

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



CELLULAR PHONE
SCH-N191
XBS

User's Manual



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

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

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Important Safety Precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see “Health and Safety Information” on page 93.

Road Safety at All Times

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

Switching Off When Refuelling

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

Switching Off in Aircraft

Wireless phones can cause interference. Using them in aircraft is both illegal and dangerous.

Switching Off in Hospitals

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

Interference

All wireless phones may be subject to interference, which could affect their performance.

Special Regulations

Meet 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).

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Sensible Use

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

Accessories and Batteries

Use only Samsung-approved accessories and batteries.

Qualified Service

Only qualified service personnel may install or repair your phone.

Unpacking

Your package contains the following items.

Handset



Headset



Travel Adapter



User's Manual



Battery



Hand Strap



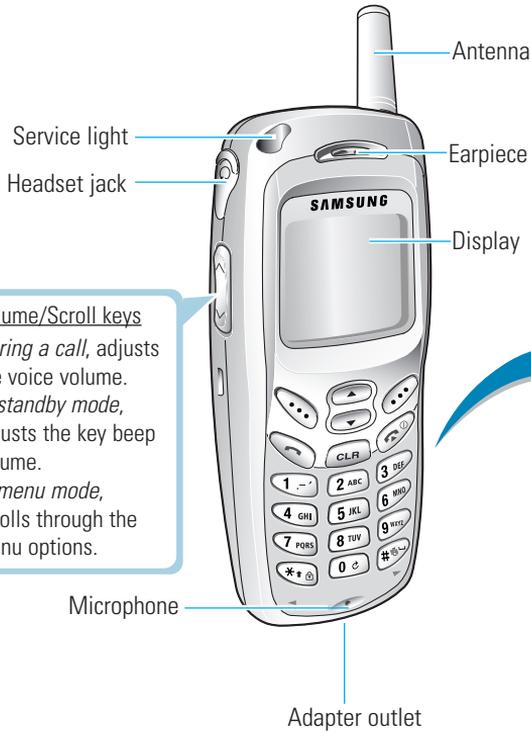
In addition, you can obtain the following accessories for your phone from your local Samsung dealer:

- Cigarette Lighter Adapter
- Headset

Your Phone

Phone Layout

The following illustrations shows the main elements of your phone.



Key

Functions



(soft keys)

Perform the functions indicated by the text above them, on the bottom line of the display.



In menu mode, scroll through the menu options and Phonebook memory.
In standby mode,  enters the **View Month** menu,  enters the **Find Name** menu.



Makes or answers a call.
In standby mode, redials the last outgoing number when pressed twice or held down.



Ends a call. Also switches the phone on and off when held down.
In menu mode, cancels your input and returns to standby mode.



Deletes characters from the display.
In menu mode, returns to the previous menu level.



Enters numbers, letters and some special characters.



Key**Functions** *(continued...)*

In standby mode, activates the key guard mode when held down.

In menu mode, scroll through the menu options.

In text input mode, changes the case. Also, use this key for special star calling feature.



In standby mode, enters or exits vibrate mode when held down.

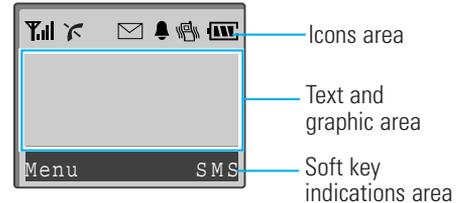
In menu mode, scroll through the menu options.

In text input mode, inserts a space. Also, it is used at various times when you dial especially when using teleservices.

Display

Layout

The display has three areas.



Icons



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



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.



New Message: Appears when a new text message is received.



Alarm: Appears when you set an alarm.



Vibrate mode: Appears when vibrate mode turns on or call volume was set vibrate level. Incoming calls vibrate the phone instead of ringing.



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

Other Icons



Ringer Off: Appears when you set the **Ringer Vol** option to **Off**.



Vibrate Mode: Appears when vibrate mode is activated.



Voice Privacy: Appears when the Voice Privacy feature is activated.



Key Guard Mode: Appears when the key guard mode is activated.

Note: To display other icons, you need to set **Idle Mode to Banner** in the **Wallpaper** menu option (**MENU 5-3**).

Backlight

A backlight illuminates the display and the keypad. When you press any key, the backlight lights up. It turns off if no key is pressed within a given period of time, depending on the **Backlight** option set under the **Display** menu.

In key guard mode, the backlight turns on only when you press **CLR**.

To specify the length of time the phone waits before the backlight turns off, set the **Backlight** menu option (**Menu 5-1**); see page 63 for further details.

Service Light

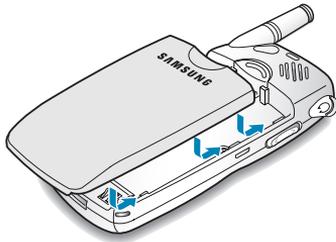
The service light is on the top left of the phone. It flashes to indicate an incoming call or message. It also flashes for a few seconds when you turn the phone on.

Getting Started

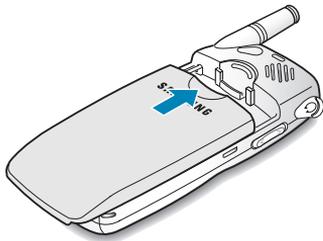
Installing the Battery

To Install the Battery

1. Place the battery so that the tabs on it align with the slots on the back of the phone.

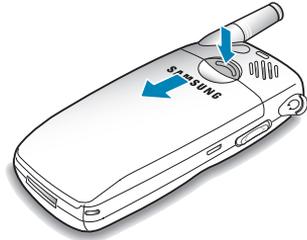


2. Slide the battery toward the top of the phone until it clicks into place.



To Remove the Battery

1. If necessary, switch off the phone by holding down  until the power-off graphic begins playing.
2. Push the catch above the battery on the back of the phone.
3. Slide the battery toward the bottom of the phone and lift it away.



Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. A travel adapter comes with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

You can use the phone while the battery is charging.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery is fully recharged in approximately 3 hours.

1. With the battery in position on the phone, plug the connector of the travel adapter into the connector slot at the bottom of the phone.
2. Plug the adapter into a standard AC wall outlet.

The service light indicates the status of the battery being charged.

- Red: the battery is charging.
- Green: the battery is fully charged.
- Orange: the battery is not plugged properly or operating at a temperature that is too high or too low. Please check the adapter and battery.

3. When charging is finished and the lamp on the charger turns green, unplug the adapter from the AC wall outlet and then from the phone.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery sensor lets you know by blinking an empty Battery Strength icon (), you will hear a warning tone and a message will be repeated at regular intervals on the display. When the battery becomes too weak for the phone to operate, it switches off automatically.

