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

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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.

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 an aircraft

Wireless phones can cause interference. Using them in an 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 with 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.

Emergency Call

Ensure the phone is switched on and in service. Key in the emergency number for your present location, then press . You must deactivate any unnecessary features in use before you can make an emergency call. Give all necessary information as accurately as possible. Do not end the call until given permission to do so.

Water Resistance

Your phone is not water-resistant. Keep it dry.

Accessories and Batteries

Use only Samsung-approved accessories and batteries. Use of any unauthorized accessories could damage your phone and may be dangerous.

Qualified Service

Only qualified service personnel may repair your phone.

For more detailed safety information, see “Health and safety information” on page xx.

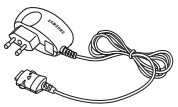
CAUTION

Risk of explosion if a battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.

Unpacking

Your package contains the following items. The illustrations below may look different from your phone and accessories:

Handset

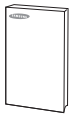


Travel Adapter

Batteries

Desktop Holder

Straight Headset



User's Manual

LCD Cleaner

You can obtain the following accessories for your phone from your local Samsung dealer:

- Standard Battery
- Travel Charger
- Car Charger
- Straight Headset
- Extended Battery
- Desktop Holder
- PC Data Link Cable

Your phone

Phone layout

The following illustrations show the main elements of your phone:

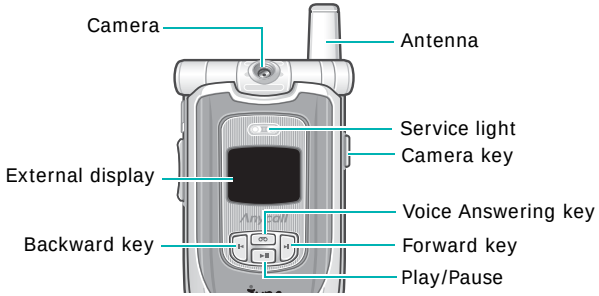
With the phone open

Keys

Key(s)	Description
	Enters Menu mode.
	Selects the current menu option.
	In Menu mode, scrolls through menu options. In Standby mode; quickly enters the following menus respectively: • Up: **I.Beam** • Down: **Voice Tools** • Left: **Internet/SMS** • Right: **Phonebook**
	Enters the Internet feature. Quickly launches the web browser when pressed and held.
	Makes or answers a call. In Standby mode, retrieves the most recent numbers dialed, received, or missed. Redials the last number when pressed and held.
	Ends a call. Also switches the phone on and off when pressed and held. In Menu mode, cancels your input and returns to Standby mode.

Key(s)	Description (continued)
	Enters the 3GTV-Video feature. Quickly enters the **Remote Controller** menu (**MENU 3.3.1**) when pressed and held.
	Deletes characters from the display. In Menu mode, returns you to the previous menu level.
	Enters numbers, letters, and some special characters.
	Performs various functions. In Standby mode, quickly enters or exits Manner mode when pressed and held. In the text entry mode, inserts a space.
	(on the left side of the phone) During a call, adjusts the voice volume. In Standby mode, adjusts the key tone volume.

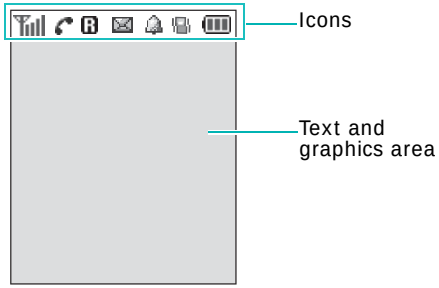
With the phone closed



Key(s)	Description
	(on the right side of the phone) In Standby mode, enters the **Digital Camcorder** menu.
	(front of the phone) Activates the Voice Answer feature when pressed and held. When you press and held this key again, you can select a greeting message or deactivate the Voice Answer feature.
	Plays and resumes the media file stored in the **Play List** folder with the phone closed when pressed and held.
	Skips froward during playing MP3 files with the phone closed.
	Skips backward during playing MP3 files with the phone closed.

Display

The display has 2 areas.



Icons

Icon	Description
	Signal strength: Shows the received signal strength. The greater the number of bars, the better the signal.
	Service: Appears when a call is in progress.
	No service: Appears when you are outside a service area. When it displays, you cannot make or receive calls. Wait a little while for a better signal or move into an open area to regain service.
	Roaming: Appears when you are out of your home area and have logged onto a different network; for example, when traveling in other countries.
	Alarm mode: Appears when you set an alarm to ring at a specified time.

Icon	Description (continued)
	New message: Indicates that there is a new message waiting to be checked.
	Vibration mode: Appears when the ringer type for calls is set to **Vibrate** or when your phone is in Silent mode.
	Battery status: Shows the level of your battery. The more bars you see, the more power you have remaining.

External display

Your phone has an external display on the front of the phone. It indicates when you have an incoming call or a message. It also alerts you at the specified time when you have set an alarm. The backlight turns on and the corresponding icon appears on the external display.

When you close the phone, the display shows the current time on a digital clock.

Backlight

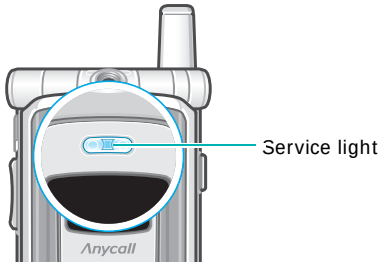
The backlight illuminates the display and keypad. When you press any key or open the phone, the backlight turns on and remains on for a given period of time, depending on your setting in the **Display/Light** menu (**MENU 8-2**).

To specify the length of time for which the backlight is active, set the **Display/Light** menu. See page xx for further details.

Service light

The service light on the front of the phone flashes to indicate an incoming call, message, or alarm and flashes for a few seconds when you turn the phone on or off.

You can select the time period for the service light to be blink in the **Service LED** menu (**MENU 8-2-4**). See page xx for further details.



Camera

The camera module on the top center of your phone allows you to take a photo or record a video while on the move.

For further details about the Camera feature, see page xx.

Flash

You can use the built-in flash on the front of the phone to take a photos when it dark.

Getting started

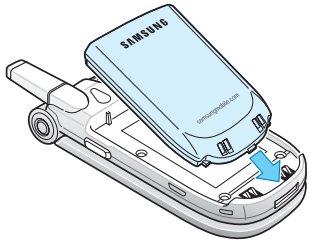
Using the battery

Your phone is powered by a rechargeable Li-ion battery. 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. A discharged battery recharges fully in approximately 200 minutes for a standard battery.

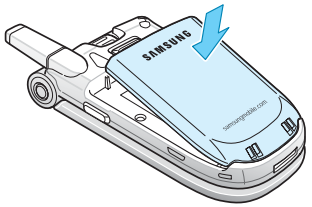
Installing the battery

1. Place the battery so that the tabs on the end align with the slots at the bottom of the phone.



2. Press the battery down until it clicks into place.

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



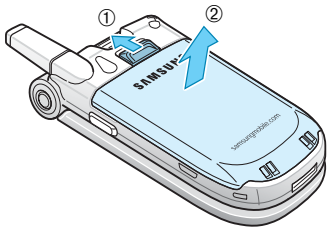
Removing the battery

1. If necessary, switch off the phone by pressing and holding until the power-off image displays.

2. To remove the battery:

   ① Slide the battery catch lock toward the top of the phone and hold it in that position.

   ② Lift away the battery, as shown.



Low battery indicator

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds and the “Low battery!” message repeats at regular intervals on the display.

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

Switching on or off the phone

1. Open the phone, if necessary.
2. Press and hold for more than one second to switch on the phone.

   The service light flashes and then the idle screen appears on the display when the system locates service.

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

   Note: You can change the display language in the **Language/** menu (**OK-6**). See page xx.
3. When you wish to switch off the phone, press and hold 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: 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 modes

Standby mode

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

Press at any time to return to Standby mode. Be careful; if you are on a call when you press , your phone disconnects the call and returns to Standby mode.

Talk mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in Talk mode. While you are in Talk mode, pressing gives you a list of options. See page xx for details.

Power save mode

Your phone comes with a Power Save feature that automatically be activated if your phone is unable to find a signal after 15 minutes of searching. While this feature is active, the phone's battery charge is conserved. To return to Standby mode, press any key.

Lock mode

When you lock your phone using the **Lock Phone** menu (**MENU 8-6-6**), you cannot use the phone. In Lock mode, you can receive messages and calls, but you cannot place a call or use the phone's menu functions.

To unlock the phone temporarily, press any key and enter the lock code.

For further details about locking and unlocking the phone, see page xx.

Manner mode

Manner mode disables all sounds except for the camera shutter sound on the phone. This feature is best used in situations where the phone might disturb others, such as in a meeting, in a library, or in a theater. Your phone can be set to Manner mode with a press of a key in Standby mode.

To enter Manner mode, press and hold # until "Change to Manner Mode" and the Vibration icon ( ) appear.

To exit and reactivate the previous sound settings, press and hold # until "Cancel Manner mode" appears. The Vibration icon no longer displays.

Call functions

Making a call

To make a call:

1. In Standby mode, enter the area code and phone number.

   While entering a phone number, press MENU/* to insert a hard pause. For further details about pause dialing, see page xx.

2. 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	CLR .
the whole display and return to Standby mode	CLR and hold it for more than one second.

Ending a call

When you want to finish your call, press .

The call time, or the length of the call, displays along with the phone number of the other person. If the number is stored in your Phonebook, the name displays. If there is no match, you can press and store the number in Phonebook. For further details about storing a number, see page xx.

Or, simply close the phone to end a call.

Using the recent call logs

The phone stores up to 60 of the calls dialed, received, or missed chronologically. The last call is saved in the first position. For details, see page xx.

To recall any of these numbers:

1. If there are characters on the display, return to Standby mode by pressing .
2. Press . The list of recent calls displays.
   - : Dialed calls
   - : Received calls
   - : Missed calls
   - ??: Voice answering calls
3. Press the Navigation keys to scan through the list until you find the number you want.
4. Press to dial the displayed number.

Note: When you select a voice answering call, press to access the **Inbox** menu (**MENU7-2-2**). For further details, see page xx.

Making a call from Phonebook

You can store the phone numbers you called regularly in the phone's memory, which is called "Phonebook." You then simply recall the number to dial. For further details about the Phonebook feature, see page xx.

Saving a number with a name in Phonebook

1. Press after ending a call or entering the phone number you want to save by using the number keypad.
2. Press the Navigation keys to move through the fields and fill in each field as needed.
   - **Name**: Enter a name for the number. For further details about entering characters, see page xx.
   - **Home**/**Mobile**/**Office**/**Other**/**FAX**: Add a number in the Phone number field. You can enter a speed dial number in the box at the right side of the label. Notice that speed dialing is not available for fax numbers.
   - **E-mail**: Enter an e-mail address.
   - ללא קבוצה (Group): Select a caller group by pressing or . The ringer melody for the group also appears.
   - **Memo**: Enter a memo to remind you of the person.
3. When you are finished, press to save the entry.

4. Select **Yes** by pressing the Navigation keys to confirm your input and press OK.

5. Press CLR or to exit.

Entering text

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

1.

To select	Press until
Upper-case Hebrew	?? highlights.
Lower-case Hebrew	?? highlights.
T9 mode English	?? highlights.
Alphabet mode English	?? highlights.
Symbol mode	?? highlights.
Number mode	?? highlights.

2. Press the key labeled with the letter you want:

- To enter a number, press and hold the corresponding key or press until (??) highlights. Then press the key you want.
- Press CLR to clear the characters one by one. Pressing and holding the key clears out the display.
- You can move the cursor by pressing or . Then add characters using the alphanumeric keys or insert a space between each word by pressing #.

- If you select Symbol mode, the available symbols display. Press the keys corresponding to the digit you want to enter. To display more symbol sets, press the Navigation keys.

Finding and dialing a number in Phonebook

1. Press in Standby mode.
2. Press OK when **Find Number** highlights.
3. Select **By Name** and press OK.
4. Enter the first few letters of the name by pressing the associated alphanumeric keys and press OK.

