Viewing an Event

Days with scheduled events are indicated by a underline on the calendar when you access the **View Month** menu option (**MENU 4-2**). Select one of them, and press . The first event of the day is displayed.

If necessary, when an event is displayed, press to access the options. For further details on the options, refer to “Today” on page 66.

Jump To Date *MENU 4-3*

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

Enter a date using the numeric keys, and press .

To create, edit or erase events, refer to “Today” on page 66.

To Do List *MENU 4-4*

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

Creating a To Do Item

1. Enter the first task.

   You can enter up to 32 characters. For further details on how to enter characters, see page 39.

2. Press to confirm your input.

3. Enter your deadline using the numeric keys, and press .

   You can move to each input field using and .You must enter the hour in 12-hour format. Press for **A** (AM) or press for **P** (PM).

4. Select high or low priority using or and then press to store the task.

Viewing a To Do Item

The first task is displayed with the deadline and the associated priority (**!** for High or **-** for Low) when you select the **To Do List** menu option (**MENU 4-4**).

Scroll to the task you want to view by pressing or .

While viewing a task, the following options available when you press MENU.

Add new: allows you to add a new task.

Edit: allows you to edit the current task.

Erase: allows you to erase the current task.

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

Count Down *MENU 4-5*

This menu help you know how much time it takes you to do something, or how many months, days, hours and minutes until a specific day arrives. You can create up to 20 Count down timers using this menu.

Creating a Count Down Timer

1. Enter a name for your new Count down timer and press OK/CH.

   For further details about entering text, see page 39.

2. Enter the date and time that you want to count down from using the numeric keys.

   You can move to each input field using * and #. You must enter the hour in 12-hour format. Press 2 for **A** (AM) or press 7 for **P** (PM).

   Note: You can enter a year between 1980 and 2099.

3. Press OK/CH to save the timer.

Viewing a Count Down Timer

The first Count Down timer is displayed when you select the **Count Down** menu option (**MENU 4-5**).

Scroll to the timer you want to view by pressing * or #.

While viewing a count down timer, the following options are available when you press MENU.

Add new: allows you to create a new timer.

Edit : allows you to edit the current timer.

Erase : allows you to delete the current timer.

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

World Time *MENU 4-6*

You can use this menu option to find out what time it is in another part of the world.

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

Calculator

MENU 4-7

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

1. Enter the first number using the numeric keys.
2. Set the operation for your calculation by pressing or until the required arithmetic symbol appears: **+** (add), **-** (subtract), **x** (multiply), **/** (divide).
3. Enter the second number.
4. To get the result, press .
5. Repeat Steps 1 to 4 as many times as required.

   Each time you change the operator, the previous calculation is performed and the result is displayed as the top number on the display.

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

Alarm

MENU 4-8

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

To set an alarm:

1. When **Set** is highlighted, press .
2. Select the alarm frequency option by pressing or and press .
   - **Once**: the alarm rings only once and is then deactivated.
   - **Daily**: the alarm rings every day at the same time.
3. Enter the required time for the alarm to ring using the numeric keys.

   You can move to each input field using and . You must enter the hour in 12-hour format. Press for **A** (AM) or for **P** (PM).
4. Press to save the setting.

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

To release the alarm, access the **Alarm** menu option (**MENU 4-8**) and select **Release**.

Sounds

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

- Ringer volume, type and tone.
- Key beep and voice volume.
- Alert sounds and a ringer for the roaming calls.
- Ringer which sounds when the phone is switched on or off.

Ringer Volume *MENU 5-1*

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

Calls: allows you to adjust the ringer volume for incoming voice calls.

Note: In standby mode, you can adjust the volume using the volume keys on the left side of the phone.

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

For each items, you can select one of the following settings:

1 ~ 5lvl: you can adjust the volume level. The more bars you see, the louder the ringer.

Vib: the phone switches to vibration mode. An incoming call vibrates the phone.

Beep: the phone sounds a beep.

Off: the phone does not sound the ringer.

Ringer Type *MENU 5-2*

This option allows you to set unique ringers for the following items:

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

Alarm: allows you to have a distinctive ringer for an alarm.

Data/Fax In: allows you to be alerted with a distinctive ringer tone when you receive faxes or data through the phone. This feature may be unavailable depending upon your network.

