Section 8: Changing Your Settings

Topics Covered

- Sound Settings
- Phone Settings

This section explains the sound and phone settings for your phone. It includes display settings, security settings, and extra settings associated with your phone.

Sound Settings

You can customize various sound settings.

My MegaTones

This menu allows you to select different ringtone melodies that you have downloaded from the internet.

Get More MegaTones

This menu allows you to download different ringtone melodies from the internet. To enable a downloaded ringtone, use the My MegaTones option.

Ringtones

This menu allows you to select a ring melody.

You can choose between many different melodies. If you have downloaded sounds from the Internet, you can use them in this menu.

Ring Volume

This menu allows you to adjust the ring volume to one of 5 levels.

Use the **Up** and **Down** keys or the **Volume** keys on the left side of the phone to increase or decrease the volume.

Alert Type

This menu allows you to specify how you are to be informed of incoming calls.

The following options are available:

- Melody: the phone rings using the ring melody selected in the Ringtone menu.

- Vibration: the phone vibrates but does not ring.
- Vibration then melody: the phone first vibrates 3 times and then starts ringing.

Keypad Tone

This menu allows you to select the sound that the phone will make when you press a key. You may select either Tone or Beep.

To turn off the sound, select **Off**.

Message Tone

This menu allows you to set up the ringer for incoming messages, text messages, and multimedia messages.

Text Message

This menu allows you to select how the phone informs you that a new text message has been received.

The following options are available:

- Tone: allows you to use one of several message tones.
- Mode: allows you specify how you are informed of any incoming messages.
  - Silent: only the text notification appears; the phone neither rings nor vibrates.
  - Tone: the phone rings using the tone selected under the Tone option.
  - Vibration: the phone vibrates.
  - Vibration then tones: the phone vibrates six times then rings using the selected tone.
- Repetition: allows you to specify how often the phone informs you of a new message. The following options are available:

- Once: the phone alerts you to a new message just once at the time of receipt.
- Periodic: the phone alerts you to a new message every 2 minutes until you open the message.

Picture Message

This menu allows you to select how the phone informs you that a new multimedia message has been received.

The following options are available:

- Tone: allows you to use one of several message tones.
- Mode: allows you specify how you are informed of any incoming messages.
  - Silent: only the text notification appears; the phone neither rings nor vibrates.
  - Tone: the phone rings using the tone selected under the Tone option.
  - Vibration: the phone vibrates.
  - Vibration then tones: the phone vibrates six times then rings using the selected tone.
- Repetition: allows you to specify how often the phone informs you of a new message. The following options are available:
  - Once: the phone alerts you to a new message just once at the time of receipt.
  - Periodic: the phone alerts you to a new message every 2 minutes until you open the message.

Power On/Off

This menu allows you to select whether or not a melody sounds when the phone is switched on and off.

To turn off the sound, select **Off**.

Alerts on Call

This menu allows you to choose whether or not the phone informs you when you receive a new message or when the time for an alarm comes during a call.

The following options are available:

- Off: the phone doesn't actively alert you to incoming messages or alarms. It only displays the corresponding notification.
- On: the phone alerts you with a beep and displays the corresponding notification.

Extra Tones

You can customize additional tones for the phone.

1. To turn a given tone on, press the **Select** soft key or the ⓪ key. A check mark displays in front of the option.
2. To turn a given tone off, press the **Select** soft key or the ⓪ key. The check mark no longer displays in front of the option.

The following options are available:

- Indicative tones: sets whether or not the phone informs you when you have made a mistake.
- Minute minder: sets whether or not the phone beeps every minute during an outgoing call to keep you informed of the length of your call.
- Connect tone: sets whether or not the phone beeps when your call is connected to the system.

Phone Settings

In this menu, you can customize your phone's various settings, such as:

- Time and Date
- Display settings
- Get More Help
- Greeting message
- Language
- Security
- Extra settings
- Reset settings
- Network services

Time & Date

This menu allows you to change the current time and date displayed. You can also find out what time it is in another part of the word.

The following options are available:

- **Set date**: allows you to enter the month, day, and year.
- **World time**: allows you to find out what time it is another part of world, using the **Left** and **Right** Navigation keys.

Note: Before setting the time, you must specify your time zone in the **World time** menu.

The screen shows the:

- city name.
- current time and date.
- city selected as your time zone.