   The phone searches for the names on the list containing those characters, and then displays the corresponding entries in alphabetical order.
5. Press t.Beam or to scroll to a name.
6. If necessary, press or to find the number.
7. Press to place a call to the number.

You can find a number using specific information, such as the name, phone number, location number, or the order in which you saved your entries. For detailed information, see page xx.

Speed-dialing

Once you have stored phone numbers in Phonebook, you can dial them easily with the few presses of the keys.

Enter the memory location of the number you want to dial, and then hold the final digit to dial.

One-touch Dial: Memory locations 000, 001 through 009 are special one-touch locations. You can dial the phone numbers stored in them 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 9 and hold.

The number (and name) stored displays, and then dials.

Two-touch dial: For memory locations of two digits.

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

For example: Location no. 023

Press 2 briefly and hold 3.

The number (and name) stored displays, and then dials.

Three-touch dial: For memory locations of three digits.

Press the first two digits briefly, then hold down the third digit of the memory cell.

For example: Location no. 123

Press 1 and 2 briefly, and then hold 3.

The number (and name) stored displays, and then dials.

Four-digit dialing

You can quickly dial a phone number in Phonebook or LastCallLogs by entering its last four consecutive digits. Your phone searches for the entire number for you.

1. Enter the last four digits of the phone number. Your phone displays the phone number matching your input.
2. Scroll through the numbers using the Navigation keys to display the one you want.
3. Press to dial the number.

Pause dialing

When you call an automated system, like a banking service, 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 insert a pause. A "P" displays, meaning that a hard pause will occur at that point in the dialing sequence.

   The "P" stops the dialing and waits for the teleservice to prompt you for a number. The number following the "P" is your account number, PIN, etc.
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 xx.

Pause dialing from a stored Phonebook entry

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

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

Manual pause dialing

You can enter pauses manually during the dialing process.

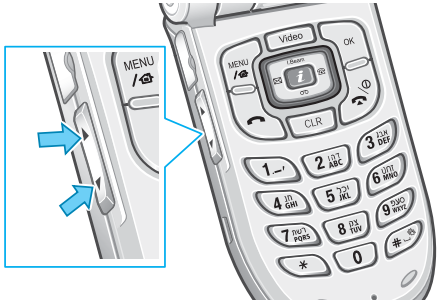
1. Enter the phone number of the service you want to call, such as a bank's teleservice phone number.
2. Press to insert a pause.

   The screen displays a "P" indicating a pause.
3. Enter the number to be sent after the pause.
4. Repeat steps 2 and 3 to add more pauses and numbers, if necessary,
5. Press .
6. After connecting, wait for the prompt from teleservice. Press again after the prompt to send the additional number(s).

Adjusting the volume during a call

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 image on the display shows all 4 levels; the more bars you see, the higher the level is.



In Standby mode, you can also adjust the keypad tone volume using these keys.

Silencing a call ringer

You can silence the ringer when a call comes in by pressing and holding or one of the Volume keys on the left side of the phone.

Answering a call

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

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

There are two ways to answer a call, depending on your setting in the **Call Answer** menu (**MENU 8-4**):

If you select	To answer the call,
Folder Open	open the phone. If it is already open, press .
Any Key	open the phone and press any key, except , and the Volume keys.

To end the call, close the phone or press .

Note: You can answer a call while using the Phonebook or menu features. The current operation stops.

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.

When the display informs you of the missed call, press to access the LastCallLog list.

Or, press to clear the message and return to Standby mode.

You can also view the missed calls in the **Missed Call** menu (**MENU 1-4**). Missed calls are indicated by the icon. For details, see page xx.

Options during a call

Your phone provides a number of functions that you can use during a call. As some of these 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 xx.

Message Setup: allows you to use the **Messages** menu. See page xx.

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

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

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

Send Phone #: sends DTMF (Dual Tone Multi-Frequency) tones of your phone number.

Talk:**Send DTMF**: sends DTMF tones of the currently displayed number. DTMF tones can be used to control electronic phone services, such as bank-by-phone or voice mail. During a call, enter the digits you want to send as DTMF tones, for example, the bank account number and password. Press and then . Press to send the number.

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 person and places the current person on hold.
2. Press again to switch between the two people.
3. To end the call, press or close the phone. All of the calls are disconnected.

Three-way calling

This feature enables you to conduct conference calls with two separate people at the same time. The phone records the two people into the Outgoing call log. You are billed airtime for each of the outgoing calls separately. Contact your service provider to activate Three-way Calling.

To make a three-way call:

1. During a conversation, enter the phone number for the third person and press .

2. When the third person answers, press again to begin your three-way call.

When one of the callers hangs up, you and the remaining caller stays connected. If you initiated the call and you hang up first, all three people are disconnected.

Using the menus

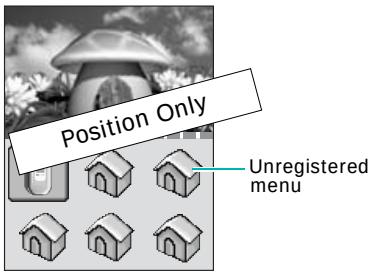
Your phone offers a range of functions that allows you to tailor it to your needs. These functions are arranged in menus and submenus.

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

Accessing menu modes

In Standby mode, press and hold to enter Menu mode.

Or press to enter Personal Menu mode.



You can configure Personal Menu mode with your favorite menu functions by registering new menus and changing the menu order or icons in the **My Phone** menu. Note that you can access the menu only from Personal Menu mode.

For further details about configuring Personal Menu mode, see page xx.

Accessing a menu function by scrolling

1. In Standby mode, press to enter the Personal Menu mode.
2. Scroll using the Navigation keys to reach a menu, for example, **Entertainment**. Press to enter the menu.
3. Find the menu option you want, for example, **Music Box**, by scrolling using or . Press to enter the menu option.

   If the menu you have selected contains submenus, repeat this step.
4. Scroll using the Navigation keys to find the setting of your choice.
5. Press to save the setting.

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

When you see a blinking box at the bottom left of the display in Main Menu mode, it means that the highlighted menu has some options available.

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

Press to access the following options:

Change Icon: allows you to change the menu icon. For further details, see page xx.

Delete Menu: deletes the menu from Personal Menu mode.

Change Order: allows you to change the menu order. For further details, see page xx.

Using shortcuts

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

Notes:
- The numbers assigned to each menu function are indicated on the list on page xx.
- In Personal Menu mode, the shortcut numbers can be different, depending on your setting in the **My Phone** menu.

1. In Standby mode, press to access Main Menu mode.

   Enter the first digit of the shortcut number. Repeat this for each digit of the shortcut number.

   Example: Setting **Ringer Type**

   Press 8, 1, and 1.

   8 for **Setup**, 1 for **Sound**, and 1 for **Ringer Type**.

2. Find the setting of your choice using the Navigation keys.

3. Press OK to save the setting.

List of menu functions

The following list shows the menu structure available and indicates the number assigned to each option and the page where you can find a description of each feature.

My Phone (see page xx)

- 1: Start Menu
  - 1-1: Set
  - 1-2: Delete
  - 1-3: Reset
- 2: Menu Screen
  - 2-1: Change Icon
  - 2-2: Change Order
  - 2-3: Set Color
  - 2-4: Theme Color
  - 2-5: Icon List
- 3: My Name
- 4: Text Slide
- 5: Dialpad Setup
  - 5-1: Size
  - 5-2: Color
- 6: Language/שפה
- 7: Flash

1. Phonebook (see page xx)

- 1-1: Find Number
  - 1-1-1: By Name
  - 1-1-2: By Number
  - 1-1-3: By Location
  - 1-1-4: By Time
- 1-2: Outgoing Call
- 1-3: Incoming Call
- 1-4: Missed Call
- 1-5: Store Number
- 1-6: Call Alert
  - 1-6-1: Edit Number
  - 1-6-2: Set Number
  - 1-6-3: Icon List
- 1-7: Edit Group
- 1-8: Reset Phonebook
- 1-#: My Number

2. Internet/SMS (see page xx)

- 2-1: VAS
  - 2-1-1: Internet Portal
  - 2-1-2: Games&Applications
  - 2-1-3: Ringtone
  - 2-1-4: Animation
  - 2-1-5: E-Mail
  - 2-1-6: SMS Info
  - 2-1-7: What's New
- 2-2: Message
  - 2-2-1: Incoming
    - 2-2-1-1: Text Msg.
    - 2-2-1-2: Voice Msg
    - 2-2-1-3: Set Alert
    - 2-2-1-4: Msg. Display
    - 2-2-1-5: SPAM Exclusion
  - 2-2-2: Outgoing
    - 2-2-2-1: Write
    - 2-2-2-2: Voice Memo
    - 2-2-2-3: Page
    - 2-2-2-4: Namecard
    - 2-2-2-5: Outgoing Box
  - 2-2-3: Msg Templates
  - 2-2-4: Message Log

2. Internet/SMS (continued)

- 2-3: E-mail
  - 2-3-1: Inbox
  - 2-3-2: Compose
  - 2-3-3: Contacts
  - 2-3-4: Tools
  - 2-3-5: Help
  - 2-3-6: Exit
- 2-4: Set Modem
  - 2-4-1: Alert Type
  - 2-4-2: Auto Receive
  - 2-4-3: Tx Rate
- 2-5: Internet Setup
  - 2-5-1: Initial URL
  - 2-5-2: Gateway
  - 2-5-3: Initialize
  - 2-5-4: Data Comm Setup

3. Entertainment (see page xx)

- 3-1: Music Box
- 3-2: Image Box
  - 3-2-1: Wallpaper
  - 3-2-2: Incoming Call
  - 3-2-3: Browser Conn.
  - 3-2-4: Power On
  - 3-2-5: Power Off
  - 3-2-6: Delete Image
- 3-3: I.Beam
  - 3-3-1: Remote Controller
  - 3-3-2: IrDA
    - 3-3-2-1: Rx mode
    - 3-3-2-2: Send Namecard
    - 3-3-2-3: Send Phonebooks
- 3-4: Memory Status

4. Organizer (see page xx)

- 4-1: Morning Call
- 4-2: Alarm Clock
- 4-3: Scheduler
- 4-4: Memo Pad
- 4-5: Calculator
- 4-6: Worldtime
- 4-7: D-Day Plus

5. 3GTV-Video (see page xx)

- 5-1: Video Portal
- 5-2: Music
  - 5-2-1: Download Music
  - 5-2-2: Playlist
- 5-3: Broadcasting Channel
- 5-4: Downloads
  - 5-4-1: Video Download
  - 5-4-2: My Box
  - 5-4-3: Download Setting
- 5-5: Video Mail
  - 5-5-1: Write New VideoMail
  - 5-5-2: Sent Video Mail
  - 5-5-3: Draft Video Mail
  - 5-5-4: Received Video Mail
  - 5-5-5: Configuration
- 5-6: Configuration
  - 5-6-1: Music Skin
  - 5-6-2: Memory info
  - 5-6-3: Live Screen Set Up
  - 5-6-4: Bass Booster

6. Digital Camcorder (see page xx)

- 6-1: Recording
  - 6-1-1: Photo Shot
  - 6-1-2: Multi Shot
  - 6-1-3: Video Recording
- 6-2: Photo Album
- 6-3: Video Album
- 6-4: Photo Mail
  - 6-4-1: Send Photo Mail
  - 6-4-2: Outbox
  - 6-4-3: Filed MSG
  - 6-4-4: Inbox
  - 6-4-5: Configuration
- 6-5: Video Mail
  - 6-5-1: Send Video Mail
  - 6-5-2: Outbox
  - 6-5-3: Filed MSG
  - 6-5-4: Inbox
  - 6-5-5: Configuration
- 6-6: Setup
  - 6-6-1: Lock Photos
  - 6-6-2: Lock Videos
  - 6-6-3: Lock Photo Mail
  - 6-6-4: Lock Video Mail
  - 6-6-5: Camera Sound

7. Voice Tools (see page xx)

- 7-1: Voice Memo
  - 7-1-1: Record
  - 7-1-2: Review
- 7-2: Voice Answer
  - 7-2-1: On/Off
  - 7-2-2: Inbox
  - 7-2-3: Screening
  - 7-2-4: Wait Time
  - 7-2-5: Record Greeting

8. Setup (see page xx)

- 8-1: Sound
  - 8-1-1: Ringer Type
  - 8-1-2: Ringer Volume
  - 8-1-3: Key Tone Type
  - 8-1-4: On Time Sound
  - 8-1-5: Function Sound
- 8-2: Display/Light
  - 8-2-1: Main LCD Light
  - 8-2-2: External LCD light
  - 8-2-3: Keypad light
  - 8-2-4: Service LED
- 8-3: Auto Dial
  - 8-3-1: Area code
  - 8-3-2: International Call
- 8-4: Call Answer
- 8-5: Change Lock
- 8-6: Restriction
  - 8-6-1: Menu Lock
  - 8-6-2: Incoming Call
  - 8-6-3: International Call
  - 8-6-4: Caller ID
  - 8-6-5: Reset Phone
  - 8-6-6: Lock Phone
  - 8-6-7: Emergency Call

My Phone

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

Start Menu *(OK-1)*

This menu allows you to set up Start Menu mode to suit your preference.