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

For each items, you can select a unique ringer type from 35 different tones or melodies. After you change it, it sounds for a few seconds.

Key Beep *MENU 5-3*

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

The graphic shows the volume level; the more bars you see, the louder the sound. No bar means that the key beep is turned off.

Alerts

MENU 5-4

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

The available alerts are:

Minute Beep: When this menu option is set to **On**, the phone sounds an alert 10 seconds before each elapsed minute to remind you of the length of the current call.

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

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

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

Fade: When this menu option set is to **On**, the phone sounds an alert when a dropped call occurs during conversation in response to a signal fade.

Roam: When this menu option is set to **On**, the phone sounds an alert when your phone starts roaming.

Voice Volume

MENU 5-5

This option enables you to adjust the voice volume of the earpiece.

The graphic shows the volume level; the more bars you see, the louder the sound.

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

Roam Ringer

MENU 5-6

You can set the phone to use a distinctive ring for incoming roaming calls.

Choose **On** to use a distinctive ringer or **Off** to use a normal ringer.

Power On/Off

MENU 5-7

This option allows you to turn on or off the sound that the phone generates when it is switched on and off.

Choose **On** to turn the sound on or **Off** to turn it off.

Display

The Display feature enables you to:

- Set the length of time for the backlight.
- Create your own greeting, and select an animation to be displayed in standby mode or when the phone is powered on or off.
- View your own phone number.
- Change the display language.
- Set the current date and time.
- Insert automatically a hyphen between numbers.
- Change the display for menu mode.
- View the version of your phone.
- Adjust the brightness of the LCD screen.

Backlight *MENU 6-1*

You have several options for setting how the LCD backlight operates. Remember that backlight use drains your battery faster.

The following options are available:

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

Flip Open: the backlight remains on while the flip cover is open.

Always Off: the backlight is always off.

Banner *MENU 6-2*

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

Note: To display the banner, you need to set **Idle Mode** to **Banner** in the **Animation** menu option (**MENU 6-3**).

To change the banner:

1. If necessary, press i/C repeatedly to delete each letter of the old greeting. Press are hold i/C to remove the whole greeting.

2. Enter your banner message of up to 12 characters by using the alphanumeric keys.

   For further information on how to enter characters, refer to page 39.

3. When you finish entering the message, press OK to save the new banner.

Animation *MENU 6-3*

Your phone displays the specified images when it is turned on or off or when it is in standby mode. You can change the images to suit your preference.

The following options are available:

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

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

Idle Mode: you can select an image to be displayed in the idle screen. When this option is set to **Banner**, the banner message you saved via the **Banner** menu option (**MENU 6-2**) is displayed.

My Phone Number *MENU 6-4*

This option shows your own phone number.

After viewing the number, pressing OK returns to standby mode.

Language *MENU 6-5*

You can change the language of voice prompts, menus and key-input.

Select the language from **English**, **Spanish**, and **Portuguese**.

Set Time *MENU 6-6*

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

To set the date and time:

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

   The month, day, hour and minute must be entered with 2 digits. The year requires all four digits. You must enter the hour in 12-hour format. Press 2 for **A** (AM) or 7 for **P** (PM).

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

   If you enter a wrong time, the phone displays “Invalid time” and prompts you to enter again.

Auto Hyphen *MENU 6-7*

With this menu option set to **Yes**, your phone automatically hyphenates the digits when you dial a number. This hyphenates numbers as follows: 000-000-0000. Digits following a pause are not hyphenated.

Version *MENU 6-8*

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

Menu Style *MENU 6-9*

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

LCD Contrast *MENU 6-0*

This option allows you to see the LCD screen better in different lighting conditions. Scroll through the contrast settings to make the screen darker or brighter.

Voice Tool

In this menu, you can use the phone's voice features such as:

- Voice dialing.
- Voice memo.
- Voice answer

Voice Dial *MENU 7-1*

When your phone is in digital mode, you can call up to 20 stored entries by speaking the associated name into the microphone. Using the Voice dialing option requires that you first program the phone to recognize the name of the person you are calling.

Record

This option allows you to record names and register numbers for subsequent voice dialing. The phone provides voice prompts and screen displays to guide you through the recording process.