To select your time zone:

1. Select the city corresponding to your time zone by pressing the **Left** or **Right** key one or more times. The local time and date display.
2. Press the **Set** soft key or the @ key.

- **Set time**: allows you to enter the current time. You can choose the time format in the Time format menu.
- **Time format**: allows you to change the time format to 12 hours or 24 hours.
- **Auto update**: allows you to receive time information from your service provider's network.
  - Off: you need to manually set the time and date according to the current time zone using the Set time menu (Menu 9.1.1).
  - On: the phone automatically updates the time and date according to the current time zone using the network service.
  - Confirm first: the phone asks for a confirmation before the update.

Note: Automatic updates of time and date do not change the time you have set for alarm settings or calendar memos.

Display Settings

In this menu, you can change various settings for the display or backlight.

Wallpaper

This menu allows you to change the background image or the color of the text to be displayed in Idle mode.

The following options are available:

- Animations: you can select a background animation to be displayed on the idle screen.
- Get More Wallpapers: you can also select any images downloaded from the Internet, WAP browser and optional EasyGPRS program or received in messages.
- Images: you can select a background image to be displayed on the idle screen.
- Text color: you can select the color of the text to be displayed on the idle screen.

To change the background animation or image:

1. Scroll through the list by pressing the **Up** or **Down** key.

   You have various preset images available.
2. Press the **Select** soft key or the ⓪ key when the image you want highlights.
3. When the image displays, press the **Select** soft key to display it on the idle screen.

Interior Display

This menu allows you to select the menu display style. You can choose either **Pattern 1**, or **Pattern 2**.

Back Light

In this menu, you can select the length of time the backlight is on and the phone is in Dimming mode.

Settings available are: 15 seconds, 30 seconds, 1 minute, 3 minutes, and 10 minutes.

Brightness Control

You can adjust the display brightness to see it better in different lighting conditions.

Select either **Main LCD** or **Front LCD**. Press the **Up** or **Down** key or press the **Volume** keys to adjust the brightness.

If you do not want to use the service light, select **Off**.

Get More Help

This menu is provides online help for your phone. You may browse general help topics, or enter specific search topics. Information located on this site is maintained by T-Mobile.

Greeting Message

This menu allows you to set a text greeting to be displayed briefly when the phone is switched on.

For details about entering characters, see "Using ABC Mode" on page 47.

Language

You can select a display language.

The following options are available:

- Text language (SIM dependent): you can set the text language to English, French, or Spanish.
- Input mode: you can set the Input mode language to English, French, or Spanish.

Security

The Security feature enables you to restrict the use of your phone by the others and to restrict the types of calls.

Various codes and passwords are used to protect the features of your phone.

PIN Check

When the PIN Check feature is enabled, you must enter your PIN each time you switch on the phone. Consequently, any person who does not have your PIN cannot use your phone without your approval.

Note: Before disabling the PIN Check feature, you must enter your PIN.

The following options are available:

- Disable: the phone connects directly to the network when you switch it on.
- Enable: you must enter the PIN each time the phone is switched on.

Change PIN

This feature allows you to change your current PIN, provided that the PIN Check feature is enabled. You must enter the current PIN before you can specify a new one.

Once you have entered a new PIN, you are asked to confirm it by entering it again.

Phone Lock

When the Phone Lock feature is enabled, the phone is locked and you must enter the 4- to 8-digit phone password each time the phone is switched on.

The password is preset to “00000000” at the factory. To change the phone password, see "Change Password" on page 95.

Once the correct password has been entered, you can use the phone until you switch it off.

The following options are available:

- Disable: you are not asked to enter the phone password when you switch on the phone.
- Enable: you are required to enter the phone password when you switch on the phone.

Change Password

The Change Password feature allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one.

The password is preset to “00000000” at the factory. Once you have entered a new password, you are asked to confirm it by entering it again.

Privacy

Using this menu, you can lock your media contents, such as picture messages, voice messages, voice memos, images, and sounds. Once you have locked the contents, you must enter the phone’s password to access the associated menus.

1. To select an item to lock, press the **Up** or **Down** key. To lock all of the contents, select **All**.
2. To place a check mark, press the **Select** soft key or the ⓪ key.
3. To remove a check mark, press the ⓪ key.
4. To lock the marked items, press the **OK** soft key.
5. Enter a password and press the **OK** key.

When the phone asks for the password, enter the password and press the **OK** soft key or the ⓪ key.