Set *(OK-1-1)*

You can register up to 8 menus onto Personal Menu mode.

1. Select a menu by pressing the Navigation keys, and press OK.
2. Find a submenu by repeating step 1, if necessary, and press MENU/AB to register.
3. Select an entry number by pressing the Navigation keys and press OK.

   The addresses already occupied are marked in gray. If you select one of them, a 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 **Icon** or **My Icon** using the Navigation keys and press OK.
5. Select an icon from the list by pressing the Navigation keys and press OK.

   The menu is added to Personal Menu mode.
6. To exit, press CLR or .

Delete *(OK-1-2)*

You can delete the registered menus from Personal Menu mode.

Select the menu that you want to delete and press OK.

Reset *(OK-1-3)*

This menu resets Personal Menu mode to its default status.

When a confirmation message appears, select **Yes** and press OK to reset. Select **No** to cancel your selection.

Menu Screen *(OK-2)*

In this menu, you can change the main menu icon or menu display order or color. You can also view the icons available.

Change Icon *(OK-2-1)*

Using this menu, you can change the icons for the menus already registered on Personal Menu mode.

1. Select the menu you want to change the icon by pressing the Navigation keys and press OK.
2. Select **Icon** or **My Icon** using the Navigation keys and press OK.
3. Select an icon from the list using the Navigation keys and press OK.

Change Order *(OK-2-2)*

You can change the order of the menus.

1. Select a menu you want to move by pressing I.Beam or ∞.
2. Press ☎ and move it by pressing I.Beam or ∞.
3. Press ✉ to fix the menu.
4. Press OK to save the change.

Set Color *(OK-2-3)*

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

1. Select the item you want to change by pressing ✉ or ☎.
2. Select the color you want by pressing I.Beam or ∞ and press OK.
3. Select the brightness of color using I.Beam or ∞ and press OK.

Theme Color *(OK-2-4)*

Using this menu, you can change the color for the theme.

Select a color by pressing ✉ or ☎ and press OK.

Icon List *(OK-2-5)*

You can view the icons available. The following options are available:

Icon: shows the default icons.

My Icon: shows the icons downloaded from the wireless web.

My Name *(OK-3)*

You can set the phone to display your own name on the idle screen.

For further details about entering characters, see page xx.

Text Slide *(OK-4)*

You can set the phone to display a greeting message that slides at the top of the idle screen.

1. Press .
2. If there is text already entered, press CLR to clear it. Enter the text of up to 32 characters.

   For further information about entering characters, see page xx.
3. Press OK to save your input.
4. Select **Set** to turn the feature on.

   If you want to turn the feature off, select **Cancel**.
5. Press OK to save the setting.

Dialpad Setup *(OK-5)*

This menu allows you to change the size or color of the number that displays when you enter a phone number to dial.

Size *(OK-5-1)*

You can select the size of the number that displays when you enter a phone number to dial.

Select either **Large** or **Small**.

Color *(OK-5-2)*

You can select the color of the number that displays when you enter a phone number to dial.

Language/שפה *(OK-6)*

You can change the display language. You may select either תירבע or **English**.

Note: The language setting does not affect the wireless web. The language in the web browser may vary, depending on your Internet services.

Flash *(OK-7)*

You can set whether or not you use the flash when you take a photo.

Select **Set** to use the flash. Otherwise select **Cancel**. Press OK to save the setting.

Phonebook

The **Phonebook** menu allows you to:

- find a Phonebook entry.
- view records of the calls you made, received, or missed.
- store names, each having up to 5 different numbers, and use them easily.
- 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.
- edit a caller group.
- reset your Phonebook.
- view your phone number.

Find Number *(MENU 1-1)*

This menu allows you to find entries stored in Phonebook using names, speed dial numbers, location, or in inverse order of entry, with the latest entry first.

By Name *(MENU 1-1-1)*

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

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

   For more information about entering text, see page xx.

2. Press OK.

   The phone searches for the names on the list containing those characters, and then displays the corresponding entries in alphabetical order.

3. Press I.Beam or OO to scroll to a name.

   Alternatively, you can access the following options by pressing MENU/OK on the list:

   - **Edit**: allows you to edit the name entry.
   - **SMS Send**: allows you to send a message to the selected number. For further details about sending a message, see page xx.
   - **Delete Name**: deletes the selected name entry.
   - **New**: allows you to add a new name entry.

4. If necessary, press ✉ or ☎ to find a number under the name.

5. Press ☎ to place a call to the number.

   Alternatively, press OK to view details about the name.

When you view the details, press MENU/OK to access the following options:

Edit: allows you to edit the name entry.

Delete: deletes the selected item.

By Number *(MENU 1-1-2)*

This menu allows you to find a stored number by entering a phone number.

1. Enter the phone number you want.
2. Press OK.
3. Follow step 3 in “By Name” on page 53.

By Location *(MENU 1-1-3)*

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

1. Enter the location number you want to find and press OK.

   The phone searches for the corresponding entry and highlights it.

2. If necessary, press MENU to access the following options:
   - **Change Speed#**: allows you to change the location number of the number.
   - **Cancel Speed#**: allows you to release the location number of the number.
3. Press to place a call to the number.

   Alternatively, press OK to view the details about the name.

When you view the details, press MENU to access the following options:

Edit: allows you to edit the name entry.

Delete: deletes the selected item.

By Time *(MENU 1-1-4)*

This menu allows you to search for a number using the time order you saved an entry.

When you access this menu, the Phonebook entries display, according to the order in which you saved your entries. The latest entry you saved displays on the top line.

For details about accessing an entry, follows the procedure step 3 on page xx.

Outgoing Call *(MENU 1-2)*

In this menu, you can view the records of up to 30 of the most recent phone calls you have dialed from your phone.

1. Press the Navigation keys to find a number or name, if saved in Phonebook.
2. Press OK to select the highlighted number.

   The dialed number, or name if stored in Phonebook, displays.

3.

To	Press
place a call	.
use the menu options	MENU. For details about the options, see below.
view other calls	or .
return to Standby mode	.

While viewing a call record, press to access the following options:

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

Delete: deletes the selected call record.

Incoming Call *(MENU 1-3)*

In this menu, you can view the records of up to 30 of the most recent phone calls placed to your phone.

For details about accessing a record or using the options, see “Outgoing Call” on page xx.

Missed Call *(MENU 1-4)*

In this menu, you can view the records of up to 30 of the most resent incoming calls that you failed to answer.

For details about accessing a record or using the options, see “Outgoing Call” on page xx.

Store Number *(MENU 1-5)*

This menu allows you to add a new name entry.

1. Press the Navigation keys to move through the fields and fill in each field as needed.
   - **Name**: Enter a name for the number. For further details about entering characters, see page xx.
   - **Home**/**Mobile**/**Office**/**Other**/**FAX**: Add a number in the Phone number field. You can enter a speed dial number in the box at the right side of the label. Notice that speed dialing is not available for fax numbers.
   - **E-mail**: Enter an e-mail address.
   - ללא קבוצה (Group): Select a caller group by pressing or . The ringer melody for the group also appears.
   - **Memo**: Enter a memo to remind you of the person.
2. When you are finished, press to save the entry.
3. Select **Yes** by pressing the Navigation keys to confirm your input and press .
4. Press CLR or to exit.

Call Alert *(MENU 1-6)*

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 ringer or image.

Edit Number *(MENU 1-6-1)*

You can change a caller ID image or ringer for a Phonebook entry.

1. Enter the name you want to find and press OK.

   You can also find an entry by using a phone number or location number.

2. Select an image category by pressing or and press .
3. Select the image you want by pressing or and press OK.
4. After registering, press CLR or to exit.

Set Number *(MENU 1-6-2)*

You can assign a special image to a number in Phonebook.

1. Enter the name you want to find and press OK.

   You can also find an entry by using a phone number or location number.

2. When the name you want highlights, press OK.
3. Select a ringer category by pressing or and press .

4. Select the ringer you want by pressing or and press OK.
5. Press OK to display image categories.
6. Select an image category using the Navigation keys and press OK.
7. Select the image you want using the Navigation keys and press OK.
8. After registering, press CLR or to exit.

Icon List *(MENU 1-6-3)*

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

Edit Group *(MENU 1-7)*

This menu allows you to add a new group and edit or delete the existing groups.

Adding a new group

1. From the group list, select a group by using the Navigation keys, and then press or OK.
2. Select **Add** and press OK.
3. Enter a name for the group and press OK.

   For more information about entering characters, see page xx.

4. Select a ringer category by pressing or and press .

5. Select the bell or melody you want by pressing or and press .
6. To exit, press CLR or .

Editing an existing group

1. From the group list, select the group you want to edit and then press or .
2. Select **Edit** by using the Navigation keys and press .
3. Clear the group name by pressing CLR .
4. Enter a new name and press .

   For more information about entering characters, see page xx.
5. Follow the procedure from step 4 on page xx.

Deleting an existing group

1. From the group list, select the group you want to delete and then press or .
2. Select **Delete** by using the Navigation keys and press .
3. To exit, press CLR or .

Reset Phonebook *(MENU 1-8)*

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

To access this menu, enter your 4-digit password.

Note: The password is preset to “0000” at the factory. To change this lock code, see page xx.

When the confirmation message appears, select **Yes** and press . To cancel the deletion, select **No**.

My Number *(MENU 1-#)*

You can view your phone number and model name of your phone using this menu.

To exit, press CLR or .

Internet/SMS

You can use this menu to:

- navigate the wireless web.
- send or receive SMS (Short Message Service) messages.
- send or receive e-mail messages.
- configure the settings for using your phone as a modem.
- configure the Internet settings.

VAS *(MENU 2-1)*

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.

Note: The Internet services may vary, depending on your service provider. For further details, contact your service provider.

Internet Portal *(MENU 2-1-1)*

Using this menu, you can launch the web browser.

Once connected, the homepage of your Wireless Web service provider or the last page you visited displays. What appears on the display when you are connected to the network may be different depending on your service provider. To view additional contents, press .

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

Using the soft keys

At the bottom of the browser display is a solid bar which contains browser commands. The 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 web browser

To	Press
scroll through the browser items	I.Beam or .
select the content	OK.
stop the current processing	CLR.
return to the startup homepage	or CLR for more than 2 seconds.
return to the previous page	CLR.

Using the browser options

While navigating the web browser, press and hold to access the following options:

Refresh: reloads the current web page with the updated information.

Input URL: allows you to manually enter a URL address of the web page you want to access.

Phone menu: enables you to use the phone's menu functions without exiting the web browser.

Homepage: takes you back to the homepage of your Wireless Web service provider.

Exiting the web browser

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

Games&Applications *(MENU 2-1-2)*

You can download and access Java games from the Wireless Web.

To play a game:

1. Select **Activate** and press . The list of the downloaded games displays.

   Notes:
   - You can change the display to the icon view or the list view by pressing .
   - To use the options, press .

2. Scroll to the game you want to play using the Navigation keys and press .

   For details about playing the game, see the on-screen help.

   Note: You can delete a game by pressing on the list and then press .

