

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

**SAMSUNG**

**PORTABLE CELLULAR  
TELEPHONE  
SCH-A562  
User's Manual**

**SAMSUNG**

**ELECTRONICS**

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

Printed in Korea  
Code No. : GH68-xxxxxA  
English. 01/2003. Rev.1.0



## FCC RF EXPOSURE INFORMATION

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

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

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

### Body-worn Operation

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

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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 110.

### 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).

### 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



### Handstrap



### Desktop Charger



### Battery



### Wearable Ear-microphone



### User's Manual



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

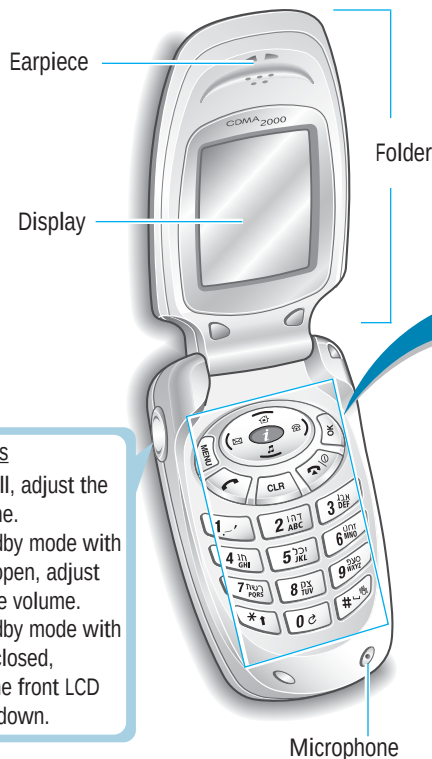
- Slim and Standard Li-Ion batteries
- Wearable Ear-microphone
- Travel charger
- Cigarette lighter charger
- Car cradle
- Hands-free car kit
- Data cable
- Holster

# Your Phone

## Phone Layout

The following illustration shows the main elements of your phone.

### With the phone open



#### Volume keys

During a call, adjust the voice volume.

In the standby mode with the phone open, adjust the key tone volume.

In the standby mode with the phone closed, backlight the front LCD when held down.

### With the phone closed



### Key Functions



Enters the main menu mode.



In the menu mode, selects a menu function or stores information that you have entered.

In the standby mode, enters the **Internet/MSG** menu.



In the menu mode, scrolls through the menu options.

In the standby mode, enters the **My Phone** menu and enters the **Music Box** menu. allows you to write a new message and to search a number in your phonebook by a name.



In the standby mode, quickly launches the GoNext browser to allow you to use the Internet.

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



Makes or answers a call.

In the standby mode, recalls the last numbers you dialed or received, and dials the last number when held down.



Ends a call. Also switches the phone on and off when held down.

In the menu mode, cancels your input and returns to the standby mode.



Deletes characters from the display.

In the menu mode, returns to the previous menu level.



Enters numbers, letters and some special characters.



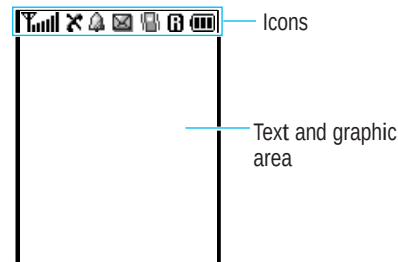
Use these keys for various functions.



In the standby mode, the # key quickly enters or exits the silent mode when held down.

## Display

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



## Icons



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



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



**No Service**: Appears when you are outside a service area. When it displays, you cannot make or receive calls. Wait a little while for a better signal or move into an open area to regain service.



**Alarm**: Appears when you set an alarm to ring at a specified time.

## Icons *(continued...)*



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



**Vibration mode:** Appears when you set the phone to vibrate at an incoming call via the **Alert Type** menu option (**MENU 6-2**) or when the phone is in the silent mode.



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



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

## External LCD

Your phone has an external LCD on the folder. When the phone is closed, it indicates when you have an incoming call or message. It also alerts you when you have set an alarm at the specified time by flashing its backlight and showing the corresponding icon.

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

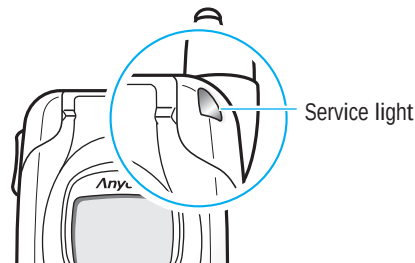
## Backlight

The display and keypad are 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 upon the **Backlight Time** option set in the **LCD** menu option. The backlight remains on at all times when the phone is connected to an optional hands-free car kit.

To specify the length of time the phone waits before the backlight turns off, set the **Backlight Time** menu option (**MENU 7-3-1**); see page 102 for further information.

## Service light

The service light is on the top right-hand corner of the phone. It flashes to indicate an incoming call or message. Also, the service light flashes for a few seconds when you turn the phone on.



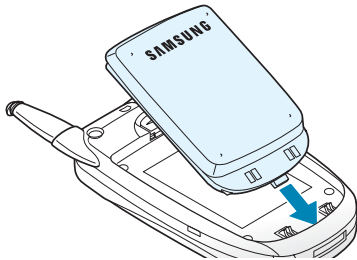
# Getting Started

## Using a Battery

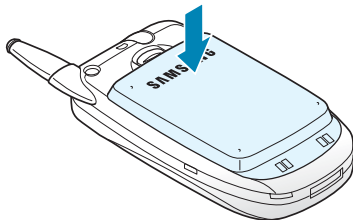
Your phone is powered by a rechargeable Li-ion battery. It comes packaged with a partially charged, rechargeable standard Li-ion battery, and must be fully charged the first time you use your phone otherwise the battery could be damaged.

## Installing the Battery

1. Place the battery so that the tabs on it match the slots at the bottom of the phone.

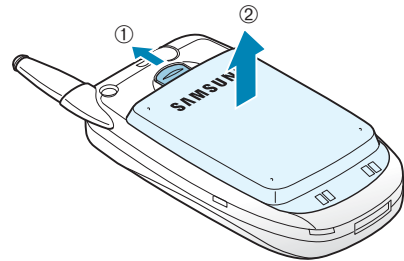


2. Press the battery down until it snaps into place. Make sure that the battery is correctly installed before switching on the power.



## Removing the battery

1. If necessary, switch off the phone by holding down  until the power-off animation is displayed.
2. Remove the battery. To do so:
  - ① Pull and hold the catch above the battery on the back of the phone.
  - ② Lift the battery and take it out of the phone.



## Charging the Battery

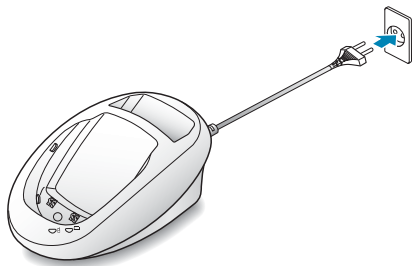
A desktop charger is provided with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

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

The phone can be used while the battery is charging, but this increases time it will take to charge your battery. To get the quickest charge for any battery, turn the phone off.

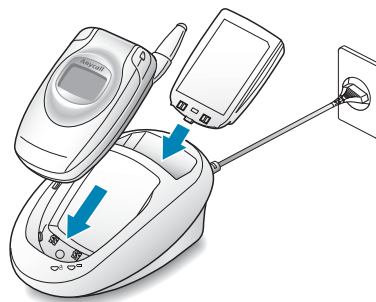
To charge the battery using the desktop charger:

1. Plug the power cord of the desktop charger into a standard AC outlet. When the power is connected properly, the LEDs on the charger flicker briefly and then turn off.



2. Place the battery into the compartment of the charger. Select one of the following two options:

- Place the phone with the battery attached into the front compartment. The left LED on the charger glows red.
- Insert a battery alone, not attached to the phone, into the rear compartment. The right LED on the charger glows red.



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

- Red: the battery is charging
- Green: the battery is fully charged

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

## Low Battery Indicator

When the battery charge level gets low, the battery sensor blinks an empty Battery Status icon ( ) at the top right corner of the display and sounds a warning tone.

When the battery level gets too low, the phone will automatically turn off. Unfortunately, if this happens, you'll lose whatever you are doing and your phone call will cut off. Watch the Battery Status icon and make sure your battery is adequately charged.