Note: The password is preset to “00000000” at the factory. To change this password, see "Change Password" on page 95.

SIM lock

When the SIM Lock feature is enabled, your phone only works with the current SIM. You must enter the SIM lock code to unlock the SIM so you can use a different SIM card.

Once you have entered the lock code, you are asked to confirm your entry.

FDN Mode

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.

The following options are available:

- **Disable**: you can call any number.
- **Enable**: you can only call phone numbers stored in Phonebook. You must enter your PIN2. The following options are available:
  - Full length entries or wild cards can be entered in to the FDN list.
  - A full length number with a specific contact name can be entered into the FDN list.
  - Wildcard entries allow a range of numbers to be dialed with a single entry: ex. 555 – All dialed numbers that begin with 555 will be allowed. Numbers that do not match the conditions in the FDN list will be restricted. Note: Entering an asterisk (*) is not required for wild card entries.

Change PIN2

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must enter the current

PIN2 before you can specify a new one. Once you have entered a new PIN2, you are asked to confirm it by entering it again.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

Extra Settings

You can turn the automatic redialing or answering features on or off.

1. To turn a feature on, press the **Mark** soft key or the key. A check mark displays in front of the option.
2. To turn a feature off, press the **Unmark** soft key or the key. The check mark no longer displays.

The following options are available:

Note: The interval between call attempts varies.

- Auto redial: when this option is checked, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.
- Active Flip: when this option is checked, you can simply open the phone to answer a call. When it is unchecked, you must open the phone and press a key to answer a call, depending on the setting of the Anykey answer option. See below.
- Anykey answer: when this option is checked, you can answer an incoming call by pressing any key, except the key or the Reject soft key. To reject the call, press the key or the Reject soft key. When this option is unchecked, you must press the key or Accept soft key to answer a call.

Reset Settings

You can easily reset your phone to its default settings.

The following options are available:

- Sound settings: you can reset all sound settings to the default settings.
- Phone settings: you can reset all phone settings to the default settings.
- All settings: all settings are changed to the default settings.

To reset your phone:

1. Make a selection of the settings you wish to reset. At the Confirm screen, press the **Yes** soft key or the ⓪ key.

   Otherwise, press the **No** soft key and you will be returned to the previous screen.

Enter the 4- to 8-digit password and press the **OK** soft key or the ⓪ key.

The password is preset to “00000000.” To change this password, see "Change Password" on page 95.

Network Services

The Network Services feature allows you to set up the network functions supported by your carrier. Some of these services may not be available due to coverage area or service plans. If you have any questions, please contact the Customer Support center.

Call Forwarding

This network service enables incoming calls to be rerouted to the number that you specify.

Example: You may wish to forward your business calls to a colleague while you are on holiday.

To set your call forwarding options:

1. Select a call forwarding option by pressing the **Up** or **Down** key and then press the **Select** soft key or the ⓪ key.

   The following options are available:

   - Forward always: all calls are forwarded.
   - Busy: calls are forwarded when you are already on another call.
   - No reply: calls are forwarded when you do not answer the phone.
   - Unreachable: calls are forwarded when you are not in an area covered by your service provider or when your phone is switched off.
   - Cancel all: all call forwarding options are canceled.

2. Select the type of calls, voice or data, by pressing the **Up** or **Down** key, and then press the **Select** soft key or the ⓪ key.

   The current status displays. If the option has already been set, the number to which the calls are forwarded displays.

3. To activate call forwarding, press the **Activate** soft key. Go to step 6.

4. To change the number to be called, press the **Change** soft key. Go to step 6.

5. To deactivate call forwarding, press the **Remove** soft key.

6. Enter the number to which the calls are to be forwarded and press the **OK** soft key or the ⓪ key.
   To enter an international code, press the **0** key until the **+** sign displays.
7. When you select **No reply** in step 1, select the length of time the network waits for before forwarding a call.

   The phone sends your settings to the network and the network's acknowledgement displays.

Call Waiting

This network service informs you when someone is trying to reach you during another call.

You can specify individual call waiting options for voice calls and / or data calls.

To set your call waiting options:

1. Select the type of calls, voice or data, to which the call waiting option is to be applied by pressing the Up or Down key and then press the Select soft key or the ⓪ key.

   The screen informs you whether call waiting is activated or deactivated.
2. You can activate or deactivate the Call Waiting feature using the **Activate** or **Deactivate** soft key respectively.
3. To return to the previous screen, press the **Exit** soft key.