1. Say the name you want to program at the prompt. The phone stores the name as a first sample, and then prompts for the name again.
2. Respond to the prompt by repeating the name after the beep. The phone stores the name as a second sample, and then requests the phone number.
3. Enter the phone number by pressing the numeric keys.
4. To store the phone number, press OK/C.

Tips on Recording a Name

- Avoid recording similar names phonetically. If you record a similar name to one already in the memory, the phone requests another name.
- Speak clearly and naturally.
- The person who will use the phone should record the name. The phone does not recognize the name if the voice is different.
- Avoid too long or too short a name. Names with two to five syllables are recommended.
- If this feature does not work properly, erase the name, and try again with another name.
- Practice several times to obtain the best result.
- You can record up to 20 names. If you try to record more than 20, the phone announces “Memory is full.”

Review

When the list of your voice dial entries displays, scroll to the desired entry using and and press . The recorded name plays audibly.

On the Voice Tag List, press to display the following options:

Play: plays back the voice dial tag of the selected entry.

Erase: erases the selected entry.

Talk: places a call to the number of the selected entry.

Play All: plays back all the recorded voice dial tags.

Erase All

This option allows you to delete all of the voice dial entries.

Press to confirm the deletion. Otherwise, press or to exit this menu without deleting the entries.

Set Active

Voice dialing is always on once you have programmed the phone to accept voice dial entries and associated the phone numbers. You can initiate a voice dialing call by one of the following options:

[✳] only: enables voice dialing only by pressing and holding .

[✳]/Earphone: enables voice dialing by pressing and holding or pressing the button on the earphone when it is connected to your phone.

Voice Memo

MENU 7-2

Note: You can use this feature only in digital mode.

Using this menu option, you can record voice memos of up to 4 minutes total.

Record

1. Accessing this menu option immediately begins recording. A timer displays to show the elapsed time.

2. Record the voice memo by speaking to the microphone.

   You can pause recording by pressing and resume by pressing .

   If maximum recording time expires before you end, recording automatically stops, sounding an alert. You can then save the memo.

3. Press when recording is completed.

   The Rec. Finished screen is displayed with the following choices:

   - **Save:** allows you to save the voice memo with a title.
   - **Review:** allows you to review the voice memo. The screen displays the length of the memo with the date and time.
   - **Rerecord:** allows you to re-records the memo.
   - **Quit:** cancels your recording and returns to the previous screen.

4. Select **Save** from the list and press .

5. Enter a title for the memo and press .

   You can enter up to 12 characters. For further information about entering characters, see page 39.

   If you do not enter a title, the memo is saved, labeled with “No Name.”

Review

When the list of your voice memos displays, scroll to the desired memo by pressing or and press . The phone plays back the memo.

During the playback, press to pause and press to resume.

On the voice memo List, press to display the following options.

Play: plays back the selected memo.

Info: shows detailed information of the selected memo.

Erase: erases the selected memo.

Erase All

This option allows you to delete all of the voice memos.

Press to confirm the deletion. Otherwise, press or to exit this menu without deleting the memos.

Voice Answer

MENU 7-3

Using this menu, in case that you are not able to answer an incoming call, you can set your phone to answer calls by playing back the predefined greeting message that came with the phone. The phone can record the caller's message.

On/Off

This option allows you to turn the Voice Answer feature on or off.

Choose **Enable** to use the feature or **Disable** not to use it.

Inbox

This option allows you to listen to callers' messages. The list of the recorded messages appears.

Note: If the phone has messages waiting to be checked, it displays the total number of the messages and the date and time when the last message was recorded in standby mode. Pressing OK quickly takes you to the Inbox.

Press ▲ or ▼ to scroll to the desired message and press OK to play it back.

You can pause the playback by pressing * and resume by pressing #.

From the message list, the following options are available when you press MENU.

Info: shows detailed information of the message, such as the caller's number, if identified, elapsed time, the memory size used for the message and the time when the message was recorded.

Erase: erases the selected message.

Erase All: erases all of the recorded messages.

Talk: places a call to the caller's number, if identified.

Save: saves the caller's number, if identified, into your phonebook.

Setting

This option provides you with several setting options to configure the Voice Answer feature.

The following options are available:

Greeting: You have a predefined greeting message to be played when a call comes in. Also, you can create your own greeting message as your preference.

To record a greeting message:

1. Select **Record** and press OK.
2. Wait until a beeping prompt sounds and record the voice memo by speaking into the microphone.