## Switching the Phone On/Off

1. Open the folder.
2. Hold down  for more than one second to switch the phone on.
3. If the phone asks for a PIN code, enter the PIN code supplied by the service provider. For further information about the PIN code, see page 108.

The service light on the top right-hand corner of the phone flashes and an alert sounds. When your phone locates services, you can see the following idle screens on both the main and the external display:



If the phone is out of service, the No Service icon ( ) appears on the display. In this case, you cannot place and receive calls. Try again later when service is available.

**Note:** You can change the display language via the **Language** menu option in the **My Phone** menu; see page 49 for further information.

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

**WARNING!**

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

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

## Your Phone's Mode

---

### Standby Mode

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

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

### Talk Mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in the talk mode. In this mode, pressing  gives you a list of options. See page 35 for details on the options.

### Power Save Mode

Your phone comes with a Power Save feature that will be automatically activated if your phone is unable to find a signal after 10 minutes of searching. In this mode, 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 the power save mode.

### Lock Mode

When you lock your phone using the **Lock Phone** menu option (**MENU 7-5**) in the **Setup** menu, you cannot use the phone. In the lock mode, you can receive messages and calls, but you cannot place an outgoing call until you unlock the phone. To unlock the phone temporarily, enter the password.

For details about locking and unlocking your phone, see page 103.

# Call Functions

## Making a Call

To make a call:

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

While entering a phone number, press  to insert a hard pause. For more information about pause dialing, see page 31.

- Press . The phone places the call to the entered phone number.

**Note:** You can press and hold the number key corresponding to the last digit of the phone number to begin dialing.

## Correcting the Number

| To clear                 | Press                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------|
| the last digit displayed |  .                          |
| the whole display        |  for more than one second. |

## Ending a Call

When you want to end your call, press .

The call time, or the length of the call, displays with the dialed number. If the number is stored in your phonebook, the name is displayed. If there is no match, you can press  to save the number to the phonebook. For further information about saving a number, see page 26.

Or just close the folder to end a call.

## Redialing the Last Number

To redial the last number you dialed or received, press and hold .

The phone stores the records of the last 60 calls made to or from your phone so that you can search for the desired number at any time. To recall any of these numbers:

- If there are any characters on the display, press  to return to the standby mode.
- Press . The list of the last calls are displayed;  stands for a dialed call,  for a received call and  for a missed call.
- Press  or  to scan through the list until you find the required name or number.
- Press  to dial the displayed number.

If you press , the phone displays details of the call, such as the caller's name (if available), date and time when the call was made, and the length of the call time. Press  and  to save the number in your phonebook. For more information about saving a number, see below.

## Making a Call from the Phonebook

You can store the phone numbers called regularly in phone memory, which is called phonebook. You then simply recall the number to dial. For further information about the phonebook feature, refer to page 58.

### Saving a Number with a Name in the Phonebook

1. Press  after ending a call or entering the phone number you want to save by using the number keypad.
2. Select the desired label for the number by pressing the navigation keys and press .

Five labels are available:  (**Home**),  (**Mobile**),  (**Work**),  (**No Category**) and  (**FAX**).

3. Enter a name of up to 16 characters.

For further information about entering characters, see page 27.

4. Press  to move through the fields and fill in each field as needed.

- **Home/Mobile/Work/No Category/FAX:** Add a number in the Phone Number field. You can enter a speed dial number from 001 to 999 in the box at the right side of the label. Note that speed dialing is not available for the fax numbers.
- **E-mail:** You can enter an e-mail address.
- **No Group:** Select the desired caller group by pressing  or . The ring melody for the group also appears.
- **Memo:** Enter a memo to remind you of the person.

5. When you finish entering, press  to save the entry.

6. Select **Yes** by pressing  or  to confirm your input, and press .

### Entering Text

When you are asked to enter characters, the available text input modes appear at the bottom of the display.

- |                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| 1. <b>To select</b> | <b>Press  until</b> |
| Hebrew only         |  is highlighted.  |
| Upper case English  |  is highlighted.  |
| Lower case English  |  is highlighted.  |
| Symbols only        |  is highlighted.  |

2. Press the key labeled with the required letter:
  - Once for the first letter
  - Twice for the second letter
  - And so on
- To enter a number, press and hold the corresponding key.
- Press  to move the cursor to the right.
- Press  to clear the characters to the left one by one. Pressing and holding the key clears out the display.
- You can move the cursor to the desired position by pressing  or . Then add the desired characters using the alphanumeric keys or put a space between each word by pressing .
- If you select the symbol mode, the available symbols are displayed. Highlight the desired one by pressing  or  and then press . To display more symbol sets, press  or .

## Finding a Number from the Phonebook

1. Press  in the standby mode and press . The list of all the names in the phonebook displays.
2. Press  or  to scroll to the desired name.
3. Press  or  to find the desired number.
4. Press  to place a call to the selected number.

Press  to view the details about the selected name.

5. When you view the details about the selected name, press  to display the following options:

- **Edit:** allows you to edit the name entry.
- **Delete:** deletes the selected item.

While scrolling through the phonebook list, you can access the following options by pressing :

**Edit:** allows you to edit the selected name entry.

**Delete Name:** deletes the selected name entry.

**New:** allows you to create a new name entry.

You can find a number using specific information, such as the location number, name, number, or group. For detailed information, see page 56.

## Speed Dialing

Once you have stored phone numbers with a speed dial number, you can dial them easily with a few presses of the keys.

**One-Touch Dial:** Memory locations 001 through 009 are special one-touch locations. You can dial the phone numbers stored in those locations simply by pressing one key.

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

For example: Location no. 009

Press  and hold.

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

**Two-Touch Dial:** Memory locations 010 through 099 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  briefly and hold down .

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

**Three-Touch Dial:** Memory locations 100 through 999 are special three-touch locations.

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

For example: Location no. 123

Press  and  briefly, and then hold down .

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

## Four-digit Dialing

You can enter the last four consecutive digits of a phone number in the phonebook or Call logs and your phone can dial the entire number for you. This feature is convenient if you have the number memorized, but you have forgotten where the number is stored in your phonebook.

Enter the last four digits of the desired phone number. The phone automatically dials the phone number matching the four digits.

If there is more than one phone number that contains those four digits in your phonebook or Call logs, the first available number is displayed. Scroll through the numbers using the navigation keys to display the desired one. Press  to dial the number.

## Pause Dialing

When you call an 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 phonebook, separated by special characters which are called pauses.

## Storing Pauses in a Phonebook Entry

To store a number in your phonebook that contains pauses:

1. Enter the phone number you want to store, such as the bank's teleservice phone number.
2. Press . A "p" displays, indicating a hard pause.
3. Enter the digits that need to follow the pause, such as your account number.
4. Repeat steps 2 and 3 to add more pauses and numbers, if necessary.
5. Store the number in your phonebook as you normally would by pressing  and following from step 2 on page 26.

## Pause Dialing from a Stored Phonebook Entry

1. Dial the number of the service from the phonebook.
2. Wait for the appropriate prompt from the system you are calling.
3. When prompted, press  to send the DTMF (Dual Tone Multi Frequency) number that follows your hard pause.

"SENDING DTMF" flashes on the display and the transmitted tone sounds.

4. Repeat step 2, if necessary.

## Manual Pause Dialing

You can enter pauses manually during the dialing process.

1. Enter the phone number of the service you want to call, such as a bank's teleservice phone number.
2. Press  to enter a hard pause. The phone displays a "p" indicating a hard pause.
3. Enter the number to be sent after the pause and then press  to dial the first number.
4. After connecting, press  again at the prompt to transmit the additional number.

## Manual Pause Dialing from a Stored Phonebook Entry

If you have saved numbers, such as your account number or password, you can send the number from the phonebook during a call.

1. Enter the phone number of the service you want to call and press .
2. When prompted, press  for the phonebook menu, and press  .
3. Enter the speed-dial number (001 through 999) of the stored number and press .
4. Press  to confirm the selected number.

5. Press  for menu options and press  for **Send DTMF**.

"SENDING DTMF" flashes on the display and the transmitted tone sounds.

## 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  to increase the volume level and  to decrease the level. The graphic on the display shows four levels; the more bars you see, the higher the level.