Network Selection

The Network Selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

Note: You can select a network other than your home network only if there is a valid roaming agreement between the two.

To change the Network Selection mode:

1. Highlight the Default setup option then press the **Select** soft key or the key.

   If you select Automatic, you are connected to the first available network when roaming.

   If you select Manual, go to step 2.

2. After scanning the network, the phone will display available networks. Highlight the network that you want by pressing the **Up** or **Down** key and then press the **Select** soft key or the key.

   The phone will scan for that network and you will be connected.

Caller ID

You can prevent your phone number from being displayed on the phone of the person being called.

Note: Some networks do not allow you to change this setting.

The following options are available:

- Default: the default setting provided by the network is used.
- Hide number: your number does not display on the other person's phone.
- Send number: your number is sent each time you make a call.

Band Selection

This menu option provides the ability to set the band for your phone. Choose from GSM 850 / 1900, GSM 1800, or Automatic.

Section 9: Organizer

Topics Covered

- Alarm
- Calendar
- Calculator
- To Do List
- Voice memo
- Conversion
- Timer
- Stopwatch

The topics covered in this section allow you to schedule appointments, view the calendar, create To-Do lists, set an alarm, and perform simple math calculations.

Alarm

This feature allows you to:

- set the alarm to ring at a specific time.
- set the phone to switch on automatically and ring the alarm even if the phone is switched off.

The following options are available:

- Wake-up Call: the alarm rings to wake you up in the morning.
- Alarm1: set the day, time, and tone for this alarm.
- Alarm2: set the day, time, and tone for this alarm.
- Auto power: alarm rings at the specified time even if the phone is turned off. If the option is set to Disable and the phone is switched off at the specified time, the alarm does not ring.

To set the alarm:

1. Choose the type of alarm to be set and press the **Select** soft key or the key.
2. Press the **Options** soft key to choose from the following options:
   - Alarm day: select the days of the week for the alarm.
   - Alarm time: enter the time for the alarm.
   - Alarm tone: select an alarm melody.
   - Remove alarm: removes the set alarm.
3. Highlight **Alarm day** and press **Select** soft key or the key. Select the days that you want the alarm to sound using the **Select** soft key. Press the **OK** soft key to save.

4. Highlight the **Alarm time** and press the **Select** soft key or the key. Enter the time and press the **OK** soft key or the key. Select **AM** or **PM** and press the **Select** soft key or key.
5. Highlight **Alarm tone** and press the **Select** soft key or the key. Highlight your choice and press the **Select** soft key or the key.
6. Press the key to return to Idle mode.

Note: Your phone is preset to a 12-hour format. To change the time format, see "Time & Date" on page 84.

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7. To stop the alarm when it rings, open the phone and press the **Confirm** soft key, Volume keys, **C** key, key, or key.

Calendar

With the Calendar feature, you can:

- consult the calendar and check your memos.
- write memos to keep track of your schedule.
- set an alarm to act as a reminder, if necessary.

Consulting the Calendar

When you select the Calendar menu, the calendar displays with today's date highlighted. The following options are available when you press the **Options** soft key:

- Add memo: allows you to write a memo and save it to the scheduler, to do list, call, or anniversary list.

- Go to date: allows you to jump to a specific date.
- View all: displays all memos set, starting with the oldest, regardless of the day. To scroll through the memos, press the Up or Down key.
- Delete day: allows you to delete all memo's for the specified day.
- Delete all: allows you to delete all of the memos. You are asked to confirm your action.

Writing a Memo

You can make up to 100 memos for the calendar. More than one memo can be made for one day.

To write or edit a memo on a specific date:

1. Select a date on the calendar, using the Navigation keys.
2. Press the ⓪ key.

   An empty memo screen displays to allow you to enter your memo.
3. Enter your memo and then press the **OK** soft key or the ⓪ key.

Note: For further details about how to enter characters, see "Using ABC Mode" on page 47.

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4. Choose from the following **Save to** options:
   - Scheduler: saves the memo to the Scheduler.
   - To do list: saves the memo to the To do list.
   - Call: saves the memo to your Call list.
   - Anniversary: saves the memo to your Anniversary list.

5. You are asked if you wish to set an alarm. If you want the alarm to ring on the chosen day, press the **Yes** soft key or the ⓪ key.