   You can pause recording by pressing * and resume by pressing #.

3. When recording is completed, press OK/SEL.

   The Rec. Finished screen is displayed with the following choices:

   - **Save:** allows you to save the voice memo with a title.
   - **Review:** allows you to review the voice memo. The screen displays the length of the memo with the date and time.
   - **Rerecord:** allows you to re-records the memo.
   - **Quit:** cancels your recording and returns to the previous screen.

4. Select **Save** from the list and press OK/SEL.

   The phone automatically activates your message.

Note: Each time you record a new message, your phone automatically overwrites the old message.

To play back your greeting message, select **Play**.

To select a greeting message, use the **Select** option. Choose **My Message** to use your message or **Default** to use the default message.

Screening: enables or disables the screening speaker which allows you to listen to the caller's message while the caller is leaving it.

Wait Time: selects how long the phone waits before answering the call by playing back the greeting message. The wait time can be set to **after 3sec**, **after5 sec** or **after10 sec**. Selecting **No Ring** means the phone answers a call as soon as it comes in.

Games

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

1. Press ▲ or ▼ to scroll to the game you want to play, and then press OK/SEL.

   When the game start screen is displayed, press MENU to get help for playing the game. The phone displays key commands.

2. Press OK/SEL to start the game.

3. Press ☎ to exit the game and return to the idle screen.

Setup

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

Auto Retry *MENU 9-1*

With this menu option activated, your phone will automatically retry the call up to 10 times when a connection fails.

To activate this feature, select how often the phone will automatically retry the call.

Select **off** to deactivate this feature.

Auto Answer *MENU 9-2*

With this menu option activated, the phone automatically answers calls after predefined rings. This option is useful while driving, for instance.

To activate this feature, select how long your phone waits before answering an incoming call.

When this menu is option set to **off**, the phone does not answer an incoming call. If you do not answer the call, it is stored in the Missed call log (see page 53).

Answer Mode *MENU 9-3*

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

The following options are available:

By any key: the phone answers when you press any key except .

By flip open: the phone answer when you open the flip cover.

By send key: the phone answers only when you press .

Tone Length *MENU 9-4*

The tone length setting enables you to select **normal** or **long** DTMF (Dual-Tone Multi-Frequency) tones. When you use a teleservice, such as accessing your bank account, and press the keys to enter numbers into the teleservice, you are sending DTMF tones. The system used by the bank or other service determines if you need short or long DTMF tones. If the service is digital, as most are, short DTMF will almost always work.

Set NAM

MENU 9-5

NAM stands for numerical assignment module, essentially your telephone number. Your Samsung phone can store two NAMs. This means you can have two phone numbers on your phone, and you can quickly and easily switch your service back and forth between the two numbers.

Select **NAM 1** or **NAM 2**. If you change the NAM, the phone will reboot and acquire service using the new NAM setting.

Set System

MENU 9-6

The system selection feature of your phone enables you to choose how your phone will roam. Roaming is a feature which is only relevant in areas where there are usually at least two cellular service providers which are referred to as “A” and “B” and have valid roaming agreements. Your service provider will provide you information about this service or the best roaming methods for you.

The following options are available:

Home only: with this setting, you cannot roam. If your home system is not available then your call will not be connected and the No Service icon ( ) is displayed. In some service areas an operator may come on line asking you how you would like to pay for the call.

Standard: this option allows you to provide the best system automatically.

Digital only: your phone will always try your calls using a digital network.

A only: in a wireless service area, there are usually two service providers which are referred to as A and B. Your service provider will provide you information about this when you set up service. With this setting, you will only be able to roam in the “A” network or system.

B only: this works just like the “A Only” setting except you will only be able to roam in the “B” network or system.

Data/Fax

MENU 9-7

Your phone is capable of sending and receiving digital data and fax calls when connected to a computing device (laptop, desktop, handheld, palmtop, etc.) running Windows NT, Windows 95 or later versions. The phone functions just like a typical modem on your PC, enabling you to use wireless data involving a wide variety of Windows software applications.

To use digital data or fax services with your phone, you will need to obtain a digital data/fax kit from your service provider. This kit will contain the necessary cables, software and user’s guide required for your to connect and use your phone with your computing device.