Switching the Phone On or Off

1. Press and 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, it displays the date and time. You can now place and receive calls.



If the phone is out of the service area, the No Service icon () appears on the display and you cannot make and receive calls. You can try again later when service is available.

Note: The display differs from country to country.

2. 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 key guard mode, unlock the keys first by pressing  and holding .

Your Phone's Modes

Standby Mode

Standby is the most basic state of your phone. The phone goes into standby mode after you turn it on, or whenever you briefly press . When your phone is in standby mode, you will typically see the banner message and current date and time. If you enter a phone number, you can press  to dial it or press the **Save** soft key to save it in the internal Phonebook.

Press  at any time to return to standby mode. Be careful; if you are on a call when you press , you will disconnect the call and return to standby mode. Press  several times or hold it down to return to standby mode without ending the call.

The Main Menu can be 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 the **Menu** soft key gives you a list of options. See page 28 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 15 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 lets you know when your phone is operating in power save mode.

Key Guard Mode

You can lock the keypad by pressing and holding  in standby mode. You can prevent accidental key pressing with this key guard mode.

To unlock your keypad, press  and hold .

When you have incoming calls in key guard mode, the key guard is automatically deactivated and the phone goes to standby mode. The key guard will be automatically activated after the predetermined amount of time.

Lock Mode

When you lock your phone using the **Lock Mode** menu option (**Menu 7-1**) in the **Security** menu, you cannot use the phone's features. In lock mode, you can receive messages and calls, but you cannot place an outgoing call until you unlock the phone.

For details about locking and unlocking your phone, see page 70.

Call Functions

Making a Call

In standby mode, enter the area code and phone number and press .

Note: If you have set **Auto Redial** option (**Menu 6-1-1**) to **On**, the phone will automatically retry the call up to 10 times when a connection fails.
See page 66.

Correcting the Number

To clear	Action
the last digit displayed	press  .
the whole display	hold down  for more than one second.

Ending a Call

When you want to finish your call, briefly press .

If you press , the call time, or the length of the call, displays briefly and the phone returns to standby mode.

Making a Call from the Phonebook

You can store the phone numbers that you use regularly in the phone's memory, which are collectively called the Phonebook. Simply select the required name to recall the associated number to dial.

For further details about the Phonebook feature, refer to page 53.

Redialling the Last Number

To redial the last call you made, press  twice quickly or press and hold the key down.

Your phone stores the last 10 numbers you dialled. To redial any of these numbers:

1. If you have typed any characters on the display, press  to return to standby mode.
2. Press  to display the list of the dialled numbers.
3. Use  and  to scroll through the numbers until the required number display.
4. To dial the number displayed, press .

Emergency Dialling

You can place emergency call from your priority number list even if your phone is locked. For further information on emergency numbers, see page 72.

Prepend Dialling

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 Phonebook or Call Logs.

To prepend existing phone numbers in the Phonebook or Call Logs:

1. Access a phone number entry in a Call log or your Phonebook. See page 21 or page 53.
2. When the desired phone number displays, press the **Option** soft key to access the Options menu.
3. Press  or  until **Prepend** highlights.
4. Press the **OK** or **Select** soft key.
5. Enter the area code or feature code.
6. Press  to dial the number.

Speed Dialling

Once you have stored phone numbers in the phonebook memory, you can dial them easily whenever you want. You can assign upto 300 numbers for Speed Dialling.

One-Touch Dial

You can dial the phone numbers stored in the phonebook 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 dialled.

For example: Location no. 009
press and hold .

The stored number and name display and then the phone dials the number.

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 location.

For example: Location no. 023
Press  briefly and hold down .

The stored number and name display and then the phone dials the number.

Three-Touch Dial

Memory locations 100 through 300 are special three-touch locations.

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

For example: Location no. 123

Press  and  briefly and hold down .

The stored number and name display and then the phone dials the number.

Note: When several numbers are saved in one location, only the phone number which is specified with the **Speed dial** label will be automatically dialed. For details, refer to page 55.

Pause Dialling

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

To store a number in your Phonebook that contains pauses:

1. Enter the phone number you want to store, such as the bank's tele-service phone number.

2. Press the **Pause** soft key.

The letter "P" displays within the number, meaning that a hard pause will occur at that point in the calling sequence.

3. Continue entering numbers and using the **Pause** soft key to enter pauses.
4. Store the number in your Phonebook as you normally would by pressing the **Save** soft key and following the screen prompts.

Pause Dialling from a Stored Phonebook Entry

1. Dial the number from the Phonebook.
2. Wait for the appropriate prompt for the number, such as a credit card number or a bank account number.
3. When prompted, press  to send the DTMF (Dual-Tone Multi-Frequency) number that follows your pause.

Manual Pause Dialling

You can enter pauses manually during the dialling 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 the **Pause** soft key.

The letter "P" displays within the number, meaning that a hard pause will occur at that point in the calling sequence.

- Continue entering the number and using the **Pause** soft key to enter pauses.
- When the number is completed, press  to make a call to the number.

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 upper part to increase the volume level and the lower part to decrease the level. After adjusting the volume level, press the **OK** soft key.



In standby mode, you can adjust the key beep volume using these keys.

Answering a Call

When someone calls you, the phone rings and displays the phone icon in the middle of the display.

When the caller can be identified, the caller's phone number, or name, if it is stored in your Phonebook, displays.

- To answer a call, press .

If the **Answer Mode** menu option (**Menu 6-1-2**) is set to **By any key**, you can answer the call by pressing any key, except for  and the volume keys.

If the menu is set to **By send key**, you must press  to answer the call. For further details on the **Answer Mode** menu, see page 66.

When you press  or the volume key once, when a call is received, the phone stops ringing or vibrating depending on the mode it is in. You can still answer the call by pressing . Press  twice to disconnect without answering the call.

- To end an answered call press .

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

Options During a Call

Your phone provides a number of control functions that you can use during a call. As many of the functions are network services, you may not be able to use all of them at all times.

Press the **Menu** soft key during a call to access the following options:

Mute/Quit: allows you to switch your phone's microphone off or on. When you mute the microphone, the other party cannot hear you. And displays 'M' between left softkey and right soft key.

For 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. See page 50 for details.

Phone Book: allows you to access the **Phone Book** menu. See page 53 for details.

Silent/Quit: allows you to switch the key tones off or on. By switching the tones off, you can press the keys without hearing annoying key tones during a call. And displays 'S' between left softkey and right soft key.

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

Voice Privacy : encrypts the voice channel so that people cannot eavesdrop on your conversation. For further details, see page 73.