## Answering a Call

When somebody calls you, the phone alerts you by ringing and blinking the service light.

If the caller can be identified, the caller's phone number (or name, if stored in your phonebook), appears at the bottom of the display.

1. If necessary, open the folder. Press  to answer a call.
2. End the call by closing the folder or pressing .

### Notes:

- You can answer a call while using the phonebook or menu features. The current operation will be interrupted.
- To reject a call, press and hold one of the volume keys on the left side of the phone.

## Options During a Call

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

Press  during a call to access the following options:

**Phonebook:** allows you to use the **Phonebook** menu. See page 55 for further information.

**Messages:** allows you to use the **Messages** menu. See page 78 for further information.

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

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

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

**Send Own Number:** sends DTMF tones of your phone number.

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

## Switching to Whisper mode

The whisper mode automatically increases the microphone gain levels to allow the other party to hear your voice even though you may be whispering.

To switch to the whisper mode, press and hold  during a call.

**Note:** In normal environments, this feature may cause your voice to be too loud.

## Quickly Switching to Silent Mode

The silent 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 the silent mode with one touch of a key.

In the standby mode, to enter the silent mode, press and hold  until "Activating Silent Mode" and the Vibration icon () are displayed.

To exit the silent mode and reactivate the previous sound settings, press and hold  again until "Deactivating Silent Mode" appears. The Vibration icon is no longer displayed.

## Viewing Missed Calls

If you fail to answer a call for any reason, the phone indicates a missed call by displaying a text notification on the screen. Additionally, if the caller information is available, a Missed entry is created, and the screen displays the phone number of the most recent missed call.

When the display informs you of the call you missed, press  to call the displayed number or  to clear the message and return to Standby mode.

To view missed calls, access the **Incoming** menu option (**MENU 1-2**). Missed calls are indicated by the  icon.

## Call Forwarding

---

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

## Call Waiting

---

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

When a waiting call is detected, the incoming call alert sounds, depending on the network, and a text notification displays.

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 the two parties.

## Three-Way Calling

---

This feature enables you to conduct conference calls with two separate parties at the same time. The phone records only the first party into the Outgoing Calls Log. But, you are billed airtime for each of the outgoing calls separately. Contact your service provider to activate Three-Way Calling.

During a three-way call, if one of the callers hangs up, you and the remaining caller will stay connected. If you initiated the call and you hang up first, all three parties are disconnected.

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

# Using the Menu

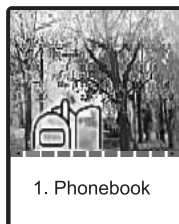
This phone offers a range of functions that allows you to tailor the phone to your needs. These functions are arranged in menus and submenus.

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

## Accessing Menu Modes

There are two ways to access menu mode:

In the standby mode, press  to enter the main menu mode.



OR, press  in the standby mode to enter the start menu mode.



Unregistered menu

You can configure the start menu comprised of your favorite menu function by registering new menus and changing the menu order or icon via the **My Phone** menu. Note that you can access the menu only from the start menu mode.

For further details about configuring the start menu, see page 48.

## Accessing a Menu Function by Scrolling

1. In the standby mode, press  or  to access the menu mode.
  2. Scroll with the navigation keys to reach the desired menu, for example, **Sounds**. Press  to enter the menu.
  3. Find the menu option you want, for example, **Connect Tone**, by scrolling with  or . Press  to enter the menu option.
- If the menu you have selected contains submenus, repeat this step.
4. Scroll with the navigation keys to find the setting of your choice.
  5. Press  to confirm the selection.

### Notes:

- To return to the previous menu level, press .
- You can exit the menu without changing the menu settings by pressing .

With a menu highlighted from the start menu mode, you can see a blinking box, meaning that there are some options available, at the bottom left of the display.

**Note:** The options are unavailable for the **My Phone** menu.

Press , and the following options are available:

**Change Icon:** allows you to change the menu icon. For further information, see page 51.

**Delete Menu:** deletes the menu from the start menu.

**Change Order:** allows you to change the menu order. For further information, see page 50.

## Accessing a Menu Function by Using Its Shortcut

The main menu items (menu, 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 in the list on page 44.

1. In the standby mode, press  to access menu mode.

Within three seconds, enter the first digit of the shortcut number. Repeat this for each digit of the shortcut number.

Example: Adjusting the contrast of the external LCD

Press ,  and .

**7** for **Setup**, **3** for **LCD**, and **3** for **External LCD**

2. Find the setting of your choice by using the navigation keys.
3. Press  to confirm the selection.

## List of Menu Functions

The list shows the menu structure available and indicates the number assigned to each option.

### My Phone

Page 49

- 1: Personal Menu
  - 1: Select Menu
  - 2: Set Order
  - 3: Delete Menu
  - 4: Reset Menu
  - 5: Change Icon
  - 6: Change Color
  - 7: Change Theme
  - 8: Icon List
- 2: Animation
  - 1: Standby Mode
  - 2: Incoming Call
  - 3: GoNext Connection
  - 4: Power On
  - 5: Power Off
  - 6: Delete Image
- 3: Sliding Text
- 4: External Clock
- 5: Dialing Digits
- 6: Language
- 7: Administrator

### 1: Phonebook

Page 55

- 1-1: Outgoing
- 1-2: Incoming
- 1-3: Find Number
  - 1-3-1: By Name
  - 1-3-2: By Number
  - 1-3-3: By Group
  - 1-3-4: By Location
  - 1-3-5: By Time
  - 1-3-6: Last Search
- 1-4: Add Entry
- 1-5: Name Ringer
  - 1-5-1: Set Number
  - 1-5-2: Edit Number
  - 1-5-3: Icon List
- 1-6: Group Editing
- 1-7: Erase All
- 1-#: My Phone Number

### 2: Organizer

Page 66

- 2-1: Calendar
- 2-2: Memo Pad
- 2-3: Alarm
- 2-4: Weekday Alarm
- 2-5: Calculator
- 2-6: Unit Conversion
  - 2-6-1: Length
  - 2-6-2: Weight
  - 2-6-3: Volume
  - 2-6-4: Area
  - 2-6-5: Temperature
- 2-7: World Time

### 3: Internet/MSG

Page 74

- 3-1: GoNext
  - 3-1-1: Connect GoNext
  - 3-1-2: Connect Wizard
  - 3-1-3: Wizard Box
  - 3-1-4: Multimedia
  - 3-1-5: Write E-mail
- 3-2: Messages
  - 3-2-1: Inbox
  - 3-2-2: Outbox
  - 3-2-3: Message Box
- 3-3: E-mail
  - 3-3-1: Read
  - 3-3-2: Write
  - 3-3-3: E-mail Outbox
  - 3-3-4: Reserved E-mail
  - 3-3-5: Set Configuration
- 3-4: Modem Setup
  - 5-3-1: Modem Alert
  - 5-3-2: Auto Receive
  - 5-3-3: Port Speed
- 3-5: Internet Setup
  - 3-5-1: Initial URL
  - 3-5-2: Gateway
  - 3-5-3: NATE E-mail
  - 3-5-4: Primary DNS
  - 3-5-5: Secondary DNS
  - 3-5-6: Screen Color
  - 3-5-7: Reset

### 4: Games

Page 94

- 4-1: Push Push
- 4-2: Couple Bowling
- 4-3: Rascal Othello
- 4-4: Snow Gogo

### 5: Music Box

Page 96

- 5-1: Sound Effects
- 5-2: Melodies
- 5-3: My Melody

### 6: Sounds

Page 98

- 6-1: Ring Volume
- 6-2: Alert Type
- 6-3: Message Tone
  - 6-3-1: Alert Tone
  - 6-3-2: Alert Interval
- 6-4: Connect Tone
- 6-5: Disconnect Tone

## 7: Setup

Page 101

- 7-1: Lock Code
- 7-2: Answer Mode
- 7-3: LCD
  - 7-3-1: Backlight Time
  - 7-3-2: Set Backlight
  - 7-3-2: External LCD
- 7-4: Auto Hyphen
- 7-5: Lock Phone
- 7-6: Time Manager
  - 7-6-1: Air Time
  - 7-6-2: Set Time
- 7-\* : Reset
- 7-0: Security
  - 7-0-1: Call Restriction
  - 7-0-2: Send ID
  - 7-0-3: Send PIN
  - 7-0-4: Emergency #
  - 7-0-5: NAM

## My Phone

You can use the **My Phone** menu to determine the various settings for the start menu or the display components.