   Otherwise, press the **No** soft key. The memo is saved and the display returns to the calendar.

6. If you pressed the **Yes** soft key or the ⓪ key, set the time for the alarm and press the **OK** soft key or the ⓪ key.

Notes: Your phone is preset to a 12-hour format. To change the time format, see "Time & Date" on page 90.
When the alarm time you set occurs, the alarm rings. To view details about the memo, press the **View** soft key or the ⓪ key. To stop the alarm, press the **Exit** soft key, or the key.

You can also select the melody for the alarm by pressing the Melody soft key.

7. If applicable, select **AM** or **PM** and press the **Select** soft key or the ⓪ key.

The color of the date on the calendar changes to green to indicate that a memo exists for that date.

Viewing a Memo

When you select a day on which more than one memo exists, the latest memo for the day displays.

In that case, press the **Left** or **Right** key to scroll to the previous or next memo.

You can access the following options by pressing the **Options** soft key:

- Add: allows you to add a new memo for the day.
- Delete: deletes the memo.

- Edit: allows you to change the memo text.
- Move: allows you to change the time or date of the memo.
- Copy: allows you to copy the memo to another date or time.

Calculator

With 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. Enter the operation for your calculation by pressing the # key according to the illustration on the display. The * key is used for the decimal.
3. Enter the second number.
4. To view the result, press the ⓪ key.

Repeat steps 1 to 4 as many times as required.

To Do List

This feature allows you to:

- enter a list of tasks to be done.

Creating the To Do List

1. Press the **Select** soft key or the ⓪ key. Press the **Options** soft key or the ⓪ key.
2. Enter the first task.

Note: For further details about how to enter characters, see "Using ABC Mode" on page 47.

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3. Press the **OK** soft key or the ⓪ key.

4. Select a date and press the **Select** soft key or the ⓪ key. Enter a time and press the **OK** soft key or the ⓪ key. Highlight **AM** or **PM** and press the **Select** soft key or the ⓪ key. You may set an alarm if you wish.
5. To edit the To Do List, use the following options.

Editing the To Do List

When you select the **To do list** menu option, the current contents display with a status mark, if the task has been done ☑, or is undone ☐.

1. Highlight the task that you wish to edit and press the **Select** soft key or ⓪ key.To change the status of a task, press the **Options** soft key and use the **Up** and **Down** keys to select the **Mark** option. Then press the **Select** soft key or ⓪ key.
2. Use the Up or Down navigation key to mark the task as **Done** or **Undo**.

By pressing the **Options** soft key or the ⓪ key on the list or the task view, you can access the following options:

- Add: allows you to create a new task.
- Mark: allows you to change the status of the current task to either **Done** or **Undo**.
- Edit: allows you to change the text, priority, and/or deadline for the current task.
- Move: allows you to move the task to another date.
- Copy: makes a copy of the current task.
- Delete: deletes the current task.
- Delete all: allows you to delete all of the tasks.

Voice Memo

You can record voice memos. After recording, you can send the memo to other people via the Multimedia Message Service.

Record Voice

This menu allows you to record a new memo. Recording time is limited to free memory space available.

1. To start recording, press the **Select** soft key or the key.
2. Record a memo by speaking into the microphone.
3. Press the **Select** soft key or the key to stop the recording.
4. Press the **Options** soft key to display the following options:
   - Send: send the voice memo by Picture Messaging.
   - Rename: change the name of the voice memo.
   - Delete: delete the voice memo.
   - Properties: view the properties of the voice memo.
5. To exit, press the key.

Voice Memos

This menu shows a list of saved voice memos. Scroll to a memo and press the **Select** soft key. The voice memo will play. Press the **Options** soft key. The following options are available:

- Send: allows you to send the memo to other people by using the Picture Messaging feature. See "Creating and Sending a Multimedia Message" on page 69 for further details about sending a message.

- Rename: allows you to change the memo's name.
- Delete: allows you to delete the memo.
- Properties: displays information about the memo, such as the name, size, and format.

Delete All

In this menu, you can delete all of your voice memos.

When the confirmation message appears, press the **Yes** soft key. To cancel the deletion, press the **No** soft key.

Settings

In this menu, you can view and set the settings for your voice memos. The following options are available:

- Recording time: allows you to set the recording time to Normal or Limit size (for Picture Messaging).
- Volume: allows you to set the default volume for the recording.
- Default name: allows you to set the default name for the recordings.

