages. Also, your phone can send text messages 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, or until you listen to the new voicemail messages.

When you get an incoming message in Lock mode, the lock mode is deactivated automatically. When you retrun the standby mode the phone will be locked automatically after the predetermined amount of time.

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).

To enter the Mail Kit menu, press OK/✉ in Standby mode.

Message-related Icons

- 🗐 **Duplicated**: indicates that a duplicated messages was sent.
- ✉ **Filed Message**: displays if a message has been filed.
- ✉ **Message**: displays when outgoing messages are transmitted.
- ✉ **Message read**: displays when you have read a message.
- ✉ **Message received**: indicates that an incoming text, voicemail, page or browser message has been received.
- M **Multi**: displays if multi messages are successfully delivered.
- ✉ **Send delivered**: displays if a sent message is delivered.
- ✉ **Send failed**: displays if a message failed to be sent.
- 🔒 **Lock Message**: displays when a message is locked.

New Messages

Menu ✉ *-1*

You can create short text messages 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/✉.

2. Enter the message contents. For further details on how to enter text, see page 35.

   Note: A total of 112 characters can be entered for each message.
   The e-mail address is not provided.

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

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

   - **Recipient**: edits the send-to phone numbers.
   - **Message**: edits the message contents already entered.
   - **Callback**: edits the callback number. Enter the new number to replace the current number.
   - **Options**: edits following options.
     Delivery Ack: On/Off
     Message: Do not save/Prompt save/Auto save
   - **Action**: shows the button commands.

Note: Callback and Delivery ACK are already preset to default values in the **Msg Setup** menu (✉ **-4**).

5. Press ☎ to send the message.

Voice

Menu ✉ *-2*

When the voicemail notification displays, press up or down navigation key to scroll to the desired voice mail and press OK/✉ 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 ☎ to listen to voicemail message. The phone will automatically dial your voicemail box.

Note: You can also access your voicemail box by pressing and holding OK/✉ in standby mode.

Inbox

Menu ✉ *-3*

Your phone can store up to 55 numeric pages and text messages all together in the inbox, outbox and filed message. If the message memory is full, the phone automatically deletes the messages from the oldest one to receive additional 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 cb#: allows you to save the call back number of the message.

Lock/Unlock msg: the **Lock** option allows you to keep the message from being deleted. They will not be erased until you unlock by using the **Unlock** option.

Go URL: allows you to connect to URL address.

If there is numbers in the message contents, you can make a call to one of them or save them in your phonebook. Press ☎ , and the list of the numbers displays. Press ▲ or ▼ to select a number, and then press ☎ to make a call or OK/✉ to save the number.

Outbox

Menu ✉*-4*

You can review or resend the messages stored in Outbox, if needed.

When you enter the Outbox menu, you can see the message list.

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.

Resend: allows you to resend the message. For further information on sending a message, see page 83.

Delete: deletes the message from Outbox.

Filed Messages

Menu ✉*-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. Finish inputing the message 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.

Once you send a filed message, it is automatically deleted from the Filed Message box.

Erase Messages

Menu ✉*-6*

Using this menu option, you can erase all messages in each of five message boxes; Voice, Old, New, Outbox and Saved.
You can also erase all of the messages at one time.

Message Setup

Menu ✉-7

Using this menu, you can set up the various options for the message. Also, you can erase all incoming or outgoing messages.

General

You can set up the following options for incoming messages.

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.Remind

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.

Message Volume

You can set the volume level or type using the up or down navigation key.

Ringer Type

You can set the ringer type for Voice Mail, Text.

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**.

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

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.

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SAMSUNG

SCH-N191 Quick Reference Card

BASIC OPERATION

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 vibrate mode	Hold #
Activate key guard Deactivate	Press and hold **MENU** Press **C** and hold **MENU**

INTERNAL PHONE BOOK

Store a new number into memory	Phone number + **OK** + **OK** + ⌄ + **MENU** + name + **OK** + ⌄ + **MENU** + location + **OK** + ⌄ + ⌄ + **MENU** + category + **OK** + **OK**
Speed dial	One Touch (001~009): *Hold down the third digit.* Two-Touch (010~099): *Press the second digit briefly, then hold down the third digit.* Three-Touch (100~500): *Press the first and the second digit briefly, then hold down the third.*
Scan memories	⌄ + name (0r ⌃/⌄) + **OK**

MENU TREE

Main Menu *(To access, press MENU)*

1 : Calls	1 : Outgoing
	2 : Incoming
	3 : Missed
	4 : Erase Logs
	5 : Air Time
2 : Phone Book	1 : Find Name
	2 : Add Entry
	3 : Find Entry
	4 : RelationSrch
	5 : Add email
3 : Scheduler	1 : Today
	2 : View Moth
	3 : Jump To Date
	4 : To Do List
	5 : Count Down
	6 : World Time
	7 : Calculator
	8 : Alarm
4 : Sounds	1 : Volume
	2 : Sounds Type
	3 : Alerts Set
5 : Display	1 : Backlight
	2 : Banner
	3 : Animation
	4 : My Phone #
	5 : Language
	6 : Set Time
	7 : Version
	8 : Menu Style
	9 : LCD Contrast
6 : Games	1 : Flying Tight
	2 : Run for Money
	3 : Racing
7 : Setup	1 : Auto Retry
	2 : Auto Answer
	3 : Answer Mode
	4 : Tone Length
	5 : Set NAM
	6 : Data/Fax
	7 : Whisper Mode
	8 : Key Guard
8 : Security	1 : Lock Mode
	2 : Restrict
	3 : Lockcode
	4 : Emergency #
	5 : Clear MEM
	6 : Reset Phone
	7 : Voice Privacy

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