Note that this menu can be accessed only when you press .

## Personal Menu

OK-1

This menu option allows you to set up the start menu, which is displayed when you press , to suit your preference.

## Select Menu

You can register up to 12 menu options onto the start menu.

1. Select the desired menu by pressing  and , followed by .
2. Find the desired submenu by repeating Step 1, if necessary, and press  to register.
3. Select the desired menu address by pressing the navigation keys, followed by .

The addresses already occupied are marked in gray box. If you select one of them, the message appears to confirm that you want to change it. Select **Yes** to confirm, or **No** to cancel and select a new address.

4. Select the desired icon from the list by pressing the navigation keys and press .

The menu option is added to the start menu.

## Set Order

This menu option allows you to change the order of the menus.

1. Select the menu you want to move by pressing  or .
2. Press  and move it by pressing  or .
3. Press  to fix the menu.
4. Press  to save the change.

## Delete Menu

You can delete the registered menus from the start menu.

Select the menu that you want to delete and press .

## Reset Menu

This menu option resets the start menu to its default status.

When a confirming message appears, select **Yes** to reset. Select **No** to cancel your selection.

## Change Icon

Using this menu option, you can change the icons for the menus already registered on the start menu.

1. Select the menu of which you want to change the icon by pressing  or .
2. Select an icon from the list using the navigation keys and press .

## Change Color

Using this menu option, you can change the colors for the items on the display.

1. Select an item of which you want to change the color by pressing  or .
2. Select a color by pressing  or . If you want to adjust the depth of the selected color, press .
3. Press  to save the setting.

## Change Theme

Using this menu option, you can select the predefined theme colors for the menus. If you select **User Defined**, the phone displays the colors you set in the **Change Color** option.

## Icon List

You can view the icons available. Use the navigation keys to scroll through the icon list.

## Animation

 OK-2

You can set the various animated images to be displayed on the background of the display in some situations.

The following options are available:

**Standby Mode:** allows you to select an image to be displayed on the idle screen.

**Incoming Call:** allows you to select an image to alert you when a call comes in.

**GoNext Connection:** allows you to select an image to be displayed when you launch the GoNext browser.

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

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

**Delete Image:** allows you to delete the images downloaded from the wireless web via the GoNext browser.

## Sliding Text

 OK-3

You can set the phone to display some text. The text will slide at the top of the idle screen.

1. Select **On** to turn the feature on.

If you want to turn the feature off, select **Off**.

2. Press .

3. If there is any text already entered, press  to clear it. Enter the desired text of up to 32 characters.

For further information about entering characters, see page 27.

4. Press  to save your input.

## External Clock

 OK-4

You can change the type of the clock to be displayed on the external LCD in the standby mode.

Select the desired clock from **Digital Clock** and **Analog Clock**.

## Dialing Digits

 OK-5

This menu option allows you to change the size of the number to be displayed when you enter a phone number to dial.

Select the desired size from **Big** and **Small**.

## Language

 OK-6

You can change the display language.

You may select a language from **English** and **Hebrew**.

## Administrator

 OK-7

You can see how many items downloaded from the Internet are currently stored in your phone's memory and delete them.

To delete items:

1. Press the navigation keys to scroll to an item you want to delete.
2. When an item highlights, press .
3. Select **Delete** or **Delete All**, and press .
4. When a confirming message appears, select **Yes** and press .

## Phonebook

The phonebook allows you to:

- Store up to 999 name, each having up to 5 different numbers and use them easily.
- View records of the calls you made or received.
- Specify the phone to alert you in a distinctive way when you receive a call from individual or a group number stored in your phonebook.
- View your phone number.

## Outgoing

MENU 1-1

Via this menu option, you can view the records of up to 30 of the last phone calls placed from your phone.

Press  after selecting the desired number, and the number or name, if saved in your phonebook, is displayed together with the date and time when the call was made. Pressing  allows you to save the selected number into the phonebook.

Press  to make a call to the selected number.

Press  to use the following options:

**Save:** allows you to save the number in your phonebook.

**Delete:** deletes the selected call record.

**Delete All:** deletes all call records.

## Incoming

MENU 1-2

Via this menu option, you can view the records of up to 30 of the last phone calls placed to your phone.

For details about accessing a record or using the options, refer to “Outgoing” on page 55.

## Find Number

MENU 1-3

This option allows you to find the entries stored in the phonebook using speed dial numbers, names, numbers, group names, time of call or your last search.

### By Name

This option allows you to find a stored number by entering a person's name.

**Note:** You can to enter this menu by pressing  in Standby mode.

1. Enter the first few letters of the name by pressing the associated alphanumeric keys and press .

The phone searches for the names in the list beginning with that characters, and then displays the corresponding entries.

2. Press  or  to scroll to the desired name.

3. Press  or  to find the desired number under the selected name.

4. Press  to place a call to the number.

Press  to view the details about the selected name.

5. When you view the details about the selected name, press  to use the following options.

- **Edit:** allows you to edit the selected name entry.
- **Delete:** deletes the selected item.

While scrolling through the phonebook list, you can access the following options by pressing .

**Edit:** allows you to edit the selected name entry.

**Delete Name:** deletes the selected name entry.

**New:** allows you to create a new name entry.

### By Number

This option allows you to find a stored number by the number.

1. Enter the number you want to find by using the number keypad and press .

2. Press  to place a call to the number.

Press  to view the details about the selected name.

3. When you view the details about the selected name, press  to use the following options.

- **Edit:** allows you to edit the selected name entry.
- **Delete:** deletes the selected item.

While scrolling through the phonebook list, you can access the following options by pressing .

**Edit:** allows you to edit the selected name entry.

**Delete Name:** deletes the selected name entry.

**New:** allows you to create a new name entry.

## By Group

This option allows you to find a stored number by entering the name of its caller group.

1. Select the desired caller group and press  .  
The members of the selected group are displayed.

2. Press  or  to find the desired name.

3. Press  or  to find the desired number under the selected name.

4. Press  to place a call to the number.

Press  to view the details about the selected name.

5. When you view the details about the selected name, press  to use the following options.

- **Edit:** allows you to edit the selected name entry.
- **Delete:** deletes the selected item.

While scrolling through the phonebook list, you can access the following options by pressing .

**Edit:** allows you to edit the selected name entry.

**Delete Name:** deletes the selected name entry.

**New:** allows you to create a new name entry.

## By Location

This option allows you to find a stored number by entering its memory location number.

1. Enter the location number using the number key and press  . The corresponding entry is displayed.

2. Press  to place a call to the number.

Press  to view details about the selected name.

3. When you view the details about the selected name, press  to use the following options.

- **Edit:** allows you to edit the name entry.
- **Delete:** deletes the selected item.

When you find a number, you can access the following options by pressing .

**Change Speed#:** allows you to change the speed dial number of the selected number.

**Cancel Speed#:** allows you to release the speed dial number of the selected number.

## By Time

This option lists the name entries in order of the time when they were stored.

1. Press  or  to find the desired name.
2. Press  or  to find the desired number under the selected name.
3. Press  to place a call to the number.

Press  to view the details about the selected name.

4. When you view the details about the selected name, press  to use the following options.

- **Edit:** allows you to edit the selected name entry.
- **Delete:** deletes the selected item.

While scrolling through the phonebook list, you can access the following options by pressing .

**Edit:** allows you to edit the selected name entry.

**Delete Name:** deletes the selected name entry.

**New:** allows you to create a new name entry.

## Last Search

This option allows you to view the last number you searched for.

Press  to place a call to the number.

Press  to view the details about the selected name.

When you view the details about the selected name, pressing  displays the following options.

**Edit:** allows you to edit the selected name entry.

**Delete:** deletes the selected number.

While scrolling through the phonebook list, you can access the following options by pressing .

**Edit:** allows you to edit the selected name entry.

**Delete Name:** deletes the selected name entry.

**New:** allows you to create a new name entry.

## Add Entry

MENU 1-4

This menu option allows you to add a new name entry.