Whisper Mode : allows you to switch whisper mode on to increase the receiving sensitivity of the microphone. See page 69 for further details.

Send DTMF : allows you to send the DTMF tones of the displayed number.

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 Phonebook, the corresponding name displays along with the number. If you call someone whose phone is available this feature, your phone number displays on her or his phone.

Note: For further details about the Caller ID service, contact service provider.

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  or **Redial** soft key to call the displayed number.

To view missed calls, access the **Missed** menu option (**Menu 1-3**). For further details, see page 51.

Quickly Switching to Vibrate Mode

The vibrate mode disables all sounds on the phone. This feature is best used in situations where the phone might disturb others, such as in a meeting, at a library or in a theater. You can switch your phone to vibrate mode with one touch of a key.

In standby mode, to enter the vibrate mode, press and hold down  until "Entering Vibrate Mode" and the Vibrator icon () display.

To exit the vibrate mode and reactivate the previous sound settings, press and hold down  again until "Exit Vibrate Mode" appears. The Vibrator icon no longer displays.

Call Forwarding

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

Note: Contact service provider for availability.

Call Waiting

The Call Waiting feature allows you to receive another call while you have a call in progress. Your phone alerts you to a call waiting by beeping and 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 service provider for availability.

To answer a waiting call:

1. Press  and the current call is put on hold and you can answer the waiting call.
2. Press  again to switch between the two calls.

Note: If you do not answer a waiting call, the phone will forward the call to voicemail or another number that you have set up. Contact service provider for more information.

Three-Way Calling

This feature allows up to three people to take part simultaneously in a call. The phone records each party into the Dialed Calls Log. Also, You are billed airtime for each outgoing call separately.

Note: Contact service provider for availability.

To place a Three-Way call:

1. During a call, enter a phone number of the second participant, and press .
2. When you are connected to the second participant, press  to begin the three-way call.

If one of the callers hangs up, the call ends with that participant, but you can continue to talk with the other participant. If you initiated the call and you hang up first, all three parties are disconnected.

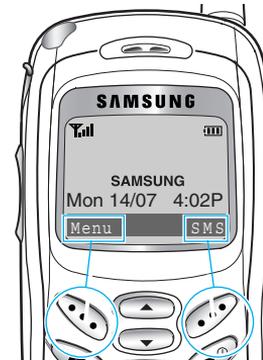
Selecting Functions and Options

Using the Soft Keys

Your phone offers a set of functions that allow you to customize it. These functions are arranged in menus and sub-menus, accessed via the two soft keys marked  and . Each menu and sub-menu allows you to view and alter the settings of a particular function.

The roles of the soft keys vary according to the current context; the label on the bottom line of the display just above each key indicates its current role.

Example:



Press the left soft key to access the menu options.

Press the right soft key to access the SMS feature.

Note: The display differs from country to country.

Selecting Functions and Options

To view the various functions/options available and select one required:

1. Press the appropriate soft key.

To	Press
select the: <ul style="list-style-type: none"> • function displayed or • options highlighted 	the Select soft key.
view the next function or highlight the next option in a list	 or  .
move back to the function or option in a list	 or  .
move back up one level in the structure	the Back soft key or  .
exit the structure without changing the settings.	 .

In some functions, you may be asked for a lock code. Enter the required code.

Example: Setting the Display Backlight

1. When the idle screen displays, press the **Menu** soft key to enter the menu mode.

Note: The display differs from country to country.



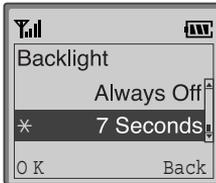
2. Scroll through the menus until you reach the **Display** menu, by pressing .



3. To enter the **Display** menu, press the **Select** soft key.



4. Press the **Select** soft key to enter the **Backlight** menu.
5. The current setting highlights and the * mark displays next to it. Select the appropriate time by pressing  or .



6. Press the **OK** soft key to confirm your selection.
7. Press the **Back** soft key or  twice to exit the menu structure.

Entering Text

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

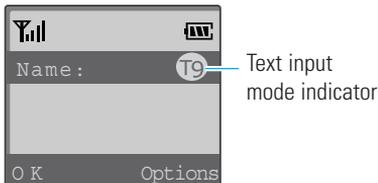
Your phone has the following text input modes:

- **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 - when you press  once, J,K or L displays. The T9 mode automatically compares your key presses to an internal linguistic database to determine the correct word thus requiring 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 displays.
- **Symbol:** This mode allows you to enter various symbols and special characters.
- **123:** This mode allows you to enter numbers.

Changing the Text Input Mode

When you are in a field that allows characters to be entered, you will notice the text input mode indicator on the display.

Example: When you are entering a name



To change the text input mode:

1. Press the **Options** soft key.
2. Scroll to the desired mode by pressing  or .
3. To select the mode highlighted, press the **OK** soft key.

You will find the selected text input mode indicator on the display.

Note: If you want to exit the menu without changing to a new mode, press  or the **Options** soft key.

Using the T9 Mode

The T9 predictive text input mode allows you to enter any character using single keystrokes. This text input mode is based on a built-in dictionary.

1. When you are in T9 predictive text input mode, start entering a word by pressing keys  to . Press each key only once for one letter.

Example: To enter Hello in T9 mode, press , , ,  and .

The word you are typing appears on the display. It may change with each key press.

2. Type to the end of the word before editing or deleting any keystrokes.
3. If the word is correct, start entering the next word.

Otherwise, press  to display alternative word choices for the keys that you have pressed.

Example: both “OF” and “ME” have the sequence of  and . The phone displays the most commonly used choice first.

4. Put a space between words by pressing .
- To type words not found in T9 mode, change the text input mode to ABC mode.

- To enter full stops, hyphens or apostrophes, press . The T9 mode applies grammar rules to ensure that the correct punctuation is used.

Example: is used twice to display two punctuation marks:



- To change the case in T9 mode, use . There are three cases:
 - : initial letter is capitalized.
 - : all letters are capitalized.
 - : all letters are lower case.
- You can enter a space by pressing .
- You can move the cursor to the left or right through your text by pressing or .
- To delete letters, press . Press and hold down to clear the display.
- To enter a number between letters without exiting the T9 input mode, press and hold the desired number key.

Using the ABC Mode

When typing in ABC mode, you should press the keys labeled with the required letter:

- Once for the first letter
- Twice for the second letter
- And so on.

This method is called Multi-tap typing.

For example, you press three times to display the letter "C" and two times to display the "K."

Note: 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 to the right automatically, and then select the next letter.