3. To quit the game, press .

To download a game:

1. Select **Download** and press .

   You are accessed to the web site preset by your service provider.

2. Scroll to the game you want to download using the Navigation keys and follow the instructions on the screen.

Ringtone *(MENU 2-1-3)*

You can download melodies from the Wireless Web and then set one as a your current ring tone.

To set a melody as your ringtone:

1. Select **Activate** and press . The list of the downloaded items displays.

   When you press , you can access the following options:

   Delete: allows you to delete the melody.

   Delete All: allows you to delete all of the melodies.

2. Scroll to the item you want by pressing the Navigation keys and press .

3. Press to set the melody as a ringer.

4. To exit, press .

To download melodies:

1. Select **Download**.
2. Press OK.

   You are accessed to the web site preset by your service provider.
3. Scroll to the item you want to download using the Navigation keys and follow the instructions on the screen.

You can also use them in the **Music Box** menu (**MENU 3-1**).

Animation *(MENU 2-1-4)*

You can download images from the Wireless Web and then set one as your wallpaper image for the idle screen.

To set an image as a wallpaper for the idle screen:

1. Select **Activate** and press OK. The list of the downloaded items displays.
2. Scroll to the item you want by pressing the Navigation keys and press OK.
3. When you view an image, press OK to set the image as an idle screen image.
4. To exit, press ⏻.

You can also use them in the **Image Box** menu (**MENU 3-2**).

Note: You can delete items in the **Image Box** menu (**MENU 3-2**). See page xx.

To download animate images:

1. Select **Download**.
2. Press OK.

   You are accessed to the web site preset by your service provider.
3. Scroll to the item you want to download using the Navigation keys and follow the instructions on the screen.

E-Mail *(MENU 2-1-5)*

Using this menu, you can create and send an e-mail using the web server. For details about using the E-Mail feature, see page xx.

SMS Info *(MENU 2-1-6)*

You can send an SMS query to receive information you want from the web server. Various topics, such as news, sports, entertainment, or finance are available.

1. Select the topic you want and press OK.
2. Scroll to the sub-option you want to download using the Navigation keys and press OK.

   The phone sends the query with the code, the selected topic and receives an SMS message containing the associated information.

What's New *(MENU 2-1-7)*

You can access the web site providing the latest news and information.

Navigate the browser, as needed, see page xx.

Message *(MENU 2-2)*

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

- read your text messages and listen to voice messages.
- send text messages.
- use the message templates.
- view how many messages you sent or received.

Incoming *(MENU 2-2-1)*

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 Standby mode and Talk mode. Messages can be received when the phone is locked, but you cannot access them. To review messages, you must unlock the phone.

When the memory is full and a new message comes in, the phone automatically erases the messages in the Incoming box from the oldest to receive the new one. If all of the messages are protected or not reviewed, the phone rejects new messages.

Reading text messages

1. Select **Text Msg**. on the Incoming screen using the Navigation keys and press .

   An indexed list of text messages displays. The first message is the latest one. A symbol on the left of the sender's name or number indicates the status of the message:

   - : Read messages
   - : Unread messages
   - : Locked messages

2. Select a message using the Navigation keys.

3.

To	Press
make a call to the sender	.
read the message text	.
erase the message	and select the **Delete** option.
delete all of the messages	and select the **Delete All** option.
delete the selected messages	and select the **Del Selected** option.

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

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

Resend: allows you to resend the message to other people.

Delete: deletes the message.

Save Number: allows you to save the phone number of the sender.

Protect: allows you to keep the message from being deleted. Locked messages are marked with the icon on the list. They are not deleted until you unlock by selecting this option.

Listening to voice messages

1. Select **Voice Msg** on the Incoming screen using the Navigation keys and press .

   The display shows you information about the latest voicemail, such as the time and date the mail was received and the caller's name or number.

2. Select a message using the Navigation keys.

3.

To	Press
listen to the voicemail	and follow the prompts from the voicemail server.
make a call to the voicemail server	.

Note: You can also press and hold in Standby mode to enter your Voice Mail Box.

Setting up the message alert

You can change the settings for the notification to inform you when a new message comes in using the **Set Alert** menu (**MENU 2-2-1-3**).

The following options are available:

Alert Time: when a message is received, your phone alerts you using the specified type in the **Alert Type** option below. You can set how often this will happen. Select one of the following options:

Once: The phone alerts you when you receive an incoming message and then alert you again after 2 minutes.

Every 2 min: The phone alerts every 2 minutes.

Off: The phone alert only once when you receive an incoming message.

Alert Type: allows you to select a type for the message alert.

Setting up the message display

Using the **Msg**. **Display** menu (**MENU 2-2-1-4**), you can set the phone to display the contents of a new text message when it comes in.

The following options are available:

Set: the phone displays the full contents of the message.

Cancel: the phone displays the New Message icon ( ) and text notification.

Setting up the SPAM exclusion

Using the **SPAM Exclusion** menu (**MENU 2-2-1-5**), you can set the phone to reject spam messages.

The following options are available:

SPAM Number: allows you to add or delete spam numbers that you designate as spam sending numbers.

SPAM String: allows you to enter a word or sentence to distinguish spam messages from other, legitimate new incoming messages. When you receive new messages including the word or sentence you entered, they are treated as spam messages.

SPAM Message: allows you to view spam messages that comes in.

SPAM Configure: allows you to set the SPAM Exclusion feature.

Outgoing *(MENU 2-2-2)*

Using this menu, you can create and send a text message, or name card. You can also view the messages you have sent or tried to send.

Sending a new text message

1. On the Outgoing screen, select **Write** and press OK.
2. Select **New Msg.** and press OK.
3. Enter a message and press OK.

   For further details about entering characters, see page xx.

4. When the phone asks if you want to save the message text, select **Yes** or **No** and press OK. If you select **Yes**, the message is saved in the **Recall Msg.** folder.
5. Enter the phone number of the destination using the number keypad.

   Pressing MENU/AB allows you to search for a number from Phonebook by a person or group's name. Notice that only the numbers with the label Mobile display. When you find the number, press * to place a check mark and press OK.
6. 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.
7. If necessary, repeat steps 5 and 6 to add more phone numbers. You can enter up to 20 numbers.
8. When you are finished, press OK.
9. If necessary, change the Callback number to which the recipient calls back.

   The default Callback number is your phone number.
10. Press OK to send the message.
11. When the message is send successfully, the display asks if you want to save it in the **Send Msgs** folder, select **Yes** or **No** and press OK.

    If the phone fails to send the message, the phone asks if you want to save it in the **Holding Msgs** folder. Select **Yes** or **No** and press OK.

Sending a message using a saved text

1. On the Outgoing screen, select **Write** and press OK.
2. Select **Recall Msg.** and press OK.
2. Select the text item you want using the Navigation keys and press OK.
3. Complete the message and press OK.
4. Follow the procedure from step 4 on page xx.

Sending a message using an emoticon

1. Select the emoticon you want to send and press OK.
2. Press MENU to access one of the following options:
   - **Send SMS**: allows you to send a message.
   - **Edit**: allows you to edit the message.
3. Select the **Send SMS** option and press OK.
4. Enter your message and press OK.
5. Follow the procedure from step 5 on page xx.

Setting message priority

Using the **Tx Rate** (**MENU 2-2-2-1-4**), you can set the priority level of the message from **Normal**, **Fast**, or **Urgent**.

Sending a voice memo

1. On the Outgoing screen, select **Voice Memo** using the Navigation keys and press OK.
2. Enter the phone number of the destination using the number keypad.

   Pressing MENU allows you to search for a number from Phonebook by a person or group's name. Notice that only the numbers with the label Mobile display. When you find the number, press * to place a check mark and press OK.
3. 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.
4. If necessary, repeat steps 2 and 3 to add more phone numbers. You can enter up to 10 numbers.
5. When you are finished, press OK.
6. If necessary, change the Callback number to which the recipient calls back.

   The default Callback number is your phone number.
7. Press OK.

   The phone dials to the voicemail server.
8. Follow the prompts from the voicemail server.

Sending a page

1. On the Outgoing screen, select **Page** using the Navigation keys and press OK.
2. Enter a destination number.

   Pressing MENU allows you to search for a number from Phonebook by a person or group's name. Notice that only the numbers with the label Mobile display. When you find the number, press * to place a check mark and press OK.
3. 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.
4. Enter the callback number you want and press OK.

Sending your name card

To send a name card:

1. On the Outgoing screen, select **Namecard** using the Navigation keys and press OK.
2. Select **Send Namecard** and press OK.
3. Enter a destination number.

   Pressing MENU allows you to search for a number from Phonebook by a person or group's name. Notice that only the numbers with the label Mobile display. When you find the number, press * to place a check mark and press OK.

4. 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.
5. Press OK to send the name card.

To create a name card:

1. On the Outgoing screen, select **Namecard** using the Navigation keys and press OK.
2. Select **Make Namecard** and press OK.
3. Enter your name and press ∞.

   For further details about how to enter characters, see page xx.
4. Enter your phone number and press ∞.
5. Enter the memo you want and press OK.
6. When a confirmation message displays, select **Yes** and press OK.

Reviewing sent or holding messages

You can store the sent messages after transmission. When the phone cannot send messages, you can also store them as holding messages for sending later.

1. On the Outgoing screen, select **Outgoing Box** using the Navigation keys and press OK.
2. Select **Sent Msgs** or **Holding Msgs** using the Navigation keys and press OK.
3.

To	Press
view the message	OK.
send the message	MENU and select the **Resend** option.
delete the message	MENU and select the **Delete** option.
delete all of the messages in the message box	MENU and select the **Delete All** option.

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

Resend: allows you to send the message.

Delete: deletes the message.

Msg Templates *(MENU 2-2-3)*

In this menu, you can save emoticons, which are short sequences of keyboard letters and symbols, usually emulating a facial expression, expressing a feeling that supplements the message.

Select the message using I.Beam or OO and press OK.

While viewing a message, press MENU to access following options:

Send SMS: allows you to send an SMS message using the text. For details, see page xx.

Edit: allows you to edit the message.

Message Log *(MENU 2-2-4)*

This menu shows you how many messages you have sent or received.

Press MENU to access the following options:

Initialize Tx.: resets the counter for the sent messages.

Initialize Rx.: resets the counter for the received messages.

E-mail *(MENU 2-3)*

You can use E-mail service, which allows you to send or receive e-mail messages.

For further details about this service and its availability, contact your service provider.

Set Modem *(MENU 2-4)*

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 need to obtain digital data/fax kit from your local Samsung dealer. This kit contains the necessary cables, software, and user's manual required for you to connect and use your phone with your computing device.

See 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.

Alert Type *(Menu 2-4-1)*

In this menu, you can set how you are alerted when the phone receives data and fax calls.

1. Select a ringer category by pressing or and press .
2. Select the bell or melody you want by pressing or .
3. Press to save the selection.
4. To exit, press CLR or .

Auto Receive *(MENU 2-4-2)*

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

The following options are available:

Cancel: The auto receive mode for data and faxes is turned off. Your phone can only send or receive voice calls.

Modem: Sets the phone automatically receive data.

Fax: Sets the phone to automatically receive a fax.

Tx Rate *(MENU 2-4-3)*

In this menu, you can select the speed for the communication between your phone and the computing device.

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

Internet Setup *(MENU 2-5)*

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

To access this menu, you need to enter the phone password. It is preset to “0000” at the factory.

The following options are available:

Initial URL: You can set the default URL address of the home page that is displayed first when you access the Internet.

Gateway: You can set the gateway address for connecting to the Internet.

Initialize: You can reset the Internet settings that you changed. To set the settings, enter the 4-digit password. When a confirmation message appears, select **Yes** and press OK.

Data Comm Setup: You can select the data transmission type.

Entertainment

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

- listen to the melodies downloaded from the wireless web or receive in the messages.
- view the images downloaded from the wireless web or receive in the messages and set one as your wallpaper for the idle screen.
- set the I-Beam feature.
- view the memory status for games, melodies, images, and so on.

Music Box *(MENU 3-1)*

This menu contains the bells and melodies to alert you to an incoming call. A bell or melody selected in this menu is used according to the setting in the **Ringer Type** menu (**MENU 8-1-1**). You can also play downloaded files using your phone as a MP3 player.