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

The following options are available:

data/fax off: your phone can send and receive voice calls only.

fax for next call: your phone can send and receive only fax call for the next 10 minutes.

fax until powered off: your phone can send and receive fax calls until you power the phone off and back on.

data for next call: your phone can send and receive only data call for the next 10 minutes.

data until powered off: your phone can send and receive data calls until you power the phone off and back on.

Receiving a Fax or Data File

To receive a fax or data, ensure that your phone is connected to your PC and is powered on and select a desired option.

When you receive a fax call, setup the **Answer** mode in the Fax program on your PC and click on **Receive**. Select one of the following:

- Automatic Receive (recommended)
- Manual Receive

Sending a Fax or Data File

When connected to a computing device, your phone supports wireless fax and data transmissions. Your computing device software initiates the call to the destination phone number. The phone functions as a wireless modem to send the fax or data file to the number designated by your PC software.

Set Network *MENU 9-8*

Your phone is preset to digital mode. If you wish to place a call in analog mode, use this menu. Your phone allows you to search for analog service.

The following options are available:

Automatic: automatically looks for all forms of service according to the PRL (Preferred Roaming List) supplied by the service provider.

1-Time Analog Call: automatically switches the phone into analog mode for one call. When the call is completed, the phone automatically resets to the normal setting.

Whisper Mode *MENU 9-9*

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

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

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

Security

Your phone provides many security options, including a user-programmable lock code and call restriction features.

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

Lock Mode *MENU 0-1*

In lock mode, you cannot dial number, except for making an emergency call, or accessing menu options. You can receive incoming calls and messages, even though the phone is locked.

The following options are available:

Never: the phone remains unlocked.

Now: the phone locks immediately.

On power up: the phone locks automatically the next time you turn the phone on.

To place an emergency call, enter the number and then press . The phone recognizes standard emergency number, and three emergency numbers saved via the **Emergency #** menu option (**MENU 0-4**); see page 99.

To unlock the phone, press MENU and enter the lock code.

Restrict *MENU 0-2*

This feature allows you to restrict all your outgoing calls. You cannot make any call, except for emergency calls (see below).

Select **Yes** to use the call restriction feature or **No** to release the feature.

Lockcode *MENU 0-3*

You can change your current lock code to a new one. The lock code is preset to “0000” at the factory.

Enter a new four-digit lock code, and your phone prompts you to enter the code again. Re-enter the lock code. The phone saves the new code and automatically returns to standby mode.

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

Emergency Number *MENU 0-4*

Your phone provides the option of storing emergency numbers. These numbers can be manually dialed at any time, even though your phone is locked or all outgoing calls are restricted. You can store up to three emergency numbers.

To store an emergency number:

1. Select a location using a numeric key, or , followed by .
2. Enter the required number. Each number can be up to 32 digits long.

   If there is a number already stored, delete the number using .
3. Press to save the number.

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

Send PIN

MENU 0-5

Note: Your service provider must enable this feature and assign you a PIN (Personal Identification Number) in order for this feature to work.

This feature prevents your phone from being used by unauthorized people. Contact your service provider for complete information on this feature.

The following options are available:

Never: the option is not activated.

Prompt: each time you make a call, you are asked to enter your PIN.

Clear Memory

MENU 0-6

This menu allows you to erase all the numbers in your phonebook and in the voice-dial list.

When a confirming message displays, press to clear the memory.

The phone restores the default settings, and then returns to standby mode.

Reset Phone

MENU 0-7

Resetting the phone erases all of your saved options and information and returns them to the factory default settings, except for your phonebook entries and SMS messages.

When a confirming message displays, press to reset the phone.

The phone turns itself off and back on, restores the default settings, and then returns to standby mode.

Mail Kit

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

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

If you are on a conversation and you receive an incoming message, your phone automatically mutes the ringer. This is to avoid ringing in your ear while you are trying to converse.

To enter the **Mail Kit** menu, press in standby mode.

Message-related Icons

Duplicated message: indicates that a duplicated messages was sent.

Filed Message: displays if a message has been filed.

Message sent: displays when outgoing messages are transmitted.

Message read: displays when you have read a message.

Message received: indicates that an incoming text, voicemail, page or browser message has been received.

Multi messages: displays if multi messages are successfully delivered.

Message delivered: displays if a sent message is delivered.