Create a new entry by following from Step 3 in “Saving a Number with a Name in the Phonebook” on page 26.

## Name Ringer

MENU 1-5

If the caller line identification service is available, you can set the phone to alert you to an incoming call from a specific person by using a distinctive icon and ringer.

### Setting a Special Ringer for a Number

1. Select **Set Number** and press .
2. Select a number from the phonebook list using the navigation keys and press .
3. Select the category of the ring by pressing  or  and press .
4. Select the bell or melody by pressing  or  and press .
5. Select the type of icon from **Animal Icon**, **Human Icon** or **Others**, and then press .
6. Scroll to one of the icons by pressing the navigation keys and press  to save the setting.

## Changing the Special Ringer Settings

1. Select **Edit Number** and press .
2. Select the number and press . The display shows the ringer and the icon you have set.
3. Press  and select one from the following options.
  - **Change Setup**: allows you to change the ringer and icon.
  - **Delete Number**: cancels the ringer setting.
4. After changing or deleting, press  or  to exit.

## Viewing the Available Icons

1. Select **Icon List** and press .
2. Select an icon type of and press .
3. Use the navigation keys to scroll through the icon list.

## Group Editing

MENU 1-6

This menu allows you to add a new group and edit or delete the existing groups. You have three predefined groups and you can define six additional groups.

### Adding a New Group

1. From the Group list, press  or  .
2. Select **Add** and press  .
3. Enter a name for the group and press  . You can enter up to 12 characters.

For further information about entering characters, see page 27.

4. Select the ringer category by pressing  or  and press  .
5. Select the bell or melody by pressing  or  and press  .

### Editing an Existing Group

1. Select the group you want to edit and press  or  .
2. Select **Edit** and press  .
3. Follow Steps from 3 to 6 in “Adding a New Group” to edit the group settings.

## Deleting an Existing Group

1. Select the group you want to delete and press  or  .
2. Select **Delete** and press  .

## Erase All

MENU 1-7

This menu option allows you to delete all of the phonebook entries.

To access this menu, you need to enter your four-digit lock code. The lock code is preset to “0000” at the factory.

When the confirming message appears, select **Yes** to delete all of the phone entries.

## My Phone Number

MENU 1-#

You can view your phone number using this menu.

# Organizer

The **Organizer** feature provides various convenient functions, such as a:

- Calendar to manage your schedule and a memo pad.
- Alarm to ring at a specified time once and the particular days of week.
- Calculator and unit convertor.
- World time clock.

## Calendar

MENU 2-1

This option allows you to view the current month as well as the past or future month in calendar format. In this menu option, the current day is highlighted on the calendar. You can schedule up to 30 events and be alerted by the Scheduler function before an event begins. Days with scheduled events are marked in green.

### Selecting a Day on the Calendar View

- You can move to the next or the previous day by pressing (←) or (→).
- You can move up or down one week by pressing  or .
- To display the next or the previous month, use the volume keys on the left side of the phone.

- You can also use the number keypad.

-  : selects today's date of the previous year.
-  : moves to the previous week.
-  : selects today's date of the next year.
-  : moves to the previous day.
-  : selects today.
-  : selects the next day.
-  : moves to the previous month.
-  : moves to the next week.
-  : moves to the next month.

## Scheduling a New Event

1. Select a day on the Calendar view, referring to "Selecting a day on the Calendar View" on page 66 and press .
2. If necessary, change the date and press .
3. Enter the time for the event.  
The Contents field is automatically highlighted.
4. Press  and enter your event contents.  
You can enter up to 35 characters. For further information about entering characters, see page 27.
5. Press  to accept your input.
6. Determine when an alarm will inform you of your schedule by pressing (←) or (→), and press .
7. Select the ring type and then the desired bell or melody and press .

8. Press  to save the event.
9. On the Calendar view, you can use the following options by pressing  :
  - **Set Schedule:** allows you to add a new schedule.
  - **Delete All:** deletes all schedules stored in the Planner.

## Viewing a Scheduled Event

Select the desired day on the Calendar view, referring to “Selecting a day on the Calendar View” on page 66 and press  . The list of the events on the selected day appears.

If more than one event is scheduled, press  or  to scroll to the desired event and press  to view details.

While viewing an event, press  to use the following options:

- Edit:** allows you to edit the selected schedule.
- Add:** allows you to add a new schedule.
- Delete:** deletes the selected schedule.

## Memo Pad

*MENU 2-2*

You can make up to 5 memos of important things you need to remember.

## Writing a New Memo

1. Enter what you need to remember.

You can enter up to 200 characters. For further details about entering characters, see page 27.

2. Press  to save the memo.
3. On the Memo list, you can use the following options by pressing  .
  - **New Memo:** allows you to create a new memo.
  - **Delete:** deletes the selected memo.
  - **Delete All:** deletes all memos.

## Viewing a Memo

If you have any memo already created, your list of memos appears when you access the **Memo Pad (MENU 2-2)** menu option.

To view details, select the desired memo from the list and press  .

While viewing a memo, press  to use the following options:

- Edit:** allows you to edit the selected memo.
- Delete:** deletes the selected memo.

## Alarm

MENU 2-3

This option allows you to set up to two alarms to ring at a specified time.

1. Select **ALARM 1** or **ALARM 2** and press .
2. When an alarm screen appears, press  to display the following options.
  - **Alarm Time:** enter the time when the alarm sounds using the number keypad. You need to enter the hour in 24-hour format.
  - **Alarm Melody:** select the desired ring type and then the desired melody or bell.
  - **Alarm Type:** select the interval for the alarm to ring from **Once** and **Daily**.
3. Select one of options and change the setting. Press .
4. Repeat Steps 2 and 3, if necessary.
5. When you finish setting the alarm options, select **On** using the navigation keys.
6. Press  to save the setting.

To cancel the alarm, select **Off** in the Alarm screen.

To stop the alarm when it rings, press any one of the volume keys, or any key after opening the folder.

**Note:** Keep in mind that if your phone is off at the specified time, the alarm will not sound.

## Weekday Alarm

MENU 2-4

You can set an alarm to ring at a specified time every day or only on the specified weekdays. This feature is useful when you need a morning call.

To set a morning call:

1. When a morning call screen is displayed, press  to display the following options:
  - **Alarm Time:** enter the time you want the alarm to ring using the number keypad. You need to enter the hour in 24-hour format.
  - **Melody:** select the ringer type and then the melody or bell.
  - **Alarm Type:** select the interval for the alarm to ring from **Daily**, **On Sun-Thu** and **On Sun-Fri**.
2. Select the desired option and change the setting as needed. Press .
3. Repeat Steps 1 and 2, if necessary.
4. When you finish setting the alarm options, select **Set** using the navigation keys.
5. Press  to save the setting.

To cancel the weekday alarm, access the **Weekday Alarm** menu option (**MENU 2-4**) and select **Release**.

**Notes:**

- The weekday alarm will sound even though your phone is in the silent mode (see page 37) or if you set the **Alert Type** menu option (**Menu 6-2**) to **Lamp** or **Vibration**.
- Keep in mind that if your phone is off at the specified time, the alarm will not sound.

**Calculator**

MENU 2-5

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. Set the operation for your calculation by pressing one of the navigation keys according to the illustration on the display: + (add), - (subtract),  $\times$  (multiply),  $\div$  (divide).
3. Enter the second number and press  to get the result.
4. Repeat steps 2 to 3 as many times as required.

**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 (-).

**Unit Conversion**

MENU 2-6

This menu allows you to convert a value into the required unit, for example, inches to centimeters.

To perform a unit conversion:

1. Select the desired type of unit from **Length**, **Weight**, **Volume**, **Area** and **Temperature** and press .
2. Select the original unit by pressing ( or ) and press .
3. Enter the desired value to be converted and press .
4. Select the required unit by pressing ( or ) and press  to view the result.
5. If necessary, press  to reset the convertor and repeat the conversion.
6. Press  to exit.

**World Time**

MENU 2-7

This menu allows you to check the current time for 39 major cities around the world.

Press the navigation keys to scroll through the world map until the desired time zone appears.

# Internet/MSG

You can use this menu to:

- Navigate the wireless web by using the GoNext browser.
- Send or receive SMS (Short Message Service) messages.
- Send or receive E-mail.
- Configure the modem and Internet settings.