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

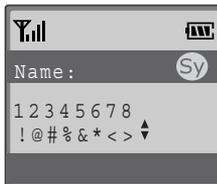
Key	Characters in the Order Displayed
	. @ , : ? - ; ' / () ! # % & * < > _ + = " \ { } \$ [] ` ~ ^ 1
	A B C 2 a b c 2
	D E F 3 d e f 3
	G H I 4 g h i 4
	J K L 5 j k l 5
	M N O 6 m n o 6
	P Q R S 7 p q r s 7
	T U V 8 t u v 8
	W X Y Z 9 w x y z 9
	0

(Caps Lock mode)

- To change the case of the next letters that you type, press . There are three cases:
 -  : initial letter is capitalized.
 -  : all letters are capitalized.
 -  : all letters are lower case.
- You can enter a space between words by pressing .
- You can move the cursor left or right through your text by pressing  or .
- To delete letters, press . Press and hold  to clear the display.
- To enter a number between letters without exiting the ABC mode, press and hold the desired number key.

Using the Symbol Mode

The Symbol mode allows you to enter symbols.



Press  or  to display more symbols.

Press the number keys corresponding to the desired symbol. The phone automatically switches back to the text entry mode used just prior to selecting the Symbol mode.

Using the 123 Mode

The 123 mode enables you enter numbers. Press the keys corresponding to the desired digits, and manually switch back to text input mode of choice; see page 38 for changing the text input mode.

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 the **Menu** soft key to access menu mode.
2. Press  or  to reach the desired main menu; for example, **Display**. Press the **Select** soft key to enter the **Display** menu.
3. If the menu contains any submenus; for example, **Wallpaper**, find the one you want by pressing  or . Press the **Select** soft key to enter the submenu.
If the selected menu contains submenus, repeat this step.
4. Press  or  to find the setting of your choice. Press the **OK** soft key to confirm the chosen setting.

Notes:

- You can return to the previous menu level by pressing the **Back** soft key or .
- You can exit the menu without changing the menu settings by pressing .

Accessing Menu Functions by Using its Shortcut

The menu items, such as menus, submenus and setting options, are numbered and can be accessed quickly by using their shortcut numbers.

Note: The numbers assigned to each menu function are indicated on the list on page 46.

1. In standby mode, press the **Menu** soft key to access menu mode.
2. Within thirty seconds, enter the first digit of the shortcut number. Repeat this for each digit of the shortcut number.

Example: Selecting a melody for calls

Press , , , and .

4 selects **Sounds**, **2** selects **Ring Tones**, **1** selects **Calls** and **2** selects the **Melody** menu function.

3. Find the setting of your choice by pressing  or  and then press the **OK** soft key.

List of Menu Functions

1. Calls

- 1: Dialed
- 2: Received
- 3: Missed
- 4: Erase Logs
- 5: Call Duration
 - 1: Last Call
 - 2: Total
 - 3: LifeTime
 - 4: Erase Total

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2. Phone Book

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

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3. Games

- 1: Flying tight
- 2: Run for Money
- 3: Racing

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4. Sound

- 1: Volume
 - 1: Voice Vol
 - 2: Call Vol
 - 3: Alarm Vol
 - 4: Key Vol
- 2: Ring Tones
 - 1: Calls
 - 2: Alarm
 - 3: Schedule
- 3: Alerts Set
 - 1: Service
 - 2: Connect
 - 3: Disconnect
 - 4: Power On/Off
 - 5: Privacy

5. Display

- 1: Backlight
- 2: Banner
- 3: Wallpaper
- 4: Menu Style
- 5: LCD Contrast

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6. Setup

- 1: Call Setup
 - 1: Auto Redial
 - 2: Answer Mode
- 2: Phone Setup
 - 1: Key Guard
 - 2: Tone Length
 - 3: Set Time
 - 4: Whisper Mode
- 3: System Setup
 - 1: Set NAM
 - 2: Version

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7. Security

- 1: Lock Mode
- 2: Lock Code
- 3: Emergency No.
- 4: Clear Ph Book
- 5: Reset Phone
- 6: Voice Privacy

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8. Organiser

- 1: Scheduler
 - 1: Today
 - 2: View Month
 - 3: Jump To Date
- 2: To Do List
- 3: Countdown
- 4: World Time
- 5: Calculator
- 6: Alarm

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During a Call + **Menu**

- 1: Mute/Quit
- 2: Calls
- 3: Phone Book
- 4: Silent/Quit
- 5: Version
- 6: Voice Privacy
- 7: Whisper Mode
- SEND: Send DTMF

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SMS

- 1: New Messages
- 2: Voice
- 3: Inbox
- 4: Outbox
- 5: Filed Msg
- 6: Erase Msg
- 7: Msg Setup
 - 1: General
 - 1: Scroll Timer
 - 2: Msg Reminder
 - 3: Msg Volume
 - 4: Alert Tones
 - 2: New Message
 - 1: Callback #
 - 2: Save Message
 - 3: Entry Method
 - 4: Canned Msg

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Note: Callback# may not be provided in all areas. It differs from country to country.

During a Call + **SMS**

- 1: New Messages
- 2: Voice
- 3: Inbox
- 4: Outbox
- 5: Filed Msg
- 6: Erase Msg
 - 1: Voice
 - 2: Old Inbox
 - 3: New Inbox
 - 4: Outbox
 - 5: Filed
 - 6: All Messages

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

Dialled

Menu 1-1

Note: You can quickly access this menu by pressing  in standby mode.

The phone stores up to 10 outgoing calls you dialled. When you access this menu, the list of outgoing calls displays.

1. Press  or  to find the desired number, or name if saved in the Phonebook.
2. Press the **Select** soft key to select the highlighted number.
The dialled number, and name if stored in Phonebook, displays.

3. To	Press
place a call to the number	 .
use the menu options	the Options soft key. For details, see the next page.
return to standby mode	 .

When you press the **Options** soft key, the following options are available:

Call: dials the selected number.

Save: allows you to save the number in the Phonebook.

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

Received

Menu 1-2

This option lets you view the last 10 calls received, if you are subscribed to the caller ID service. Contact service provider for availability. When you access this menu, a list of the incoming calls displays.

For further information about scrolling through the list and accessing the call log, see “Dialled” on page 50.

Missed

Menu 1-3

If Caller Line Identification is available, 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 “Dialled” on page 50.

Erase Logs

Menu 1-4

You can erase the entries stored in each of the three call logs; **Dialled**, **Received** and **Missed** calls. You can also erase all of the call log entries at one time using the **All** option.

After selecting an option, press the **Erase** soft key. When a confirming message appears, select **Yes** and press the **OK** soft key.

Call Duration

Menu 1-5

Your phone records the amount of air time, or talk time, used. Using this option, you can view the number of the calls to or from your phone, and the air time for all calls. You can easily erase the air time record at any time.