Message failed: displays if a message was not sent.

Urgent message: displays if a message is urgent.

New Messages *OK-1*

You can create short text messages and numeric pages, and then send them to other mobile numbers.

Note: Message transmission is only supported in digital networks and if service is provided by your service provider.

1. Enter a destination phone number or an e-mail address using the numeric keys and press .

   You can select a number from your phonebook by pressing .

2. Enter the message contents or a numeric page. For further details about how to enter text, see page 39.

3. When you finish entering the message, press OK/SEL.

4. Press ▲ or ▼ to select one of the following option and press OK/SEL to edit your input or setting.

- **Send To**: edits the destination phone number you entered in Step 1.
- **Msg**: edits the message contents you entered in Step 2.
- **Call Back**: edits the callback number. Enter the new number to replace the current number. The default call back number is your phone number.
- **Options**: allows you to change the message options. Press ▲ or ▼ to scroll to the required item and press MENU to change the setting.
  - **Priority**: select the message priority.
  - **Validity**: select the length of the time for which your messages will be stored at the SMS center while attempts are made to deliver it to the recipient.
  - **Send Later**: select how long the phone waits before sending the message, if you do not want to send it immediately.
  - **Delivery Ack**: turn the delivery acknowledgment feature on or off. when this is activated, the network informs you of whether or not the message has been read by the recipient .
  - **Message**: set if the phone will save the message in the outbox after transmission. When you select **Prompt Save**, the phone will ask if you want to save the message.

- **Action**: shows the key commands.

Note: The **Call Back**, **Delivery Ack**, and **Message** options can be preset to default values in the **Msg Setup** menu (**OK-8**).

5. Press to send the message.

Voice *OK-2*

When a new voice message is received, the voicemail notification displays. If multiple new voicemails are received but not reviewed, only the last received voicemail information will be displayed. The display information will include time/date stamp, the total number of the new voicemails, and the callback number.

Press and the sender's callback number, if available, or the voice server number is displayed. To listen to the message, press again to connect to the voice server and and follow the voice prompt.

When you access the **Voice** menu option (**OK-2**), information of the latest voice message is displayed. To listen to the message, press twice.

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

Inbox

OK -3

Your phone can store up to 40 pages and text messages all together in the Inbox, Outbox and Filed Message box. If the message memory is full, a warning message is displayed and the phone rejects additional messages until you erase the obsolete ones.

Press ▲ or ▼ to scroll to one of the messages in the list and press OK/CF. The phone displays the message contents. If necessary, press ▲ or ▼ to scan through the contents.

You can dial the callback number of the message by pressing twice.

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

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

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

Delete: deletes the message from the Inbox.

Save addr: allows you to save the sender's phone number into your phonebook. For further information about storing a number, see page 57.

Mail Kit

Outbox

OK-4

Your phone can store up to 40 pages and text messages all together in the Inbox, Outbox and Filed Message box. You can review or resend the messages stored in the Outbox, if needed.

Press ▲ or ▼ to scroll to the desired message and press OK/CF. The display shows the date and time when the message is created, the designated number (and name if saved in the phonebook) and the message contents. If necessary, press ▲ or ▼ to scan through the contents.

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

Re-send: allows you to resend the message. For further information about sending a message, see page 103.

Delete: deletes the message from the Outbox.

Filed Messages *OK-5*

Your phone can store draft messages that are yet to be sent in the filed message folder. You can access this folder at a later time to edit and send the message.

To store a message to the filed message box:

1. Follow the process of writing a new message on page 103.
2. When you finish inputting the message, press OK/SEL for options.
3. Select **Action**, and press OK/SEL. The message is stored in the Filed Messages box and the phone returns to standby mode.

When you access the **Filed Msg** menu option (**OK-5**), the list of the stored messages appears. Press ▲ or ▼ to scroll to one of the messages in the list and press OK/SEL.

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

Edit: allows you to edit and send the message.

Delete: deletes the message.

Web Alerts *OK -6*

This menu option allows you to view web messages from your web server.

Press ▲ or ▼ to scroll to one of the messages in the list and press OK/SEL.

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

Edit: allows you to edit and send the message.

Delete: deletes the message.

Erase Message *OK -7*

Using this menu option, you can erase all messages in each of five message boxes; **Voice** mail box, **OldInbox**, **NewInbox**, **Outbox** and **Filed** message box. You can also erase all of the messages at one time.