Setting a ringer bell

1. Select a ringer category using the Navigation keys and press OK.
2. Select a melody using the Navigation keys and press OK.

Using the Live Bell menu

When you download music files from the wireless web, you can use them in the **Live Bell** menu (**MENU 3-1-6**).

To play an MP3 file:

1. Move to the file you want using the Navigation keys and press OK.

   The selected files plays.

2.

To	Press
resume or play	I.Beam.
move backward in the file	✉.
move forward in the file	☎.
stop	∞.
adjust the volume	the Volume keys.

On the file list, press MENU to access the following options:

Set To Bell: allows you to set the selected melody as a current ringer.

Contents Info: show you information about the selected file.

Change Title: allows you to change the file name.

Enable/Disable: allows you to protect the selected file from being deleted.

Delete: deletes the selected file.

Delete All: allows you to delete all files.

Image Box *(MENU 3-2)*

You can set various animated images to display on the background of the display.

The following options are available:

Wallpaper: allows you to select an image to display on the idle screen.

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

Browser Conn.: allows you to select an image to display when you connect to the Internet.

Power On: allows you to select an image to display when you switch on the phone.

Power Off: allows you to select an image to display when you switch off the phone.

Delete Image: allows you to delete an image downloaded from the wireless web, photos you have taken, or videos you have recorded.

I-Beam *(MENU 3-3)*

This feature allows you to use the phone as a remote controller for various machines, such as a television or video player. You can also send or receive data to or from IrDA-compatible phones through the infrared port.

Remote Controller *(MENU 3-3-1)*

Using this menu, you can set the phone to act as a remote controller.

To set up as a remote controller:

1. Select **Room**, **LIVING**, or **ETC**. using or .

   You can designate the area in which the device the phone will control is located.

2. Press .
3. Use the Navigation keys to select the item you want to control.
4. Press .
5. Select the manufacturer of the item and press .
6. Align the IrDA port on the phone with the item you want.
7. Enter the number you want using or to set number you want to use. Repeat this step to add more numbers.
8. When you are finished, press .

To deactivate remote control:

1. Select **Room**, **LIVING**, or **ETC**. using or .

   You can designate the area in which the device the phone will control is located.

2. Press .
3. Select the item you want to deactivate and press .
4. Select one of the following options:
   - **Disable**: allows you to deactivated the selected items.
   - **Disable All**: allows you to deactivate all of the items you have registered.
5. When a confirmation message displays, select **Yes** and press .

Note: You can turn on or off machines you registered to be remotely controlled by the phone at one time. Select the space you want to control and press .

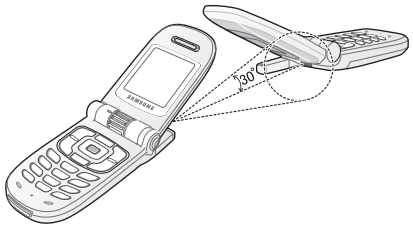
IrDA *(MENU 3-3-2)*

Using this menu, you can send or receive Phonebook entries or name cards.

Note: For optimal communication, the IrDA ports between the two phones should be within close range of each other.

Receiving data

1. Align the IrDA ports between the two phones, as shown.



2. Select **Rx Mode** on the Entertainment screen and press OK.

   The received data is automatically saved in the corresponding folder.

3. When you are finished, press .

Sending your name card

1. Align the IrDA ports between the two phones.
2. Select **Send Namecard** on the Entertainment screen and press OK.
3. When you are finished, press .

Sending your Phonebook entries

To send all of the entries in your Phonebook:

1. Select **Send Phonebooks** on the Entertainment screen and press OK.
2. Select **Total** and press OK.
3. Align the IrDA ports between the two phones.
4. When you are finished, press .

To send caller group entries:

1. Select **Send Phonebooks** on the Entertainment screen and press OK.
2. Select **Group searching** and press OK.
3. Scroll through the list and press MENU to select a caller group. Repeat this step to select more caller groups.
4. Press OK.
5. Align the IrDA ports between the two phones.
6. When you are finished, press .

To send a selected Phonebook entry:

1. Select **Send Phonebooks** on the Entertainment screen and press OK.
2. Select **Find Number** and press OK.
3. Select the searching method and press OK.
4. Enter a location number, name, or phone number and press OK.
5. Scroll through the list using the Navigation keys.

6. Align the IrDA ports between the two phones.

7. Press to send the selected entry.

   Alternatively, press to access the following options:

   - **One**: allows you to send the selected entry using the IrDA port.
   - **Total**: allows you to send all Phonebook entries using the IrDA port.

8. When you are finished, press .

Memory Status *(MENU 3-4)*

You can check the amount of memory being used and the remaining memory available for games, melodies, images, media files, and remote control functions.

The displays shows the Total, Used, and Free memory for various programmes.

Game: shows the list of applications downloaded from the wireless web.

Music: shows the list of downloaded music files, such as bells or melodies.

Images: shows the list of downloaded image files.

Media: shows the list of downloaded media files.

Remocon: shows the list of item registered to accept the phone as a remote control device.

When you select an item from the list, the display shows its memory size at the bottom. You can change the sort order of the file list by pressing or .

You can also delete the selected item or all of the items by pressing .

Organizer

The **Organizer** feature enables you to:

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

Morning Call *(MENU 4-1)*

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 wake-up call.

To set a wake-up call:

1. When the **Morning Call** menu highlights, press OK.
2. Press MENU and select one of the following options:
   - **Morn. Call Time**: enter the time you want the alarm to ring using the number keypad. You need to enter the time in 24-hour format.
   - **Melody**: select the ringer type and then the melody or bell.
   - **Interval**: select a repeat option for the alarm to ring from **Daily**, **Mon. to Sat.** or **On Mon to Fri.**.
   - **Repeat**: select how often the phone informs you of the morning call.

3. After changing the settings, press OK.
4. Repeat steps 2 to 3, if necessary.
5. When you are finished, select **Set**.
6. Press OK to save the setting.

To cancel the weekday alarm, access the **Morning Call** menu (**MENU 4-1**) and select **Cancel**.

Note: The morning call sounds even when your phone is in Manner mode (see page xx).

Alarm Clock *(MENU 4-2)*

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

To set an alarm:

1. Select **Alarm 1** or **Alarm 2** and press OK.
2. When an alarm screen appears, press MENU.
3. Select one of the following options and press OK:
   - **Alarm Time**: enter the time when the alarm sounds using the number keypad. You need to enter the time in 24-hour format.
   - **Melody**: select the ring type and then the melody or bell.
   - **Interval**: select a repeat option for the alarm to ring from **Once** or **Daily**.
4. After changing the settings, press OK.
5. Repeat steps 2 and 4, if necessary.

6. When you are finished, select **Set**.

7. Press to save the setting.

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

Note: Keep in mind that the alarm dose not sound when your phone is in Manner mode.

To cancel an alarm, access it and select **Cancel** on the Alarm Clock screen.

Scheduler *(MENU 4-3)*

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

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 following 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.

On the Scheduler view, you can access the following options by pressing :

Set Schedule: allows you to add a new event.

Delete All: deletes all of the events stored on the calendar.

Scheduling a new event

1. Select a day on the Schedule view, referring to "Selecting a day on the calendar view" on page xx and press .
2. If necessary, change the date and press .
3. Enter the time for the event in a 24-hour format.

   The Contents field automatically highlights.
4. Press and enter your event information.

   For further information about entering characters, see page xx.
5. Press to accept your input.

6. Specify when an alarm will inform you of your schedule by pressing or , and press .
7. Select a ring category using or and press .
8. Select a bell or melody using or .
9. Press .
10. Press to save the event.

Viewing a scheduled event

Select a day on the Calendar view, referring to "Selecting a day on the calendar view" on page xx and press . The list of the events on the selected day appears.

If more than one event is scheduled, press or to scroll to an event. Press to edit the event information.

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

Edit: allows you to edit the selected event.

Add: allows you to add a new event.

Delete: deletes the selected event.

Memo Pad *(MENU 4-4)*

You can make up to 10 memos of important things you need to remember.

Writing a new memo

1. Enter what you need to remember.

   For further details about entering characters, see page xx.

2. Press to save the memo.

Viewing a memo

When you access the **Memo Pad** menu (**MENU 4-4**), a list of the memos you saved displays.

Scroll through the list by pressing or until the memo you want highlights and:

- Press to view details.

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

  Edit: allows you to edit the selected memo.

  Delete: deletes the selected memo.

- Press to access the following options:

  New Memo: allows you to create a new memo.

  Delete: deletes the selected memo.

  Delete All: allows you to delete all memos.

Calculator *(MENU 4-5)*

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

To perform a calculation:

1. Enter the first number using the numeric keys.

   Note: Use * to enter a decimal point and # to change the sign of a number to a negative (-).

2. Set the operation for your calculation by pressing one of the Navigation keys according to the illustration on the display; + (add), - (subtract), x (multiply), ÷ (divide).

3. Enter the second number and press OK to get the result.

4. Repeat steps 1 and 3 as many times as required.

5. Press to exit.

Worldtime *(MENU 4-6)*

In this menu, you can check the current time in another part of the world.

Press the Navigation keys to scroll to the time zone you want to check.

D-Day Plus *(MENU 4-7)*

This menu helps you know how much time it takes for you to do something or how many months, days, hours, and minutes until a specific event occurs.

Creating a timer

1. Enter a name for your timer and press OK.

   For more information about how to enter characters, see page xx.

2. Enter the time from which you want to count down.

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

3. Enter the date from which you want to count down.

   Note: You can enter between 1981 and 2099 for the year.

4. Press OK to save the timer.

Viewing a timer

When you access the **D-Day Plus** menu (**MENU 4-7**), a list of the timers you saved displays.

Scroll through the list using the navigation keys and:

- Press OK to view the timers. The displays shows the specified time and date, and how many days, hours, and minute remains or have passed.

While viewing a timer, press to access the following options:

Edit: edits the selected timer.

Delete: deletes the selected timer.

- Press to access the following options:

Add: creates a new timer.

Delete: deletes the selected timer.

Delete All: deletes all of timers.

3GTV-Video

The **3GTV-Video** feature enables you to:

- download video files and music from the wireless web.
- access color TV in real time using a built-in TV tuner that receives TV broadcasts directly from your local stations.
- send or receive a video mail.

Video Portal *(MENU 5-1)*

Using this menu, you can access the web site preset by your service provider to view video clips supplied by your service provider. For further details, contact your service provider.

Music *(MENU 5-2)*

Using this menu, you can download music files from the web site preset by your service provider and play them using your phone as a MP3 player.

Download Music *(MENU 5-2-1)*

Selecting this menu loads the web site preset by your service provider to download MP3 files. For further details, contact your service provider.

Playlist *(MENU 5-2-2)*

When you access this menu, a list of the files downloaded from the wireless web.

Playing a media file

1. Scroll to the file you want using the Navigation keys.
2. Press .

   The selected file plays.
3.

To	Press
pause or resume	.
move forward in the file	.
move backward in the file	.
view the file list	.
adjust the volume	the Volume keys.

On the file list, press to access the following options:

Contents Sorting: allows you to change the sort order of the files.

Contents Info: shows you information about the selected file.

Change Title: allows you to change the file name.

Enable / Disable: allows you to protect the selected file from being deleted.

Delete: deletes the selected file.

Delete All: allows you to delete all files.

Note: You can add media files to the My List or Music Play List folder. Scroll through the list using the Navigation keys and press or to place a check mark by a file respectively.

Using the My List folder

After adding media files to the My List folder, you can play them.

On the Contents screen, press when **My List** highlights. Scroll to the file you want using the Navigation keys and press to play. For further details about playing a file, see “Playing a file” on page xx.

On the MyList screen, press to access the following options:

Play Mode: allows you to select a play mode. The following options are available:

Selected File: allows you to play the currently selected file. You can select how many the phone plays the selected file.

Repeat Play: allows you to play the selected files.You can select how many the phone plays the selected file.

Random Play: allows you to ??

Change Order: allows you to change the sort order of the files.

Contents Info: shows you information about the selected file.