Note: This feature is not intended to be used for billing purposes.

Last Call: shows the air time of the last outgoing call.

Total: shows the number of all calls made from your phone and the total duration of the calls since the air time counter was last 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 all of the time records and resets the air time counter.

Phone Book

The Phonebook 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 remembering or entering the phone number. You can store up to 300 numbers. Each entry can contain up to 32 digits including hard pauses, with an associated name of up to 12 characters. (Name entry is optional.)

Find Name

Menu 2-1

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

Note: You can quickly access this menu by pressing  in standby mode.

1. Press  or  to scroll to the desired name.

To find an entry with a name, enter the first letters of the name you want to find. The phone searches for the first entry starting with that character.

2. When the desired entry highlights, press the **Select** soft key to access the entry.

Note: All of the numbers assigned to an entry display, including numbers stored into different categories. Press  or  to find the number you want.

3. To	Press
place a call to the number	
use the menu options	the Options soft key. For details, see page 54.

When you press the **Options** soft key, the following options are available:

Call: dials the number.

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

Edit: allows you to edit the 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 specify a unique ring tone to alert you to an incoming call from the number.

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

Add Entry

Menu 2-2

This menu allows you to store a number with a name in your Phonebook. Each entry can contain up to 32 digits with an associated name and up to 7 numbers in a different category; Speed dial, Home, Mobile, Office, Pager, Fax and No label.

Creating a New Entry

1. Enter a phone number and press the **Save** soft key.
2. Press the **Select** soft key to accept **New Entry?**.

3. Highlight the option you want to customize by using  or . You can change the setting using  and .

The following options are available:

- **New Name:** Press the **Edit** soft key to enter the desired name. You can enter up to 12 characters. For further information on how to enter text, see page 37.
- **Entry:** The first available location displays. If necessary, scroll to the location number. You can also manually enter a number after pressing the **Edit** soft key.
- **Secret:** To set the number in secret mode, select **On**. This prevents a number from being displayed when it is accessed or dialled by unauthorized users. Only a person with your phone's lock code can view the secret number.
- **Speed dial:** Select the category of the number. The available categories are **Speed dial, Home, Mobile, Office, Pager, Fax** or **No label**.
- **Group:** Select one of the five predefined relation groups, where the entry is included. Grouping the entries enables you to search for a number in the desired group.
- **Inactive:** Select a unique ringer melody for the entry. By selecting a different tone for each entry, incoming voice calls having a caller ID can be distinguished from those that do not.

- If necessary, repeat Step 3 to customize other options.
- Press the **Save** soft key to save the entry.

After storing, the phone displays the Phonebook entry number that you saved and the remaining slots where you can further store phone numbers.

Storing Phone Numbers at the End of the Call

To store a phone number at the end of your call:

- After conversation, press  to end the call. The call time and the remote party's phone number display.
- To store the phone number, press the **Save** soft key.
- Follow from Step 2 in "Creating a New Entry" on page 54.

Find Entry

Menu 2-3

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

- Enter the location by pressing the numeric keys.
- When the entry you want highlights, press the **Select** soft key to view the details.

To	Press
place a call to the number	 .
use the menu options	the Options soft key. For details, see page 54.

Find Group

Menu 2-4

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

- Select the group containing the entry you want to find by pressing  or .

The phone displays the list of all entries in the selected group.

- Scan through the list using  and  to find the desired entry.

To	Press
place a call to the number	 .
use the menu options	the Options soft key. For details, see page 54.

Add email

Menu 2-5

This option allows you to store an e-mail address instead of a phone number.

1. Press the **Select** soft key to accept **New Entry?**.
2. Enter an e-mail address and press the **OK** soft key.

For further information about entering characters, see page 37.

3. Follow from Step 2 in "Creating a New Entry" on page 54.

Games

Menu 3

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

1. Press  or  to scroll a game and press the **Select** soft key.
2. When the game start screen displays, press the left soft key to start game.

If you press the right soft key, you can get help for playing the game. To start the game, press any key except for  or .

Note: For playing the game, you can use the following keys:

-  or  : moves up
-  or  : moves down
-  or  : moves to the left
-  or  : moves to the right

3. Press  to stop the game.

Sound

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

- volume and type for the call or alarm ringer
- bell or melody for call, alarm or schedule ringer
- alert sounds

Volume

Menu 4-1

This menu option allows you to adjust the sound volume for the following items:

Voice Vol: You can adjust the voice volume of the earpiece.

Note: During a call, you can adjust the voice volume using the volume keys on the left side of the phone.

Call Vol: You can adjust the ringer volume for incoming calls.

Alarm Vol: You can adjust the ringer volume for an alarm.

Key Vol: You can 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  or  to adjust the volume or select the type. The following options are available:

1 ~ 5 Level: Adjust the volume level. The graphic shows the volume level; the more bars, the louder the volume.

Vibrate: The phone switches to vibration mode. An incoming call or alarm vibrates the phone. This option is available for **Call Vol** and **Alarm Vol**.

Beep: The phone sounds a beep. This option is available for **Call Vol** and **Alarm Vol**.

Off: The phone does not sound. This option is not available for **Voice Vol**.

Ring Tones

Menu 4-2

This option allows you to set unique ring for calls, alarm and schedule. Select unique ring tone from 20 bells or 20 melodies for call. And select ring tone from 3 melodies for alarm and schedule.

Calls: You can select a ringer for incoming voice calls.

Alarm: You can select a ringer for an alarm.

Schedule: You can select a ringer for a schedule alarm.

Choose a unique ring tone from various bells and melodies. After you change it, it sounds for a few seconds.

Alerts Set

Menu 4-3

Your phone gives audible alerts (beeps) at a specified time to inform you that certain things have happened.

The available alerts are:

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

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

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

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

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

Display

The Display feature enables you to:

- set the length of time for the backlight.
- create your own greeting, and select an image to be displayed in standby mode.

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:

Always Off: The backlight is not used.

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

Always On: The backlight remains on while the phone is on.

Banner

MENU 5-2

This option allows you to set a banner message you want to display at the bottom of the display in standby mode.

To change the banner message:

1. If necessary, press  to delete each letter of the old message.

Press and hold  to clear the old message.

2. Enter your banner message using the alphanumeric keys. For further information about entering characters, refer to page 37.
3. When you finish entering the message, press the **Save** soft key to save the new banner.

Wallpaper

Menu 5-3

You can change the background image (wall paper) to be displayed in standby mode.

You can select an image from the **Puppy, Crocodile, Car Racing, River, Clock, Digital Clock,** and **Banner**.

Menu Style

Menu 5-4

This option allows you to select the menu display style. You can choose between **Horizontal** and **Vertical**.