## GoNext

MENU 3-1

Your phone comes equipped with a web browser which makes it possible for you to access the wireless web.

The Web browser allows you to access up-to-the minute information through your phone. Browsing the wireless web through your phone is unlike using your computer; site providers have selected only the critical aspects of their sites to present to wireless phone users and they have removed most graphics.

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

## Connect GoNext

Selecting this option launches the GoNext browser. Once connected, the Home page or the last page you visited will be displayed.

What appears on the display when you are connected to the network is dependent on the service provider. To view additional contents, press .

**Note:** You can quickly launch the browser by pressing and holding  in the standby mode.

## Using the Soft Keys

At the bottom of the browser display is a solid bar which contains browser commands.  and  below the solid bar are used to execute the commands. These two keys are called “Soft keys” because their function changes depending on where you are in the browser.

## Navigating Through the GoNext Browser

| To                                  | Press                                                                                                                                                                                                                            |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| scroll through the browser contents |  or  . The currently selected content is indicated by “◀.” |
| select the content                  |  .                                                                                                                                            |
| use the browser options             | and hold  . For details, see the following page.                                                                                              |
| stop the current processing         |  .                                                                                                                                           |
| return to the previous page         |  or  .                                                 |

## Exiting the GoNext Browser

To exit the browser, simply press  or close the folder at any time.

## Going Back to the GoNext Menu

While navigating the browser, press . Press  when the start menu is selected, and the phone displays the GoNext menu screen.

## Connect Wizard

You can access the Wizard service and download various items. For further details, contact your service provider.

## Wizard Box

You can manage various items downloaded through the Wizard service.

To use an item, select one of the downloaded items by pressing the navigation keys and press .

To delete an item, select the desired item from the list and press  to accept **Delete**.

## Multimedia

You can use the multimedia items downloaded from the GoNext browser.

To play back a multimedia item:

1. When the list of the downloaded items displays, scroll to the item you want to play by pressing  or .
2. Press  to play back the item.  
To pause the playback, press  and press  to resume.  
To repeat the playback, press and hold .
3. To exit the screen, press .

To remove a multimedia item from the phone's memory:

1. When the list of the downloaded items displays, scroll to the item you want to delete by pressing the navigation keys and press .
2. Select **Delete**.
3. When a confirming message displays, select **Yes** and press  to delete it. To cancel the selection, press .

## Write E-mail

You can access the e-mail server and read or send e-mail messages.

# Messages

MENU 3-2

Using the **Messages** menu, you can:

- Read your text messages and listen to voice messages.
- Send text messages.

## Inbox

Your phone can receive voice mail and text messages. When the phone receives a message, an alert sounds, and a text notification displays along with the New message icon (  ). The icon remains on the display until you read the text messages or listen to the voice messages.

Your phone receives incoming messages in both the standby mode and the talk mode. Messages can be received when the phone is locked, but you cannot access the message. To review a message, you must unlock the phone.

Your phone can store up to 62 messages, depending on the length of the messages. If the message memory is full, an error message is displayed and you cannot receive any new messages until you erase the obsolete messages.

## Listening to Voice Messages

When you access the **Voice** menu option (**MENU 3-2-1-1**), the information about the latest voice mail, such as the date and time when the mail was received and the caller's name or number, appears.

Select the desired message using (  or  ).

| To                                | Press                                                                                                                                                                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| make a call to the caller         |  .                                                                                   |
| listen to the selected voice mail |  and follow the voice prompt from the voice mail server.                             |
| delete the selected voice mail    |   |

**Note:** You can quickly access your voice mail box by pressing and holding (  in the standby mode.

## Reading Text Messages

When you access the **Text** menu option (**MENU 3-2-1-2**), an indexed list of text messages displays in the order they are received. The first message is the oldest one. A symbol in front of the sender's name or number indicates the status of the message; > for read messages, : for unread messages and ! for urgent messages.

Select the desired message using  or .

| To                          | Press                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| make a call to the sender   |  .                                        |
| read the message text       |  .                                        |
| delete the selected message |  and select the <b>Delete</b> option.     |
| delete all of the messages  |  and select the <b>Delete All</b> option. |

While reading a message, press  to use the following options:

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

**Forward:** allows you to the selected message to other persons.

**Delete:** deletes the selected message.

**Save Number:** allows you to save the phone number of the sender. For further information about saving a number, see page 26.

**Lock/Unlock:** the **Lock** option allows you to keep the message from being deleted. Locked messages are marked with “P” in the list. They will not be erased until you unlock by using the **Unlock** option.

## Setting the Message Display

Using the **Display Setup** menu option (**MENU 3-2-1-3**), you can set the phone to display the contents of a new text message when it comes in.

The following options are available:

**On:** the phone displays the full contents of the message.

**Off:** the phone displays the New Message icon () only.

## Outbox

Using this menu option, you can transmit text messages to multiple destinations.

## Creating a New Message

To create and send a text message:

1. On the Outbox screen, press  when **New Message** is highlighted.
2. Enter a message and press . For further information about entering characters, see page 27.

**Note:** If a call comes in while you are creating a message, the text you already entered is automatically saved in the **Reserved Message** menu (**MENU 3-2-2-4**); see page 83.

3. When the display asks if you want to store the message into the Message Box for future use, select **Yes** or **No** and press .

**Note:** The Message Box can hold up to 25 messages. If the memory for the message templates is full, a warning message will appear. You cannot store any more text until you erase the obsolete text.

4. Enter the phone number of the destination using the number keypad.

Pressing  allows you to search for a number from the phonebook by a person's name or group name. Note that just the numbers with the label **Mobile** will be displayed. When you find the desired number, press  to put a checkmark and press .

5. If you want to send the message to more than one person, press  to fill in another destination field.

**Note:** You will be billed for each phone number.

6. If necessary, repeat steps 4 and 5 to add more phone numbers. You can enter up to 20 numbers.
7. When you finish entering the phone number(s), press .
8. If necessary, change the Callback number to which the recipient will call back.

The default Callback number is your phone number.

9. Press  to send the message.

10. When the message is sent successfully, the display asks if you want to save it into the **Outgoing Message** menu. Select **Yes** or **No** and press .

If your phone fails to send the message, the message asking if you want to save the message will appear. Select **Yes** to save the message in the **Reserved Message** menu. Selecting **No** returns to the standby mode.

### Using Stored Text

- On the Outbox screen, select **Load Message** and press .
- Select one from the message list and press .
- Complete the message and press .
- Send the message following from Step 3 on page 86.

### Reviewing Outgoing or Reserved Messages

Your phone can store:

- Up to 25 messages that you stored after transmission.
- Up to 5 messages that you reserved.

- On the Outbox screen, select the desired message type from **Outgoing Message** and **Reserved Message** and press .

2. Select the desired message using  or .

| 3. To                        | Press                                                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| view the selected message    |  .                                        |
| forward the selected message |  and select the <b>Resend</b> option.     |
| delete the selected message  |  and select the <b>Delete</b> option.     |
| delete all message in Outbox |  and select the <b>Delete All</b> option. |

While viewing a message, press  to use the following options:

**Resend:** allows you to forward the message to other persons.

**Delete:** deletes the selected message.

## Message Box

You can store the text that you send most frequently for future use in the Message Box. Also, when you receive a call while creating a message, the text you already entered is automatically stored in this menu. The Message Box can hold up to 25 messages.

1. Select the desired text by pressing  or .

| 2. To                       | Press                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| view the selected message   |  .                                        |
| add new text                |  and select the <b>New Msg.</b> option.   |
| delete the selected text    |  and select the <b>Delete</b> option.     |
| delete all text in the menu |  and select the <b>Delete All</b> option. |

While viewing a message, press  to display the following options:

**Send SMS:** allows you to send an SMS message using the selected text. For further information about sending a message, see page 81.

**Edit:** allows you to edit the selected text.

**Delete:** deletes the selected text.

## E-mail

MENU 3-3

Using the **E-mail** menu, you can:

- Read and send your e-mail messages.
- Configure the e-mail settings.

### Read

You can access the e-mail server and read e-mail messages.

### Write

You can access the e-mail server and read e-mail messages.