Discard: deletes the selected file.

Discard All: allows you to delete all files.

Using the Music Play List folder

After adding media files to the Music Play List folder, you can play them. You can also play them with the phone closed.

On the Contents screen, press when **Music Play List** highlights. Scroll to the file you want using the Navigation keys and press to play. For further details about playing a file, see “Playing a file” on page xx.

On the Music List screen, you can access various options. For further details, see page xx.

To play a file with phone closed:

1. Press and hold .

   A file name display.

2. Scroll through the file list using or or the Volume keys until the file you want highlights.

3.

To	Press
play or pause	.
move forward in the file	.
move backward in the file	.
adjust the volume	the Volume keys.

Broadcast Channel *(MENU 5-3)*

Data required!!

Downloads *(MENU 5-4)*

Using this menu, you can download various media files. You can also play them.

Video Download *(MENU 5-4-1)*

Selecting this menu loads the web site preset by your service provider to download video clips. For further details, contact your service provider.

My Box *(MENU 5-4-2)*

In this menu, you can access the media files you downloaded from the wireless web. For further details about using items, see page xx.

Download Setting *(MENU 5-4-3)*

In this menu, you use various media item, such as MP3 files, music videos, and video clips. You can also set one as a wallpaper image or ringer.

Using a MP3 file

You can play MP3 files stored in the **Live Bell** menu (**MENU 5-4-3-1**). For further details about playing a file and using options, see page xx.

Note: You can set one as a ringer by pressing and selecting the **Set To Bell** option.

Using a music video

You can play music videos stored in the **Live screen** menu (**MENU 5-4-3-2**). For further details about playing a file and using options, see page xx.

Note: You can set one as your wallpaper for the idle screen by pressing and selecting the **Setup Animation** option.

Using a downloaded video clip

You can play video clips stored in the **Downloaded Video** menu (**MENU 5-4-3-3**). For further details about playing a file and using options, see page xx.

Note: You can set one as your wallpaper for the idle screen by pressing and selecting the **Setup Animation** option.

Video Mail *(MENU 5-5)*

In this menu, you can send the video file you recorded or video files downloaded from the wireless web to other people by inserting them to a text message. You can also receive messages containing a video.

Write New VideoMail *(MENU 5-5-1)*

Sending a message using a new video

1. Select **With New Video** and press .

   The camera turns on and the display switches to Record mode.

2. Adjust the image by rotating the camera module and aming it at the subject.
3. Press or to start recording.
4. When you are finished, press .

   Otherwise, the phone will automatically stop when the recording time expires.
5. If necessary, clear the default name using .
6. Enter a video name and press .
7. Enter a subject of your message and press .
8. Write a message and press .
9. Enter the destination number.

   Pressing gives you options which allow you to find a phone number or e-mail address stored in your Phonebook. You can also directly enter an e-mail address by selecting the **Email Input** option.
10. To send the message to more than one person, press to fill in another destination field.
11. Repeat steps 9 and 10 to add more destinations. You can enter up to 5 numbers or addresses.

    Note: You will be billed for each destination.
12. When you are finished, press .
13. Select **Send now** and press . When the phone fails to send the message, it asks you if you want to save the message in the **Draft Video Mail** folder. Select **Yes**. Otherwise select **No**.

To send the message later, select **Send later**. Enter the time and date you will send the message.

Sending a message using a stored video

In this menu, you can send a message using a video you recorded or downloaded from the wireless web.

1. Select **With Stored Video** or **With Download Video** and press OK.
2. Select the video you want by pressing the Navigation keys and MENU/OK.
3. Select the **Send Video Mail** option and press OK.
4. Follow the procedure from step 7 on page xx.

Sent Video Mail *(MENU 5-5-2)*

In this menu, you can review the video mail you have sent.

1. Scroll to the message you want using the Navigation keys and press OK.
2. To scroll through the message press I.Beam or ☎.
3. To view the video clip, press OK.

   Alternatively, press MENU/OK twice to resend the message.

4.

To	Press
pause or resume	I.Beam.
move forward in the video clip	☎.
move backward in the video clip	✉.
view the file list	☎.
adjust the volume	the Volume keys.

On the message list, press MENU/OK to access the following options:

Delete: deletes the message.

Delete all: allows you to delete all of the messages.

Draft Video Mail *(MENU 5-5-3)*

Using this menu, you can save messages you have failed to send.

For further details about viewing a message, see “Sent Video Mail” above.

Received Video Mail *(MENU 5-5-4)*

When you save the received messages from the web server to your phone's memory, your phone stores them in this menu.

1. Scroll to the message you want using the Navigation keys and press OK.
2. To Scroll through the message, press I.Beam or .
3. To view the video clip, press OK.

   Alternatively, press MENU twice to resend the message.

4.

To	Press
pause or resume	I.Beam.
move forward in the video clip	.
move backward in the video clip	.
view the file list	.
adjust the volume	the Volume keys.

On the message list, press MENU to access the following options:

Delete: deletes the message.

Delete all: allows you to delete all of the messages.

Configuration *(MENU 6-5-5)*

In this menu, you can change the default settings for sending or receiving a video mail.

Indicated NUM: When this option is activated, the recipient can see your phone number in your message.

Indicated S_Result: When this option is activated, the network sends you the report message showing whether or not your message is delivered.

Indicated R_Result: When this option is activated, the network sends you the report message showing whether or not your message is read by the recipient.

To change a setting:

1. Select an option and press OK.
2. Select **Set** to activate the option and press OK.

   If you do not want to use the option, select **Cancel**.

   After saving your setting, the display returns to the Configuration screen.
3. To set another option, repeat from step 1.
4. To exit, press CLR or .

Configuration *(MENU 5-6)*

In this menu, you can change the default settings for the 3GTV-Video feature.

Music Skin *(MENU 5-6-1)*

You can change the image to be displayed on the screen while playing MP3 files.

Scroll to the image you want using the Navigation keys and press OK.

Memory Info *(MENU 5-6-2)*

You can view the Total, Used, and Free memory space for media contents, photos, and videos.

You can also view memory space in use for Contents and for Photos and for VClips.

Live Screen Set Up *(MENu 5-6-3)*

Data required!

Bass Booster *(MENU 5-6-4)*

Data required!!

Digital Camcorder

Using the camera module embedded in your phone, you can take photos of people or events while on the move and send them to other phones using a message. The camera produces JPEG photos.

You can also record a video by using your phone as a camcorder.

CAUTION:
- Do not take photos of people without their permission.
- Do not take photos in a place where cameras are not allowed.
- Do not take photos in a place where you may interfere with another person's privacy.

Recording *(Menu 6-1)*

In this menu, you can take a photo in a still image or multi-shot. You can also record a video using the camera. The camera produces JPEG photos and mp4 video clips.

Note: When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

Taking a photo

1. On the Digital Camcorder screen, choose **Photo Shot** to take a single photo or **Multi Shot** to take a series of action stills and press OK.

2. Adjust the image by rotating the camera module and aiming it at the subject.

   The captured image displays on the full screen.

   Notes:
   - You can use the camera options by pressing . For details, see below.
   - You can change the image settings by using the keypad. For details, see page xx.

3. Press OK or to take the photo.

4. Press OK to save the photo.

   If you want to discard the image and go back to Capture mode, press .

5. If necessary, clear the default name using CLR.

6. Enter a photo name and press OK.

   For further details about how to enter characters, see page xx.

Using the options in Capture mode

When you press in Capture mode, the following options are available for the current shot:

Save Size: allows you to select an image size, **640x480**, **176x144**, or **128x96**.

Image Quality: allows you to select an image quality, **High**, **Mid**, or **Low**.

Flash On/Off: allows you to turn on or off the flash on the front of the phone.

Special Effect: allows you to change the color tone or apply a special effect to the photo.

Self Timer: allows you to set the phone to take a photo at a predefined time. Press I.Beam or to select a time delay and select **Start**. When you press or OK, the timer starts counting down.

Enable Space: shows the available memory space for photos.

Daylight Add on: allows you to use the backlight compensation feature. In the case of a very bright back ground or a strong spot light behind the main object is unavoidable the camera will take all of the incoming lights average it and decide the exposure index. The taken picture may be too dark to see. This feature is used to solve this problem. This options is not available in Multi shot mode.

Photo Album: switches to the Photo Album menu (**MENU 6-2**). For further details, see page xx.

VGA Normal Screen/VGA Full Screen: switches to between Normal screen mode or Full screen mode.

Using the keys in Capture mode

You can use the number keys to customise your camera settings when you are in Capture mode.

To	Press
flip the image vertically	.
view the mirror image	.
change the camera mode	or .
change the image brightness	or .
change the image size	.
select an image quality	.
turn on or off the flash	.
change the color tone or apply a special effect to the phone	.
set a timer	.
view the available memory space	.
remove white line on the display	.
switch to the **Photo Album** menu (**MENU 6-2**)	.

Recording a video

1. On the Digital Camcorder screen, choose **Video Recording** and press .

   The image to be captured appears on the display.

2. Adjust the image by rotating the camera module and aiming it at the subject.

   Notes:
   - You can use the camera options by pressing . See page xx.
   - You can change the image settings by using the keypad. For details, see page xx.

3. Press or to start recording.

4. When you are finished, press .

   Otherwise, the phone will automatically stop when the recording time expires.

5. If necessary, clear the default name using .

6. Enter a video name and press .

   For further details about how to enter characters, see page xx.

The phone saves the video in the **Video Album** menu (**Menu 6-3**), and returns to Record mode.

Using the options in Record mode

When you press in Record mode, the following options are available for the current shot:

Image Quality: allows you to select an image quality, **High**, **Mid**, or **Low**.

Special Effect: allows you to change the color tone or apply a special effect to the photo.

Self Timer: allows you to set the phone to take a photo at a predefined time. Press or to select a time delay and select **Start**. When you press or , the timer starts counting down.

Enable Space: shows the available memory space for videos.

For Mail/Save: allows you to select one of the following options.

For Mail: allows you to record a video for adding to a video mail.

For Save: allows you to record a video within the limited of the current available memory. How long your video can be depends on how much memory is used.

VClip Album: switches to the **Video Album** menu (**MENU 6-3**). For details, see page xx.

Using the keys in Record mode

You can use the number keys to customise your camera settings when you are in Record mode.

To	Press
flip the image vertically	.
view the mirror image	.
change the camera mode	or .
change the image brightness	or .
change the image size	.
select an image quality	.
change the color tone or apply a special effect to the phone	.
set a timer	.
view the available memory space	.
switch between Mail mode and Save mode.	.
switch to the **Video Album** menu (**MENU 6-3**)	.

Photo Album *(MENU 6-2)*

When you access this menu, the list of the photos you have taken displays. Scroll through the list using the Navigation keys and press OK to view the selected photo on the full screen. In this mode, you can scroll through the photos using the Navigation keys. To go back to the photo list, press OK again.

While viewing a photo, press MENU to access the following options:

Send Photo Mail: allows you to send a photo mail. For further details about sending a photo mail, se page xx.

Setup Animation: allows you to set the photo as a power on or off image, wallpaper image for the idle screen, or incoming call image.

Enable/Disable: allows you to protect the photo from being deleted.

Change Title: allows you to change the photo's name.

File Info: shows information about the selected photo.

Delete: deletes the photo.

Delete All: deletes all of the photos in your Photo Album.

VGA Normal Screen/VGA Full Screen: switches to between Normal screen mode or Full screen mode.

Video Album *(Menu 6-3)*

In this menu, you can view videos you have recorded. When you access this menu, a list of the videos you have recorded displays.

1. Scroll to the video you want to view using the Navigation keys.
2. Press OK to play the video you selected.
3.

To	Press
pause or resume	I-Beam.
move forward in the video clip	.
move backward in the video clip	.
view the file list	.
adjust the volume	the Volume keys.

On the file list, press MENU to access the following options:

Send Video Mail: allows you to send the video as a part of a video mail. For further details about sending a video mail, see page xx.

Setup Animation: allows you to set the video as a power on or off image, or wallpaper image for the idle screen.

Add Melody List: allows you to set the selected video file as a ringer melody or add it to the alert sound list.