LCD Contrast

Menu 5-5

This option allows you to see the LCD screen better in different lighting conditions.

By pressing  or , scroll through the contrast settings to make the screen darker or brighter. Each time you press the key, you can see the selected status of the LCD. Press the left soft key to save your setting.

Setup

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

Call Setup

Menu 6-1

Auto Redial

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 failed call; **Every 10 sec**, **Every 30 sec**, and **Every 60 sec**.

Select **Off** to deactivate this feature.

Answer Mode

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  and the volume keys.

By send key: The phone answers only when you press



Phone Setup

Menu 6-2

Key Guard

You can lock the keypad manually by pressing and holding  in standby mode. This key guard mode can prevent accidental key pressing.

In this menu, you can set your phone automatically lock the keys. If this menu option is set to **On** and you are in standby mode, your phone will automatically activate the key guard after the predefined time.

You can temporarily unlock you keypad by pressing  and holding . If you do not want to use the key guard feature, set this menu option to **Off**.

Note: When you have incoming calls in key guard mode, the key guard is automatically deactivated. After then, the phone returns to standby mode and automatically activates the key guard after the predefined time.

Tone Length

The tone length setting enables you to select **Normal** or **Long** DTMF (Dual-Tone Multi-Frequency) tones. When you use a teleservice, such as accessing 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 normal or long DTMF tones. If the service is digital, which most are these days, normal DTMF will almost always work. However, some new systems and almost older (analog) systems require you to use long DTMF tones. Many home answering machines may require long DTMF tones.

Set Time

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

To set the date and time:

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

The month, day, hour and minute must each be entered using 2 digits. The year requires all four digits. You need to enter the hour in 12-hour format.

You can move to each input field by pressing  or .

2. When you finish entering the time and date, press the **OK** soft key to save it.

Whisper Mode

This menu allows your phone to automatically increase the receiving sensitivity of the microphone to obtain the maximum quality of a call even when you speak in a soft voice so that the caller can hear you as if you are speaking normally.

Note: You should not use the ear-microphone while using this feature. Audio level may increase without notice depending on the surrounding conditions.

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

System Setup

Menu 6-3

Set NAM

NAM stands for numerical assignment module - essentially your telephone number. Your Samsung phone can store two NAMs. 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.

Note: When NAM is changed, call may not be available. If you want to change NAM, contact service provider for more information.

Version

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

Security

Your phone provides you with various security options, including a user-programmable lock code.

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

Lock Mode

Menu 7-1

In lock mode, you cannot dial number, except for making an emergency call. The phone can receive incoming calls and messages even though the phone is in lock mode.

The following options are available:

Never: The phone remains unlocked.

On Power Up: The phone is automatically locked the next time you turn the phone on.

Now: The phone is immediately locked.

To place an emergency call, enter a programmed number and then press . The phone recognises standard emergency numbers.

Note: Emergency numbers differ from country to country.

If you want to unlock your phone temporarily, press one of the navigation keys and two soft keys to display the User Lock screen, and then enter the lock code. When you turn the phone off and back on, it will lock again.

To unlock your phone completely, you need to access the **Lock Mode** menu option (**Menu 7-1**) and set it to **Never**.

Lock Code

Menu 7-2

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

Enter a new, four-digit lock code and enter the code once again at the prompt.

Note: Your phone does not allow viewing of the lock code for security reasons, so be sure to write the lock code down or memorize it if you have changed.

Emergency Number

Menu 7-3

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

Note: Emergency numbers differ from country to country.

IMPORTANT NOTICE!

Emergency calling may not be available on all wireless networks at all times. A connection cannot always be guaranteed, due to the various transmission methods, network parameters and user settings used to complete a call from your wireless phone.

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

To store an emergency number:

1. Press  or  to select the desired location and press the left soft key.
2. Enter the desired number and press the **Save** soft key 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, and then press .

Note: This feature may not be available in all areas. It differs from country to country.

Clear Phonebook

Menu 7-4

This menu allows you to erase all of the entries in your Phonebook.

When a confirming message displays, press the **OK** soft key to clear the memory.

Reset Phone

Menu 7-5

Resetting the phone restores the default settings of all of the user-selectable options and erases your Call Logs.

When a confirming message displays, press the **OK** soft key to reset the phone. The phone reboots, turning itself off and back on, and returns to standby mode.

Voice Privacy

Menu 7-6

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: The phone will make and receive calls on an encrypted high security line.

Standard: The phone will use a standard line for calls.

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

Organiser

The Organiser feature enables you to:

- keep track of important dates and events
- create a list of things to do
- check the current time in another part of the world
- use the phone as a calculator
- set an alarm to ring at a specified time

Note: To use the scheduler, you first need to set the current date and time. See page 68.

Scheduler

Menu 8-1

In this menu, you can keep track of your daily or monthly schedule.

Today

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 starts. Events scheduled for future dates automatically appear on your Today display for that particular day.

Scheduling an Event

1. Enter your event information. You can enter up to 32 characters. For more information about entering characters, see page 37.
2. Press the **OK** soft key to accept your entry.

3. Enter the start time and date using the numeric keys and press the **OK** soft key.

You can move to each input field by pressing  or  (or  or .

4. Enter the end time and date using the numeric keys and press the **OK** soft key.
5. Select when an alarm will inform you of your event by pressing  or .

If you select **No alarm**, the phone does not ring an alarm.

6. Press the **OK** soft key to save your event.

Viewing Today's Schedule

When you select the **Today** menu option (**Menu 8-1-1**), today's first event displays. Press  or  to select the event you want to view.

While viewing an event, press the **Options** soft key to use the following options:

Add new: allows you to add a new event.

Edit : allows you to edit the event.

Erase : allows you to erase the event.

Erase all : allows you to erase all of the scheduled events.

View Month

Note: You can quickly access this menu by pressing  in standby mode.

This menu option allows you to view the current month in calendar format as well as the past or future month. In the calendar, today's date highlights.

Selecting a Day on the Calendar

- You can move to the next or previous 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, use the volume keys on the left of the phone.

On the calendar, press the right soft key to use the following options:

View: allows you to view the schedule 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, referring to "Selecting a Day on the Calendar" above and press the left soft key. Schedule a new event by following the steps in "Scheduling an Event" under "Today" on page 74.

Viewing an Event

Days with scheduled events are underlined on the calendar when you access the **View Month** menu option (**Menu 8-1-2**). Select one of them and the first event of the day displays.

For further details about the options, refer to "Today" on page 74.

Jump To Date

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

Enter the date you want to access using the numeric keys and press the **OK** soft key.