Message Setup

OK-8

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

General

You can set up the following options for incoming messages.

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

- **1~5 seconds**: set how often the phone scrolls to the next screen.
- **Off**: you need to scroll to the next screen manually using or .

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

- **Off**: the phone doesn't alert you.
- **Once**: the phone alerts you just once.
- **Every 2 min**: the phone alerts you every 2 minutes.

Message Volume: You can set the volume level of the message ringer using or . You can also use the volume keys on the left side of the phone.

Ringer Type: You can set the ringer melody for voice mails, pages, text messages and browser messages.

Voice Mail #: You can view the number of the voice mail center. If necessary, edit the number and press OK/SEL.

New Message

You can set up the default settings of following options for creating a new message.

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

Save Message: allows you to set whether you want the transmitted message to be saved in the Outbox or not.

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

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

Delivery Ack: allows you to activate or deactivate the delivery acknowledgement feature. Select **On** to turn on the feature or **Off** to turn it off.

Canned Message: allows you to edit 10 canned messages. You can use the messages when writing a message.

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 previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6.

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 recommended 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. (Body-worn measurements may differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only Samsung-approved accessories. When carrying the phone while it is on, use the specific Samsung-supplied or approved carrying case, holster, or other body-worn accessory.

Use of non-Samsung-approved accessories may violate FCC RF exposure guidelines and should be avoided.

For additional information concerning exposure to radio frequency signals, see the following websites:

Federal Communications Commission (FCC)
RF Safety program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"):
http://www.fcc.gov/oet/rfsafety

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

World Health Organization (WHO)
International Commission on Non-Ionizing Radiation Protection (select Qs & As):
http://www.who.int/emf

United Kingdom, National Radiological Protection Board: http://www.nrpb.org.uk

U.S.Food and Drug Administration (FDA)
Center for Devices and Radiological Health:
http://www.fda.gov/cdrh/consumer/

Precautions When Using the Batteries

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

- 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, including talk time and standby time, is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

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, on that every user must uphold.

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

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

5. Do not take notes or look up phone numbers while driving. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility, driving safely.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Dial emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. If you see 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 non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

Operating Environment

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

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

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

Electronic Devices

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

Pacemakers

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

Persons with pacemakers:

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

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

Hearing Aids

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

Other Medical Devices

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

Vehicles

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

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

Posted Facilities

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

Potentially Explosive Atmospheres

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

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

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

Emergency Calls

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

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

To make an emergency call:

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

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

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

Other Important Safety Information

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

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not 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 touch the terminals on the battery or charger with wet hands. Doing so may give you an electronic shock or cause explosion. Touching the plug of the charger with wet hands may give you an electronic shock or cause a fire.
- 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

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

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

Base Station - The fixed radio transmitter/receiver that maintains communications with mobile radio telephones within a given area. (Typically called a cell or cell site)

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

Channel - Communications signals transmit along paths called channels.

Codec - Compression & Decompression.

Deactivation - The process of rendering a wireless phone inactive.

DTMF - (Dual-Tone Multi-Frequency) You send DTMF signals when you enter numbers by pressing the digit keys.

EVRC - (Enhanced Variable Rate Codec) EVRC is a new global standard for compressing and decompressing voice signals. EVRC uses a lower bit rate (the number of bits sent per second) than existing CDMA vocoders, while providing significant improvements in voice quality. This technology enables your phone to provide superb voice quality while benefiting from the ability to process more cellular voice calls using less bandwidth than the voice codecs in CDMA networks today.

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

Hands-Free - A feature that permits a driver to use a wireless phone without lifting or holding the handset - an important safety feature for automobiles, tractors and most other motorized vehicles.

LCD - (Liquid Crystal Display) Commonly used to refer to the screen display on the wireless phone.

LED - (Light Emitting Diode) Commonly used to refer to a small light on the wireless phone or on the Desktop Charger. The LED lights on the phone to indicate an incoming call. The lights on the charger indicate that battery charging is taking place.

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

RF - Radio Frequency

Roaming - The ability to use a wireless phone to make and receive calls in places outside of the home service area.

Service Charge - The amount paid each month to receive wireless service.