Enable/Disable: allows you to protect the video from being deleted.

Change Title: allows you to change the name.

File Info: allows you to view information about the selected video.

Delete: deletes the currently selected video.

Delete All: allows you to delete all of the videos stored in your phone.

Note: You can add video clips to the My List folder. Scroll through the list using the Navigation keys and press to place a check mark by a video file. For further details about using the My List folder, see page xx.

Photo Mail *(MENU 6-4)*

This menu allows you to send the image you captured to other people by inserting them to a text message. You can also receive messages containing a photo.

Send Photo Mail *(MENU 6-4-1)*

Sending a message using a new photo

1. Select **With New Photo** and press .

   The camera turns on and the display switches to Capture mode.

2. Take and save a photo by following steps 2 to 6 on page xx.

3. Enter a subject of your message and press .

4. Write a message and press .

5. Enter the destination number.

   Pressing gives you options which allow you to find a phone number or e-mail address stored in your Phonebook. You can also directly enter an e-mail address by selecting the **Email Input** option.

6. To send the message to more than one person, press to fill in another destination field.

7. Repeat steps 5 and 6 to add more destinations. You can enter up to 5 numbers or addresses.

   Note: You will be billed for each destination.

8. When you are finished, press .

9. Select **Send now** and press . When the phone fails to send the message, it asks you if you want to save the message in the **Filed MSG** folder. Select **Yes**. Otherwise select **No**.

   To send the photo mail later, select **Send later**. Enter the time and date you will send the message and press .

Sending a message using a stored photo

1. Select **With Saved Photos** and press .

   The display shows the list of photos stored in Photo Album.

2. Select the photo you want by pressing the Navigation keys and press .

   The selected photo displays.

3. Press to enter a subject of your message.

4. Follow the procedure from step 3 on page xx.

Outbox *(MENU 6-4-2)*

In this menu, you can review the messages you have sent.

1. Scroll to the message you want using the Navigation keys and press .
2. To Scroll through the message, press or .
3. To view the video clip, press .

   Alternatively, press twice to resend the message.

4.

To	Press
pause or resume	.
move forward in the video clip	.
move backward in the video clip	.
view the file list	.
adjust the volume	the Volume keys.

On the message list, press to access the following options:

Delete: deletes the message.

Delete all: allows you to delete all of the messages.

Filed MSG *(MENU 6-4-3)*

Using this menu, you can save messages you have failed to send.

For further details about viewing a message, see “Outbox” above.

Inbox *(MENU 6-4-4)*

When you save the received messages from the web server to your phone’s memory, your phone stores them in this menu.

Scroll to the message you want using the Navigation keys and:

- Press to view the message. To scroll through the contents, press or .

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

  Forward: allows you to resend the message.

  Delete: deletes the message.

- Press to access the following options:

  Delete: deletes the message.

  Delete all: allows you to delete all of the messages.

Configuration *(MENU 6-4-5)*

In this menu, you can change the default settings for sending or receiving a photo mail.

Indicated NUM: When this option is activated, the recipient can see your phone number in your message.

Indicated S_Result: When this option is activated, the network sends you the report message showing whether or not your message is delivered.

Indicated R_Result: When this option is activated, the network sends you the report message showing whether or not your message is read by the recipient.

PhotoMail Config: When this option is activated,

To change a setting:

1. Select an option and press OK.
2. Select **Set** to activate the option and press OK.

   If you do not want to use the option, select **Cancel**.

   After saving your setting, the display returns to the Configuration screen.
3. To set another option, repeat from step 1.
4. To exit, press CLR or .

Video Mail *(MENU 6-5)*

This menu allows you to send the video file you recorded or video files downloaded from the wireless web to other people by inserting them to a text message. You can also receive messages containing a video.

Send video Mail *(MENU 6-5-1)*

Sending a message using a new video

1. Select **With New Video** and press OK.

   The camera turns on and the display switches to Record mode.
2. Take and save a video by following steps 2 to 6 on page xx.
3. Enter a subject of your message and press OK.
4. Write a message and press OK.
5. Enter the destination number.

   Pressing MENU gives you options which allow you to find a phone number or e-mail address stored in your Phonebook. You can also directly enter an e-mail address by selecting the **Email Input** option.
6. To send the message to more than one person, press to fill in another destination field.
7. Repeat steps 5 and 6 to add more destinations. You can enter up to 5 numbers or addresses.

   Note: You will be billed for each destination.

8. When you are finished, press .

9. Select **Send now** and press . When the phone fails to send the message, it asks you if you want to save the message in the **Filed MSG** folder. Select **Yes**. Otherwise select **No**.

   To send the message later, select **Send later**. Enter the time and date you will send the message.

Sending a message using a stored video

In this menu, you can send a message using a video you recorded or downloaded from the wireless web.

1. Select **With Stored Video** or **With Download Video** and press .
2. Select the video you want by pressing the Navigation keys and .
3. Select the **Send Video Mail** option and press .
4. Follow the procedure from step 3 on page xx.

Outbox *(MENU 6-5-2)*

In this menu, you can review the video mail you have sent.

1. Scroll to the message you want using the Navigation keys and press .
2. To scroll through the message press or .
3. To view the video clip, press .

   Alternatively, press twice to resend the message.

4.

To	Press
pause or resume	.
move forward in the video clip	.
move backward in the video clip	.
view the file list	.
adjust the volume	the Volume keys.

On the message list, press to access the following options:

Delete: deletes the message.

Delete all: allows you to delete all of the messages.

Filed MSG *(MENU 6-5-3)*

Using this menu, you can save messages you have failed to send.

For further details about viewing a message, see “Outbox” above.

Inbox *(MENU 6-5-4)*

When you save the received messages from the web server to your phone's memory, your phone stores them in this menu.

1. Scroll to the message you want using the Navigation keys and press OK.
2. To scroll through the message press I.Beam or .
3. To view the video clip, press OK.

   Alternatively, press MENU twice.

4.

To	Press
pause or resume	I.Beam.
move forward in the video clip	.
move backward in the video clip	.
view the file list	.
adjust the volume	the Volume keys.

On the message list, press MENU to access the following options:

Delete: deletes the message.

Delete all: allows you to delete all of the messages.

Configuration *(MENU 6-5-5)*

In this menu, you can change the default settings for sending or receiving a video mail.

Indicated NUM: When this option is activated, the recipient can see your phone number in your message.

Indicated S_Result: When this option is activated, the network sends you the report message showing whether or not your message is delivered.

Indicated R_Result: When this option is activated, the network sends you the report message showing whether or not your message is read by the recipient.

To change a setting:

1. Select an option and press OK.
2. Select **Set** to activate the option and press OK.

   If you do not want to use the option, select **Cancel**.

   After saving your setting, the display returns to the Configuration screen.
3. To set another option, repeat from step 1.
4. To exit, press CLR or .

Setup *(MENU 6-6)*

Using this menu, you can lock your photos, videos, photo mails, or video mails. You can also change the default sounds to be used when you are using the camera.

Lock Photos *(MENU 6-6-1)*

In this menu, you can lock the **Photo Album** menu to keep it from being accessed by unauthorized people. Once the menu is locked, you need to enter the lock code to access it. Select **Lock** and press OK.

Lock Videos *(MENU 6-6-2)*

In this menu, you can lock the **Video Album** menu to keep it from being accessed by unauthorized people. Once the menu is locked, you need to enter the lock code to access it. Select **Lock** and press OK.

Lock Photo Mail *(MENU 6-6-3)*

In this menu, you can lock the **Photo Mail** menu to keep it from being accessed by unauthorized people. Once the menu is locked, you need to enter the lock code to access it. Select **Lock** and press OK.

Lock Video Mail *(MENU 6-6-4)*

In this menu, you can lock the **Video Mail** menu to keep it from being accessed by unauthorized people. Once the menu is locked, you need to enter the lock code to access it. Select **Lock** and press OK.

Camera Sound *(MENU 6-6-5)*

In this menu, you can change the camera sounds.

1. Select a shutter release sound using ✉ or ☎ and press ∞.
2. Select a sound to indicate the camera is ready for use using ✉ or ☎ and press ∞.
3. Select a self-timer sound using ✉ or ☎ and press OK.

Voice Tools

In this menu, you can use the phone's voice features, allowing you to:

- record a voice memo.
- set the phone to answer a call and record the caller's message.

Voice Memo *(Menu 7-1)*

This menu allows you to record voice memos.

Record *(Menu 7-1-1)*

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

   While you are recording, a timer displays to show you the elapsed time.

   You can pause recording by pressing and then resume by pressing .

2. Press to end recording. The screen provides you with the following choices:

   - **Review**: allows you to review the voice memo. The screen displays the length of the memo.
   - **Rerecord**: allows you to discard the current memo and record another one.
   - **Save**: allows you to save the voice memo.

3. When you are satisfied, select the **Save** option and press .

4. Enter a title for the memo and press .

   For further details about entering text, see page xx.

Review *(Menu 7-1-2)*

When you access this menu, a list of the voice memos you recorded displays.

Scroll through the list using the Navigation keys and press to listen to the selected voice memo.

You can pause the playback by pressing and then resume by pressing . To stop, press .

On the Voice Review screen, press to access the following options:

Play: plays the selected voice memo.

Info: allows you to view the information about the memo, such as memory size, recording time, and the time and date it was saved.

Erase: erases the selected memo.

Erase All: allows you to erase all of the memos stored in your phone.

Voice Answer *(Menu 7-2)*

If you are not able to answer an incoming call, you can set your phone to answer a call with the default greeting message and record the caller's message. As this feature shares the memory with voice memos, the total length of messages is dependent on the available memory minus any voice memos.

On / Off *(Menu 7-2-1)*

Using this menu, you can set whether or not the phone use the Answering Machine feature when a call comes in.

When this menu is set to **Set**, the corresponding icon (??) along with the numbers of messages that callers recorded displays on the idle screen.

Inbox *(Menu 7-2-2)*

You can listen to the callers' messages recorded in your phone. When you access this menu, a list of the recorded messages appears.

An icon displayed in the list means the message status:

- ??: displays when you haven't checked a message.
- ??: displays when you have checked a message.

For further details about listening to a message and using message options, see page 135.

Screening *(Menu 7-2-3)*

In this menu, you can enable or disable the screening speaker which allows you to listen to the caller's message while the caller is leaving it.

Wait Time *(Menu 7-2-4)*

In this menu, you can set how long the phone waits before answering a call with the greeting message.

Record Greeting *(Menu 7-2-5)*

Your phone provides you with the default greeting message to be played when a call comes in. You can also record up to 3 own greeting messages.

1. Select one of the entries and press OK.
2. Follow the procedure from step 1 on page xx.

Setup

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

Sounds *(Menu 8-1)*

You can use this menu to customise various sound settings.

Ringer Type *(Menu 8-1-1)*

In this menu, you can set the unique ringer melodies for incoming calls and messages.

The following options are available:

Bell / Melody: the phone rings using the selected tone or melody.

Vibrate: the phone vibrates but does not ring.

Lamp: the service light flashes; the phone rings or vibrate.

Vibrate&Bell: the phone first vibrates and then starts ringing.

Bell&Vibrate: the phone first rings and then vibrates.

Ringer Volume *(Menu 8-1-2)*

In this menu, you can adjust the ringer volume for incoming calls.

Use or or the Volume keys on the right side of the phone to increase or decrease the volume.

Key Tone Type *(Menu 8-1-3)*

In this menu, you can select the tone that the phone sounds when you press a key.

On Time Sound *(Menu 9-1-4)*

You can set your phone to sound an alert every hour on the hour.

1. Enter the time period when the phone uses the hour alert using the number keypad and press .
2. Select an alert type using or and press .
3. Select **Set** and press .

Function Sound *(Menu 8-1-5)*

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

Type: allows you to select one of the 2 alert tones.

Function Select: You can turn on or off each alert. The following alerts are available:

Confirm/Save: When this alert is selected, the phone sounds an alert when you save your selection or change a menu function.

Cancel/Warning: When this alert is selected, the phone sounds an alert when you cancel your selection or change when a confirmation message appears.

Folder: When this alert is selected, the phone sounds an alert when you open or close the phone.