To create, edit or erase the events, refer to "Today" on page 74.

To Do List

Menu 8-2

This feature allows you to enter up a list of tasks you need to do and assign both a priority and a deadline to them.

Creating the To Do Item

1. Enter a task and press the **OK** soft key. You can enter up to 32 characters. For further details about entering characters, see page 37.
2. Enter the time and date by which your task needs to be done using the numeric keys.

You can move to each input field by pressing  or .

3. Press the **OK** soft key.
4. Select high or low priority using  and  and then press the **OK** soft key to store the task.

Viewing a Task

The first task displays when you access the **To Do List** menu option (**Menu 8-2**). Scroll to the task you want to view by pressing  or .

While viewing a task, press the **Options** soft key to use the following options:

Add new: allows you to add a new task.

Edit: allows you to edit the task.

Erase: allows you to erase the task.

Erase all: allows you to erase all of the tasks.

Countdown

Menu 8-3

This menu helps you to know how much time it takes for you to do something, or how many months, days, hours and minutes until a specific event occurs. You can create up to 20 countdown timers using this feature.

Creating a Countdown Timer

1. Enter a name for your count down timer and press the **OK** soft key. For details about entering characters, see page 37.
2. Enter the time and date from which you want to count down.

You can move to each input field by pressing  or .

Note: You can enter between 1980 and 2099 for the year.

3. Press the **OK** soft key to save the timer.

Viewing a Countdown Timer

The first count down timers displays when you access the **Countdown** menu option (**Menu 8-3**). Scroll to the timer you want to view by pressing  or .

While viewing a timer, press the **Options** soft key to use the following options:

Add new: allows you to create a new timer.

Edit : allows you to edit the timer.

Erase : allows you to delete the timer.

Erase all : allows you to delete all of the timers.

World Time

Menu 8-4

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

Select the city corresponding to your time zone by pressing  or . The local date and time display.

Calculator

Menu 8-5

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. Select the operation for your calculation by pressing  or  until the required arithmetic symbol appears; **+** (add), **-** (subtract), **x** (multiply), **/** (divide).
3. Enter the second number.
4. To calculate the result, press the **Result** soft key.
5. Repeat steps 1 to 3 as many times as required.

Each time you change the operation, the previous calculation is performed and the result displays as the first number on the display.

Notes:

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

Alarm

Menu 8-6

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

To set an alarm:

1. When **Set** highlights, press the **Select** soft key.
2. Select the alarm frequency option by pressing  or  and press the **OK** soft key.
 - **Once**: the alarm rings only once and is then deactivated.
 - **Daily**: the alarm rings every day at the same time.
3. Enter the required time when an alarm rings using the numeric keys.

You can move to each input field by pressing  or .

4. Press the **OK** soft key to save the setting.

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

Note: If you let the alarm sound for the specified time or you press any button except for ,  or **Stop** soft key to stop it, the display shows " Snooze active". Then the alarm will go off again in 10 minutes. To deactivate the snoozing mode, press ,  or the **Stop** soft key.

To deactivate the alarm, access the the **Alarm** menu option (**Menu 8-6**) and select the **Release** option.

When a confirming message displays, press the **OK** soft key.

SMS (Short Message Service)

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

When the phone receives a message, an alert sounds, a text message displays with the name and phone number of the caller, if available. The New Message icon () remains on the screen until you read or listen to the new message.

If you receive an incoming message during a call conversation, your phone automatically decreases the alert. This is to avoid ringing in your ear while you are trying to converse.

You can enter the **Messages** menu by pressing the **SMS** soft key.

Message-related Icons

 **Duplicated message:** indicates that a duplicated message was sent.

 **Filed Message:** indicates that a message has been filed and failed.

 **Message sent:** displays when a message is sent.

 **Message read:** displays when you have read a message.

 **Message received:** indicates that a text, voicemail, page message has been received.

 **Multiple messages:** displays if multiple messages are successfully delivered.

 **Message delivered:** displays if a sent message is delivered.

Note: Message delivered may not be provided in all areas. It differs from country to country.

New Messages

SMS-1

You can create and send short text messages.

Note: Sending a message is only supported when your phone is in digital networks and if your network supports this service.

1. Enter the destination number using the number keypad and press the **OK** soft key.

To recall a number from your Phonebook, press the **Options** soft key and select **Phonebook**.

2. Enter the message contents. For further details about entering characters, see page 37.

Note: The maximum number of characters that you can enter differs from country to country.

You can use 10 message text stored in the phone. Press the **Options** soft key and select **Canned**. Select one from the list, and it is inserted in your message.

3. When you finish entering message, press the **OK** soft key.

4. If you want to change the following options before sending the message, select one by pressing  or  and press the **Edit** or **OK** soft key.

- **Send to:** allows you to change the phone number you entered or selected. You can add up to 10 numbers.
- **Msg:** allows you to change your message contents already entered.
- **Callback#:** allows you to change your callback number.

Note: This function maybe not available from country to country.

- **Options:** allows you to change the following message options. Use  or .

- Priority: Message priority (Normal/ Urgent)

- Message: The message saving option to allow you to set whether or not the phone will save the message after sending. (Do not save/Prompt save/Auto save)

Note: Some options may be not available depending on your network.

- **Save:** Allows you to save the message in the Filed Message box.
- **Send SMS:** Press **Send** key or **OK** soft key, allows you to send SMS message

5. After changing or entering information, press the **Save** soft key.

6. If necessary, repeat steps 4 and 5.

7. Press  to send your message.

Voice

SMS-2

When a new voice message come in, a text notification display. Press the **Options** soft key and select **connect** to access your voicemail centre and listen to it or select **delete** to delete it.

Notes:

- You can quickly access your voicemail centre by pressing and holding the **SMS** soft key in standby mode.
- A new voice message may be stored in **Inbox** depending on your service provider.

While you enter the **Voice** menu option (**SMS-2**), the phone displays how many messages are stored in your voicemail box.

Inbox

SMS-3

Your phone can store up to 54 numeric pages and text messages all together in the inbox, outbox and filed message. When your memory is full, the phone automatically rejects any new messages. After a few minutes, the message center retries sending them to your phone.

Note: Resending would not be available according to the network condition.

To receive new message, you need to delete obsolete ones from the memory.

Press  or  to scroll to a message in the list and press the **Select** soft key. The phone displays the message contents. If necessary, press  or  to scan through the contents.

While viewing a message, press the **Options** soft key to access the following options:

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

Forward: allows you to send the message to another person.

Delete: deletes the message.

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

Note: The maximum number of characters that you can enter differs from country to country.

Extracting Numbers from a Message

If there are numbers in the message contents, you can make a call to one of them or save them in your phonebook.