### Creating and Sending a New E-mail Message

To create and send an e-mail message:

1. On the E-mail screen, press  when **Write** is highlighted.
2. Select how to enter the destination address. You can select from **Manual**, **By Group** and **By Name**.
3. Enter or search a destination address and press .
4. When the destination appears on the display, press  to select the following options:

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

**Delete:** allows you to delete the address.

**Manual Input:** allows you to manually enter a new destination address using the keypad.

**By Group:** allows you to search a destination address by the group name.

**By Name:** allows you to search a destination address by a person's name.

5. Select an option and enter destination addresses. You can enter up to 20 addresses.
6. Enter the e-mail title and press . For further information about entering text, see page xx.
7. Select **New** from the E-mail pop-up window and enter a new message.

To use the stored message, select **Recall Msg** or **Recall Memo**. When the list of the stored messages or memos, select one of them and press . If necessary, you can edit the selected message.

8. When you finish entering message, press .
9. When the display asks if you want to store the message for future use, select an option. Selecting **Memo** or **Message Box** allows you to save the message in Memo Pad or Message Box. Selecting **Not Save** allows you to not save it.

10. When the display asks if you want to send the message, select **Yes**.

When the message is sent successfully, the display asks if you want to save it into the **E-mail Outbox** menu. Select **Yes** or **No** and press .

If your phone fails to send the message, the message asking if you want to save the message will appear. Select **Yes** to save the message in the **Reserved E-mail** menu. Selecting **No** returns to the standby mode.

## Reviewing Outgoing or Reserved Messages

Your phone can store:

- Up to 25 messages that you stored after transmission.
- Up to 5 messages that you reserved.

1. On the E-mail screen, select the desired message type from **E-mail Outgoing** and **Reserved E-mail** and press .
2. When the titles of e-mail messages display, select the desired message using  or .

| 3. To                        | Press                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| view the selected message    |  .                                        |
| forward the selected message |  and select the <b>Resend</b> option.     |
| delete the selected message  |  and select the <b>Delete</b> option.     |
| delete all message in Outbox |  and select the <b>Delete All</b> option. |

While viewing a message, press  to use the following options:

**Edit:** edits the selected message.

**Resend:** allows you to forward the message to other people.

## Set Configuration

You can configure the setting options required for sending e-mail messages.

The following options are available:

**SMTP Server:** allows you to set the URL address of the E-mail server.

**Sender Addr.:** allows you to set the default destination address.

## Modem Setup

MENU 3-4

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

To use digital data or fax services with your phone, you will need to obtain a digital data/fax kit from your local Samsung dealer. This kit will contain the necessary cables, software, and user's manual required for you to connect and use your phone with your computing device. Refer to your data kit manual for further details about setting up your computing device.

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

### Modem Alert

This option allows you to set how you are alerted when the phone receives data or fax calls.

Select the ringer type and then select the bell or melody.

## Auto Receive

You can set the phone to function as a modem to send or receive data and fax calls.

The following options are available:

**Release:** The Auto Receive mode for the data and faxes is turned off. Your phone can only send or receive voice calls.

**Modem:** You can set the phone to automatically receive data or not. You can select from **Off**, **For 10 min.** and **Always**.

**Fax:** You can set the phone to automatically receive faxes or not. You can select from **Off**, **For 10 min.** and **Always**.

## Port Speed

This menu allows you to select the speed for the communication between your phone and the computing device.

Select one from **Fax Only**, **19.2 kbps**, **115.2 kbps** and **230.4 kbps**.

## Internet Setup

MENU 3-5

You can configure the setting options required for connecting to the Internet.

To access this menu option, you should enter the Lock code.

### Initial URL

You can set the default URL address that is displayed when you access the Internet.

### Gateway

You can set the gateway address for connecting the Internet.

### NATE E-mail

Shows the URL address of the E-mail server.

### Primary DNS(Domain Name Server)

Shows the IP address of the primary DNS server.

### Secondary DNS(Domain Name Server)

Shows the IP address of the secondary DNS server.

## Screen Color

You can set the screen color when you connect to the Internet.

### Reset

You can reset the settings that you configured. When the confirming message displays, select **Yes** and press .

# Games

You can enjoy four games on your phone; **Push Push**, **Couple Bowling**, **Rascal Othello** and **Snow Gogo**.

To start a game:

1. Press  or  until the desired game is highlighted and press .
2. Press .
  - For the Push Push game, the Key Helper appears to help you understand the key operation for the game.
  - For the Couple Bowling game, the Menu screen appears, containing the following options:
    - New Game:** starts a new game.
    - Key Control:** shows the key operation for the game.
    - About Game:** gives you information on how to play the game, terms, rules or how to calculate your score.
  - For the Rascal Othello and Snow Gogo games, the Menu screen appears, containing the following options:
    - Start:** starts a new game.
    - Introduction (Info):** gives you an introduction of the game.
    - Option:** set up the options for the game.
    - Help:** shows the key operation for the game.

3. If necessary, select **Start** or **New Game** by pressing  or , and press  to start the game.

To stop the game, press  at any time.

## Music Box

The **Music Box** menu contains the bells and melodies to alert you to an incoming call. A bell or melody selected in this menu will be used according to the setting in the **Alert Type** menu option (**MENU 6-2**).

You can quickly access this menu by pressing  from the standby mode.

**Note:** When the phone is in the silent mode (see page 37), you cannot use this menu.

## Sound Effects

*MENU 5-1*

You can select one of the 25 predefined ringer tones.

Use the navigation keys to listen to the tones available. Each time you select one, it is played for a few seconds.

## Melodies

*MENU 5-2*

You can select one of the 25 predefined ringer melodies.

Use the navigation keys to listen to the melodies available. Each time you select one, it is played for a few seconds.

## My Melody

*MENU 5-3*

You can select one of the 8 melodies downloaded from the wireless web via the GoNext browser.

Use the navigation keys to listen to the melodies available. Each time you select one, it is played for a few seconds.

# Sounds

Using this menu, you can customize the various sound settings, such as the:

- Ring volume or type.
- Tone to alert you to an incoming message.
- Length of the DTMF tone.
- Tone to sound when your call is connected or disconnected.

**Note:** When the phone is in Silent mode (see page 37), you cannot use this menu.

## Ring Volume

*MENU 6-1*

This option allows you to adjust the ringer volume.

Use the navigation keys or the volume keys on the left side of the phone to adjust the volume. The display shows the volume level.

## Alert Type

*MENU 6-2*

This option allows you to indicate how you are to be informed of any incoming calls.

The following options are available:

**Ring/Melody:** The phone rings using the bell or melody selected via the **Music Box** menu (**MENU 5**).

**Vibration:** The phone vibrates but does not ring.

**Lamp:** The backlight switches on and the service light blinks; the phone neither rings nor vibrates.

**Vibration+Ring:** The phone vibrates and rings.

**Ring+Vibration:** The phone rings and vibrates.

## Message Tone

*MENU 6-3*

When you receive a new message, the phone alerts you. You can set how frequently this happens and which alert type sounds by using this menu option.

If you receive a message during a call, the phone automatically mutes the ringer and provides a call waiting tone. This is to avoid ringing in your ear while you are trying to talk.

The following options are available:

## Alert Tone

You can set the alert type for the message alert between **Alert Sound 1** through **Alert Sound 5**. The **Vibration** option will vibrate the phone. Selecting **Lamp** flashes the service light, but does not sound the message alert.

## Alert Interval

You can set how often your phone alerts you that there are new received messages between **One Time** and **Every 2 mins**. Selecting **No Alert** does not sound the message alert.

## Connect Tone

*MENU 6-4*

With this menu option **On**, the phone sounds a tone when your call is connected to the system.

To turn the connect tone off, select **Off**.

## Disconnect Tone

*MENU 6-5*

With this menu option **On**, the phone sounds a tone when a call is disconnected or dropped from the system.

To turn the disconnect tone off, select **Off**.

# Setup

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

## Lock Code

*MENU 7-1*

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

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

## Answer Mode

*MENU 7-2*

This menu option allows you to select how to answer an incoming call. It is preset to **SEND key**.

The following options are available:

**Open Folder:** the phone answers when you open the folder.

**Anykey:** the phone answers when you press any key except for .

**Send:** the phone answers only when you press .

## LCD

MENU 7-3

### Backlight Time

You can set the length of time the phone waits until the backlight turns off after you press the last key or open the folder, from **15 Seconds On**, **30 Seconds On** and **60 Seconds On**.