Standby Time - The amount of time a fully charged wireless portable or transportable phone can be on and idle without being in use. (See Talk Time)

Talk Time - The length of time a person can talk on a portable or transportable wireless phone without recharging the battery.

Vocoder - Voice Coder. A device used to convert speech into digital signals.

Wireless - Radio-based Systems that allow transmission of telephone or data signals through the air without a physical connection, such as a metal wire (copper) or fiber optic cable.

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SAMSUNG SCH-N195 Quick Reference Card

BASIC OPERATION

Make a call	Phone number +
End a call	
Receive a call	
Adjust ringer volume for calls	*(in standby mode)* ▲ / ▼ on the left side
Adjust speaker volume	*(during a conversation)* ▲ / ▼ on the left side
Redial the last call	twice
Switch to Silent mode	Hold #
Initiate voice dialing	Hold * or the button on the ear-microphone.

INTERNAL PHONE BOOK

Store a new number into	Phone number + **OK** + **OK** + ▼ + **MENU** + Name + **OK** + ▼ + **MENU** + Entry + **OK** + ▼ + **MENU** + Secret + **OK** + ▼ + **MENU** + Category + **OK** + ▼ + **MENU** + Relation + **OK** + ▼ + **MENU** + Ringer + **OK** + **OK**
Speed dial	One Touch (001~009): *Hold down the third digit.* Two-Touch (010~099): *Press the second digit briefly, then hold down the third digit.* Three-Touch (100~500): *Press the first and the second digit briefly, then hold down the third.*
Scan memories • Location • Name	 ▲ + Location (Or ▲ / ▼) + **OK** ▼ + Name (Or ▲ / ▼) + **OK**

MENU TREE

Main Menu *(To access, press MENU)*

- 1 : Calls
  - 1 : Outgoing
  - 2 : Incoming
  - 3 : Missed
  - 4 : Erase Logs
  - 5 : Air Time
- 2 : Phone Book
  - 1 : Find Name
  - 2 : Add Entry
  - 3 : Find Entry
  - 4 : Relation Srch
  - 5 : Add E-mail
  - 6 : Memory Info
  - 7 : Group Color
- 3 : Web
  - 1 : Get In Web
  - 2 : Prompt
- 4 : Scheduler
  - 1 : Today
  - 2 : View Moth
  - 3 : Jump To Date
  - 4 : To Do List
  - 5 : Count Down
  - 6 : World Time
  - 7 : Calculator
  - 8 : Alarm
- 5 : Sounds
  - 1 : Ringer Vol
  - 2 : Ringer Type
  - 3 : Key Beep
  - 4 : Alerts
  - 5 : Voice Volume
  - 6 : Roam Ringer
  - 7 : Power On/Off
- 6 : Display
  - 1 : Backlight
- 6 : Display (continued...)
  - 2 : Banner
  - 3 : Animation
  - 4 : My Phone #
  - 5 : Language
  - 6 : Set Time
  - 7 : Auto Hyphen
  - 8 : Version
  - 9 : Menu Style
  - 0 : LCD Contrast
- 7 : Voice Tool
  - 1 : Voice Dial
  - 2 : Voice Memo
  - 3 : Voice Answer
- 8 : Games
  - 1 : Flying tight
  - 2 : Run for Money
- 9 : Setup
  - 1 : Auto Retry
  - 2 : Auto Answer
  - 3 : Answer Mode
  - 4 : Tone Length
  - 5 : Set NAM
  - 6 : Set System
  - 7 : Data/Fax
  - 8 : Set Network
  - 9 : Whisper Mode
- 0 : Security
  - 1 : Lock Mode
  - 2 : Restrict
  - 3 : Lockcode
  - 4 : Emergency #
  - 5 : Send PIN
  - 6 : Clear MEM
  - 7 : Reset Phone

Telefone Celular Modelo SCH-N195

Nº série eletrônico _____

DADOS DO COMPRADOR

Nome: _____

_____

Endereço: _____

_____

ESPAÇO A SER PREENCHIDO PELO REVENDEDOR

Revendedor: _____

_____

Cidade: _____

Carimbo do Revendedor:

IMPORTANTE: A garantia somente será válida se este Certificado de Garantia for completamente preenchido no ato da compra pelo revendedor e apresentado junto com a Nota Fiscal original de venda deste telefone celular.