1. Press  and the list of the numbers displays.
2. Press  or  to select a number.
3. Press  or the **Send** soft key to make a call or the **Save** soft key to save the number.

Outbox

SMS-4

Your phone can store up to 54 numeric pages and text messages all together in the inbox, outbox and filed message.

Press  or  to scroll to a message in the list and press the **Select** soft key. The phone displays the message contents. If necessary, press  or  to scan through the contents.

While reviewing a message, press the **Options** soft key to access the following options:

Re-send: allows you to resend the message. For further information about sending a message, see page 85.

Delete: deletes the selected message.

Note: The maximum number of characters that you can enter differs from country to country.

Filed Messages

SMS-5

Your phone can store draft messages that are yet to be sent in the Filed Message box. You can access this box at any time you want so that you can edit and send the message.

To save unsent message to the Filed Message box:

1. Follow the procedures for writing a new message.
2. When you finish entering a message and setting the options, select the **Save** option and press the **OK** soft key.

When you enter the **Filed Msg** menu option (**SMS-5**), the list of the filed messages displays. Press  or  to scroll to a message in the list and press the **Select** soft key.

While reviewing a message, press the **Options** soft key to access the following options:

Edit: allows you to change the selected message and send it.

Delete: delete the selected message.

Erase Messages

SMS-6

Using this menu option, you can erase all of the messages in each of five message boxes; **Voice** mail box, **Old Inbox**, **New Inbox**, **Outbox** and **Filed** message box. You can also erase all of the messages at one time by selecting **All Messages**.

When a confirming message appears, press the **OK** soft key.

Message Setup

SMS-7

Using this menu, you can set up various options for sending or receiving messages.

General

You can set up the following options for incoming messages:

Scroll Timer: If an incoming message is too long for the display, the phone displays it by scrolling the screen automatically. You can set whether the screen scrolls automatically or not.

- **1-5 seconds:** set how often the phone scrolls to the next screen.

- **Off:** Your phone does not scroll. you need to scroll to the next screen manually using  and .

Msg. Reminder: When a new message is received, your phone alerts you by sounding the selected ringer. You can set how often this will happen.

- **Off:** The phone alerts you only one time when the message comes in.

- **Once:** The phone alerts you when the message comes in and alerts you again after 2 minutes.

- **Every 2 min:** The phone alerts every 2 minutes until you read the message.

Message Volume: You can set the volume level for the message ringer using  and .

Alert Tones: You can to select a alert type for **Voice Mail, Page** and **SMS** messages.

New Message

You can set up the default settings of the following options for creating new messages:

Callback#: allows you to set the call back number. It is preset to your phone number at the factory.

Save Message: allows you to select whether or not you want to save outgoing messages in the Outbox.

- **Do not save:** does not save the message.
- **Prompt Save:** asks if you want to save the message or not.
- **Auto Save:** saves the message automatically

Entry Method: allows you to change the default text input mode between **T9 Word** and **Alphabet**(ABC).

Canned Msg.: allows you to change the 10 canned messages.

Note: Callback# may not be provided in all areas. It differs from country to country.

Health and Safety Information

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 time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime 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 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-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road Safety

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

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

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an extra layer of convenience and safety to your wireless phone with one of the many hands-free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a To Do list or flipping through your phonebook takes your attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make the people with whom you are talking aware that you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial the emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see a car accident, crime in progress or other serious emergency where lives are in danger, call the emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or any other special non-emergency wireless number.

Operating Environment

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

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

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

Electronic Devices

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

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on
- should not carry the phone in a breast pocket
- should use the ear opposite the pacemaker to minimize potential interference

If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids

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

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

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

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

Posted Facilities

Switch off your phone in any facility where posted notices require you to do so.

Potentially Explosive Atmospheres

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

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

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

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless 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 signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

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

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

Other Important Safety Information

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

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to 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 contain minerals that will corrode electronic circuits.
- Do not touch the phone with a wet hand while it is charging. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts 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 operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Glossary

Air time: 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 conversation 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 Multi-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).

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.

Soft keys: Two keys marked  and  on the phone, the purpose of which:

- varies according to the function that you are currently using.
- is indicated on the bottom line of the display just above the corresponding key.

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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BASIC OPERATION

Make a call	Phone number +
End a call	
Receive a call	
Adjust the key beep volume	(in standby mode) ▲ / ▼ on the left side
Adjust the speaker volume	(during a call) ▲ / ▼ on the left side
Redial the last call	twice
Switch to vibrate mode	Press and hold #
Activate key guard	Press and hold *
Deactivate	Press CLR and hold *

INTERNAL PHONE BOOK

Store a new	Phone number + Save + Select + + Edit + name + OK + + * or # (entry) + + * or # (secret) + + * or # (category) + + * or # (Group) + + * or # (ring tones) + Save
Speed dial	<u>One Touch (001-099)</u> : Hold down the <i>third digit</i> . <u>Two-Touch (010-099)</u> : Press the <i>second digit</i> briefly, and hold down the <i>third digit</i> . <u>Three-Touch (100-300)</u> : Press the <i>first and the second digit</i> briefly, and hold down the <i>third digit</i> .
Scan memories	+ name (Or " /) + Select or

Main Menu (To access, press *Menu*)

- 1 : Calls
 - 1 : Dialed
 - 2 : Received
 - 3 : Missed
 - 4 : Erase Logs
 - 5 : Call Duration
- 2 : Phone Book
 - 1 : Find Name
 - 2 : Add Entry
 - 3 : Find Entry
 - 4 : Find Group
 - 5 : Add E-mail
- 3 : Games
 - 1 : Flying Light
 - 2 : Run for Money
 - 3 : Racing
- 4 : Sound
 - 1 : Volume
 - 2 : Ring Tones
 - 3 : Alerts Set
- 5 : Display
 - 1 : Backlight
 - 2 : Banner
 - 3 : Wallpaper
 - 4 : Menu Style
 - 5 : LCD Contrast
- 6 : Setup
 - 1 : Call Setup
 - 2 : Phone Setup
 - 3 : System Setup
- 7 : Security
 - 1 : Lock Mode
 - 2 : Lock Code
 - 3 : Emergency No.
 - 4 : Clear Ph Book
 - 5 : Reset Phone
 - 6 : Voice Privacy
- 8 : Organiser
 - 1 : Scheduler
 - 2 : To Do List
 - 3 : Countdown
 - 4 : World Time
 - 5 : Calculator
 - 6 : Alarm

SMS

- 1 : New Messages
- 2 : Voice
- 3 : Inbox
- 4 : Outbox
- 5 : Filed Msg
- 6 : Erase Msg
- 7 : Msg Setup

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