### Set Backlight

You can set the backlight mode. **Normal Mode** flashes the backlight when you press any key. Select **Saving Mode** to use the backlight only between 5:00 PM and 8:00 AM. Doing this saves the battery power.

### External LCD

This option allows you to adjust the contrast of the external LCD

Adjust the brightness using the navigation keys, or the volume keys on the left side of the phone.

## Auto Hyphen

MENU 7-4

When this option is set to **On**, your phone automatically hyphenates numbers when you enter a phone number, for example, 000-0000000. Digits following a pause are not hyphenated.

## Lock Phone

Menu 7-5

This menu allows you to lock the phone. Locking the phone limits all use of your phone. To access this menu, you need to enter your four-digit lock code. The lock code is preset to "0000" at the factory.

The following options are available:

**Auto Lock:** after unlocking the phone temporarily, you can lock the phone simply by closing the folder.

**Manual Lock:** after unlocking the phone temporarily, you need to switch the phone off and back on to lock the phone.

**Release:** releases the Lock mode.

In the lock mode, you can make emergency calls using the stored emergency numbers (see page 108). Simply enter one of them and press .

To use the phone in the lock mode, enter the four-digit lock code. Your phone unlocks temporarily and you can use it.

To release the lock mode, enter the lock code to unlock the phone temporarily. Access the **Lock Phone** menu and select **Release** to unlock your phone completely.

## Time Manager

MENU 7-6

Using this menu option, you can:

- View the length of your calls.
- Set the current date and time.

### Air Time

Your phone keeps track of the amount of air time, or call time, used. Using this option, you can view the airtime for the last call or all calls made to or from your phone. You can also easily reset the airtime measurement.

The display shows the following measurements:

**Last Call Time:** shows the air time of the last call.

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

**Data Calls Time:** shows the air time of the all data calls.

**Note:** The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing purposes and so forth.

While viewing the air time, press  to use the following options:

**Delete Call:** deletes the “Last Call Time” measurement.

**Delete Total:** deletes the “Total Calls Time” measurement.

**Delete Data:** deletes the “Data Calls Time” measurement.

**Delete All:** deletes all measurements at the same time.

### Set Time

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

Enter the date and time using the number keypad. You can move the cursor between the date and the time fields by pressing  or .

The month, day, hour and minute must be entered using 2 digits and the year requires all four digits. You need to enter the hour in 24-hour format; for example, enter 15 and 30 for 3:30 PM.

## Reset

*MENU 7-\**

Using this menu option, you can reset your phone to its default status. To access this menu, you need to enter your four-digit lock code. The lock code is preset to “0000” at the factory.

The following options are available:

**Settings Only** : resets all user-selectable setting options to their default settings.

**Clear All**: erases all data you have stored in the phone's memory, such as phonebook entries, memos, schedules, call records and bookmarks.

When a confirmation displays explaining that you will reset all the menu options, select **Yes** to confirm. The phone turns off by itself and back on, reboots, and then returns to the standby mode.

Select **No** to cancel your selection.

## Security

*MENU 7-0*

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

### Call Restriction

This feature provides you with various options to hide your private information or restrict the phone's unauthorized use.

The following options are available:

**Privacy**: protects your private information. With this option active, the lock code is required to access your personal information, such as the phone book, scheduler, memo, call records and so on.

**Incoming Call**: restricts all incoming calls to your phone.

**Int. Call**: restricts international calls.

To access each option, you need to enter the lock code. Select **On** to restrict the selected item. To cancel, select **Off**.

### Send ID

This feature allows you to keep your phone number from displaying on the called person's phone.

Select **Restrict** to hide your number. To cancel, select **Display**.

## Send PIN

By setting the phone to send the PIN code when dialing, you can prevent your phone from being used by unauthorized people. The phone prompts you to enter the your PIN code when you make a call, therefore, a person who doesn't have the code will not be able to use your phone.

Select **On** to turn this feature on, or **Off** to cancel.

**Note:** Your service provider must enable this feature and assign you a PIN code in order for this feature to work. Contact your service provider for complete information about the PIN code.

## Emergency #

This feature allows you to store up to seven numbers emergency numbers so that you can make a call using them even when the phone is locked. Your phone has 4 default emergency number; 100, 101, 102, and \* 166.

To store an emergency number:

1. Select a location by pressing  or  , and press  .
2. there is a number already stored in the selected location, press  to clear the number.

3. Enter a phone number and press  to save.

Each emergency number can be up to ten digits long.

To make an emergency number in the lock mode, simply enter one of the stored numbers and press  .

## NAM

NAM stands for numerical assignment module- essentially your phone number. Your phone can have two NAMs. This means that you can have two phone numbers for using your phone and can quickly and easily switch your service back and forth between the two numbers.

If you change the NAM, the phone will turn off by itself and back on, or reboot, and acquire service using the new NAM setting.

# 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. Remember, it is a free call on your wireless phone!
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 is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

#### Pacemakers

Pacemaker manufacturers recommend that a minimum 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 minimise 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, proceed as follows.

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.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

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

### Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty 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's.
- 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 it. 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. Unauthorised 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

**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 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).

**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.

**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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| BASIC OPERATION           |                                                          | INTERNAL PHONEBOOK             |                                                                                                                                                                                                                                           |
|---------------------------|----------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Make a call               | Phone number + <b>SEND</b>                               | Store a new number into memory | Phone number + ► + ◄ or ►(label) + <b>OK</b> + name + ► to the selected label + location number + <b>OK</b> + Yes + <b>OK</b>                                                                                                             |
| End a call                | <b>END</b>                                               |                                |                                                                                                                                                                                                                                           |
| Receive a call            | Open the folder or <b>SEND</b>                           |                                |                                                                                                                                                                                                                                           |
| Adjust key tone volume    | <i>(In the standby mode)</i><br>◄ / ◂ on the left side   | Speed dial                     | One-Touch (001-099): Hold down the third digit.<br>Two-Touch (010-099): Press the second digit briefly, then hold down the third digit.<br>Three-Touch (100-999): Press the first and the second digit briefly, then hold down the third. |
| Adjust voice volume       | <i>(during a conversation)</i><br>◄ / ◂ on the left side |                                |                                                                                                                                                                                                                                           |
| Redial the last call      | <b>SEND</b> twice                                        |                                |                                                                                                                                                                                                                                           |
| Switch to the silent mode | <i>(In the standby mode)</i><br>Hold * down              | Scan memories                  | ► + <b>OK</b> + ▼ or ▲ + ◄ or ► + <b>SEND</b> or <b>OK</b>                                                                                                                                                                                |

|                 |                                                                                                                                          |              |                                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|
| 1: Phonebook    | 1: Outgoing<br>2: Incoming<br>3: Find Number<br>4: Add Entry<br>5: Name Ringer<br>6: Group Editing<br>7: Erase All<br>#: My Phone Number | 5: Music Box | 1: Sound Effects<br>2: Melodies<br>3: My Melody                                                                                  |
| 2: Organizer    | 1: Calendar<br>2: Memo Pad<br>3: Alarm<br>4: Weekday Alarm<br>5: Calculator<br>6: Unit Conversion<br>7: World Time                       | 6: Sounds    | 1: Ring Volume<br>2: Alert Type<br>3: Message Alert<br>4: Connect Tone<br>5: Disconnect Tone                                     |
| 3: Internet/MSG | 1: GoNext<br>2: Messages<br>3: E-mail<br>4: Modem Setup<br>5: Internet Setup                                                             | 7: Setup     | 1: Lock Code<br>2: Answer Mode<br>3: LCD<br>4: Auto Hyphen<br>5: Lock Phone<br>6: Time Manager<br>*: Reset<br>0: Security        |
| 4: Games        | 1: Push push<br>2: Couple Bowling<br>3: Rascal Othello<br>4: Snow Gogo                                                                   | ▲ . My Phone | 1: Personal Menu<br>2: Animation<br>3: Sliding Text<br>4: External Clock<br>5: Dialing Digits<br>6: Language<br>7: Administrator |

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U.S Patent No. 4,901,307 5,056,109 5,099,204  
5,101,501 5,103,459 5,107,225  
5,109,390