Power: When this alert is selected, the phone sounds an alert when you turn on or off the phone.

Connect: When this alert is selected, the phone sounds a connect tone when your call is connected to the system.

Release: When this alert is selected, the phone sounds a disconnect tone when a call is disconnected.

To turn on an alert:

1. Select an alert using t.Beam or .
2. Press * to place a check mark in front of the alert you want to turn on.

   To remove the check mark, press * again.

3. To select more alerts, repeat steps 1 and 2.
4. When you are finished, press OK.

Display / Light *(Menu 8-2)*

In this menu, you can change the time settings for the backlight and the service light.

Main LCD light *(Menu 8-2-1)*

In this menu, you can select the length of time the backlight for the main LCD remains on.

When the phone is closed, the backlight turns off, thus conserving battery power. When the phone is open, the backlight remains on for the specified length of time after the last key is pressed or you open the phone. Remember that backlight use drains your battery faster.

External LCD light *(Menu 8-2-2)*

In this menu, you can select the length of time the backlight for the External LCD remains on.

When you close the phone, the backlight turns on and remains on for the specified length of time. Remember that backlight use drains your battery faster.

Keypad light *(Menu 8-2-3)*

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

Service LED *(Menu 8-2-4)*

In this menu, you can select the length of time the service light blinks before going off.

1. Enter the time period for the service light to be blink using the number keypad and press .
2. Select **Set** and press .

   To turn off the service light, select **Cancel**.

Auto Dial *(MENU 8-3)*

You can set the phone to automatically dial an area code or international call code when you make a call.

Area Code *(MENU 8-3-1)*

Enter the area code and select **Set**. The code will be displayed each time you open the phone to make a call or press .

International Call *(MENU 8-3-2)*

Enter an international call service number and select **Set**. The number will display when you press and hold 0 in Standby mode.

Call Answer *(Menu 8-4)*

This menu allows you to select how to answer an incoming call.

The following options are available:

Folder Open: The phone answers when you open the phone. If the phone is already open, press .

Any Key: When the phone is open, you can press any key except for and Volume keys. When the phone is closed, you can answer the call by opening the phone.

Change Lock *(MENU 8-5)*

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

To change the lock code, enter the current lock code. Enter a new, 4-digit lock code and enter the code once again at the prompt.

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

Restriction *(MENU 8-6)*

Your phone provides you with various restriction options, including a user-programmable lock code and emergency numbers.

To access the **Restriction** menu, you must enter the 4-digit lock code. It is preset to “0000” at the factory.

Menu Lock *(MENU 8-6-1)*

Using this menu, you can lock your phone’s menu so that other person can not use your phone’s menus. In Menu lock mode, you can make a call.

Incoming Call *(MENU 8-6-2)*

Using this menu, you can select whether or not the phone restrict your incoming calls.

International Call *(MENU 8-6-3)*

Using this menu, you can restrict international outgoing calls.

Caller ID *(MENU 8-6-4)*

Using this menu, you can restrict displaying your phone number on the other person’s phone.

Reset Phone *(MENU 8-6-5)*

In this menu, you can restore the default settings of all of user-selectable option phone’s memory.

The following options are available:

Reset Functions: allows you to restores the default settings of all of user-selectable options.

Reset All: allows you to restores information stored in the phone’s memory.

When a confirmation message displays, select **Yes** and press OK to confirm. The phone reboots, turning itself off and then back on, and returns to Standby mode.

Select **No** to cancel your selection.

Lock Phone *(MENU 8-6-6)*

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

The following options are available:

On Power-up: the phone locks automatically the next time you turn it on.

Auto Lock: the phone locks immediately. After unlocking the phone temporarily, you can lock the phone again by closing the phone.

Manual Lock: the phone locks when you press and hold # in Standby mode.

To use the phone in Lock mode, press any key and enter the 4-digit lock code. Your phone unlocks temporarily and you can use the phone.

Health and safety information

Exposure to radio frequency (RF) signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards that were developed by independent scientific organizations through periodic and through evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg. *

*.In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID printed in the label on the phone.

FCC certification information for this model phone is attached separation paper.

For body operation

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

For more Information concerning exposure to radio frequency signals, see the following websites:

Federal Communications Commission (FCC) http://www.fcc.gov/oet/rfsafety

Cellular Telecommunications Industry Association (CTIA): http://www.wow-com.com

U.S.Food and Drug Administration (FDA) http://www.fda.gov/cdrh/consumer

World Health Organization (WHO) http://www.who.int/peh-emf/en

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, make sure that you are following the special regulations in a given area or country.

Operating environment

Remember to follow any special regulations in force in any area and always switch your phone off 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 minimize potential interference

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

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

Potentially Explosive Environments

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

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

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

Emergency calls

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

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

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 100 or any other official emergency number). Emergency numbers vary by location.
3. Press .

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 your phone off 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 use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Glossary

Air time

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

Antenna

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

Call diverting

Ability to reroute calls to another number.

Call waiting

Informs you that you have an incoming call when you are engaged on another call.

Caller line identification services (Caller ID)

Services allowing subscribers to view or block the telephone numbers of callers.

CDMA (Code Division Multiple Access)

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

Deactivation

The process of rendering a wireless phone inactive.

DTMF

You send DTMF signals when you enter numbers by pressing the digit keys.

Frequency

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

LCD (Liquid Crystal Display)

Commonly used to refer to the screen display on the wireless phone.

Prepend

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

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.

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.

Appendix

Appendix A: CERTIFICATION INFORMATION (SAR)

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency(RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on safety standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate(SAR). The SAR limit set by the FCC is 1.6 W/kg. SAR Tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the

closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations(e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR values of this model phone as reported to FCC are Head: 1.22W/kg, Body-worn: 0.656W/kg in CDMA 800MHz.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID A3LSCHV122.

In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilo-gram (W/kg) averaged over one gram of tissue. The standard incorporates a substantial ma gin of safety

to give additional protection for the public and to account for any variations in measurements.

Appendix B: Guide to Safe and Responsible Wireless Phone Use

Cellular Telecommunications & Internet Association

“Safety is the most important call you will ever make.”

A Guide to Safe and Responsible Wireless Phone Use

TENS OF MILLIONS OF PEOPLE IN THE U.S. TODAY TAKE ADVANTAGE OF THE UNIQUE COMBINATION OF CONVENIENCE, SAFETY AND VALUE DELIVERED BY THE WIRELESS TELEPHONE. QUITE SIMPLY, THE WIRELESS PHONE GIVES PEOPLE THE POWERFUL ABILITY TO COMMUNICATE BY VOICE-ALMOST ANYWHERE, ANYTIME-WITH THE BOSS, WITH A CLIENT, WITH THE KIDS, WITH EMERGENCY PERSONNEL OR EVEN WITH THE POLICE. EACH YEAR, AMERICANS MAKE BILLIONS OF CALLS FROM THEIR WIRELESS PHONES, AND THE NUMBERS ARE RAPIDLY GROWING.

But an important responsibility accompanies those benefits, one that every wireless phone user must uphold. When driving a car, driving is your first responsibility. A wireless phone can be an invaluable tool, but good judgment must be exercised at all times while driving a motor vehicle whether on the phone or not.

The basic lessons are ones we all learned as teenagers. Driving requires alertness, caution and courtesy. It requires a heavy dose of basic common

sense-keep your head up, keep your eyes on the road, check your mirrors frequently and watch out for other drivers. It requires obeying all traffic signs and signals and staying within the speed limit. It means using seat belts and requiring other passengers to do the same.

But with wireless phone use, driving safely means a little more. This brochure is a call to wireless phone users everywhere to make safety their first priority when behind the wheel of a car. Wireless telecommunications is keeping us in touch, simplifying our lives, protecting us in emergencies and providing opportunities to help others in need. When it comes to the use of wireless phones, safety is your most important call.

Wireless Phone "Safety Tips"

Below are safety tips to follow while driving and using a wireless phone which should be easy to remember:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands free device. A number of hands free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. 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 and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to do" list while driving a car, you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip-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. Stressful or emotional conversations and driving do not mix-they are distracting and even dangerous when you are behind the wheel of a car. Make

people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations-with your phone at your side, help is only three numbers away. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a “Good Samaritan” in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless non emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you still can use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

Careless, distracted individuals and people driving irresponsibly represent a hazard to everyone on the road. Since 1984, the Cellular Telecommunications

Industry Association and the wireless industry have conducted educational outreach to inform wireless phone users of their responsibilities as safe drivers and good citizens. As we approach a new century, more and more of us will take advantage of the benefits of wireless telephones. And, as we take to the roads, we all have a responsibility to drive safely.

“The wireless industry reminds you to use your phone safely when driving.”

Cellular Telecommunications & Internet Association
For more information, please call 1-888-901-SAFE.
For updates: http://www.wow-com.com/consumer/issues/driving/articles.cfm?ID =85

Appendix C: Consumer Update on Wireless Phones

U.S. Food and Drug Administration

1. What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called cell, mobile, or PCS phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user s head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person’s RF exposure decreases rapidly with

increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

2. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

3. What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard

and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration
- The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications

Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

4. What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety.

FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

5. What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

6. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

7. Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are

used against the head or against the body. Either configuration should result in compliance with the safety limit.

8. Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hand-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

9. What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA,

medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

10. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer causing chemicals so as to be pre-disposed to develop cancer in the absence of RF

exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don t know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, gioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

11. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many,

many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

12. Which other federal agencies have responsibilities related to potential RF health effects?

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations.

FCC RF Safety Program:
http://www.fcc.gov/oet/rfsafety/

Environmental Protection Agency (EPA):
http://www.epa.gov/radiation/

Occupational Safety and Health Administration's (OSHA):
http://www.osha-slc.gov/SLTC/radiofrequencyradiation/index.html

National Institute for Occupational Safety and Health (NIOSH):
http://www.cdc.gov/niosh/emfpg.html

World health Organization (WHO):
http://www.who.int/peh-emf/

International Commission on Non-Ionizing Radiation Protection:
http://www.icnirp.de

National Radiation Protection Board (UK):
http://www.nrpb.org.uk

SCH-V122 Quick reference card

Basic Operation	
Make a call	Phone number +
End a call	or close the phone
Receive a call	or open the phone
Adjust keypad tone volume	(in Standby mode) / on the left side
Adjust the voice volume	(during a call) / on the left side
Redial the last call	twice
Switch to Manner mode	(in Standby mode) Hold
Take a photo	Hold + or + Enter Name +

Internal Phonebook	
Store a new number into memory	Enter phone number + + Enter Name + / (Home/Mobile/Office/Other/ FAX/E-mail/Group/Memo) + / to select an option or enter Information + +
Speed dial	One Touch (000~009): Hold down the third digit. Two-Touch (010~099): Press the second digit briefly, then hold down the third digit. Three-Touch (100~999): Press the first two digits briefly, then hold down the third.

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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

Main Menu (To access, press .)

My Phone	1: Start Menu 2: Menu Screen 3: My Name 4: Text Slide 5: Dialpad Setup 6: Language/שפה 7: Flash
1: Phonebook	1: Find Number 2: Outgoing Call 3: Incoming Call 4: Missed Call 5: Store Number 6: Call Alert 7: Edit Group 8: Reset Phonebook #: My Number
2: Internet/SMS	1: VAS 2: Message 3: E-mail 4: Set Modem 5: Internet Setup
3: Entertainment	1: Music Box 2: Image Box 3: I. Beam 4: Memory Status
4: Organizer	1: Morning Call 2: Alarm Clock 3: Scheduler 4: Memo Pad 5: Calculator 6: Worldtime 7: D-Day Plus
5: 3GTV-Video	1: Video Portal 2: Music 3: Broadcasting Channel 4: Downloads 5: Video Mail 6: Configuration
6: Digital Camcoder	1: Recording 2: Photo Album 3: Video Album 4: Photo Mail 5: Video Mail 6: Setup
7: Voice Tools	1: Voice Memo 2: Voice Answer
8: Setup	1: Sound 2: Display/Light 3: Auto Dial 4: Call Answer 5: Change Lock 6: Restriction