Memory Status

You can check the amount of memory being used and the memory remaining for voice memos.

The display shows you the total, used, and free memory, including the number of memos you have stored and the total number of memos you can store.

Conversion

The conversion menu provides the following conversion categories:

- Length

- Weight
- Volume
- Area
- Temperature

Timer

You can use this menu to set a timer. To enable the Timer, use the following options:

1. Press the **Set** soft key to enter the length of time.
2. Enter the time and press the **OK** soft key.
3. Press the **Start** soft key to start the timer. Press the **Stop** soft key to stop the timer.
4. To stop the alarm, press the soft key or the key.

Stopwatch

You can use this menu to access the Stopwatch feature.

To enable the Stopwatch:

1. Press the **OK** soft key to start the stopwatch.
2. After starting the stopwatch, you may press the **OK** soft key up to four times to have four different times displayed. This may be used as a lap counter. The time displayed at the top of the display is cumulative.
3. Press the **Reset** soft key to reset all times to zero.

Section 10: Funbox

Topics Covered

- t-zones
- Sounds
- Images
- Games
- Delete All
- Memory Status

The Funbox menu contains menus to download games, sounds, and images.

t-zones

Your phone is equipped with a WAP (Wireless Application Protocol) browser to allow you to access and navigate the Wireless Web using your phone. For more information, see "Section 11: t-zones" on page 119.

Sounds

In this menu, you can view the list of sounds downloaded from the web server or received in multimedia messages. You can set a downloaded sound as the current ring tone.

Scroll to the sound you want to listen and press the **Play** soft key or the ⓪ key.

By pressing the **Options** soft key or the ⓪ key, you can access the following options:

- Set as ring tone: allows you to set the sound as your ring tone.
- Rename: allows you to change the name of the sound.
- Delete: allows you to delete the sound.
- Properties: displays the melody name, size, format and copyright information.

Using the **Get More MegaTones** option on the sounds list, you can access the web site preset by your service provider and download new sounds.

Images

In this menu, you can view the list of images downloaded from the web server or received in messages. You can set a downloaded image as the current background image.

Scroll to the image you want to view and press the **View** soft key or the ⓪ key.

By pressing the **Options** soft key or the ⓪ key, you can access the following options:

- Send: allows you to send the image to a phone number or an email address.
- Set as wallpaper: allows you to set the image as your wallpaper for the idle screen.
- Rename: allows you to change the name of the image.
- Delete: allows you to delete the image.
- Properties: displays the melody name, size, format and copyright information.

Using the **Get More Wallpapers** option on the images list, you can access the web site preset by your service provider and download new images. Scroll to the **Get More Wallpapers** option and press the **Connect** soft key or the ⓪ key.

Games

You can download MIDlets (Java applications that run on mobile phones) from various sources using the WAP Browser and store them in your phone.

When you access the Games menu, the list of default games appears. Once you have downloaded games, they are added to the list.

Note: Java services may not be available, depending on your service provider.

Downloading a New Game

You can download more games from the web site preset by your service provider using the **Get More Games**

option. Scroll to the **Get More Games** option and press the **Connect** soft key or the ⓪ key.

Launching a MIDlet

Note: The procedure explained below is for the default games. For downloaded games, the procedure may be different.

1. Scroll to the MIDlet you want on the Games list and press the ⓪ key. Or, press the **Options** soft key, scroll to the Launch option and press the **Select** soft key or the ⓪ key.
2. On the startup screen of the MIDlet, scroll to an option using the Navigation keys.

   The following options are available:

   - START GAME: starts a new game.
   - CONTINUE: allows you to continue the last game you played.
   - HIGH SCORE: shows the high score table. This option may not be available for some games.
   - HOW TO PLAY: shows how to play the game and the key functions for the game.
   - OPTION: allows you to switch the game sound on or off.
3. Press the ⓪ key to confirm your selection.

Viewing MIDlet Information

1. Scroll to the MIDlet you want and press the **Options** soft key.
2. Highlight the **Properties** option and press the **Select** soft key or the ⓪ key.

   The display shows information about the MIDlet, such as the file size, application version, and its vendor.

3. To scroll to other MIDlet information, press the Navigation keys.
4. If you want to delete a MIDlet, press the Delete soft key and then press the **Yes** soft key or the @ key to confirm the deletion.

Note: When you select default games from the list, the Delete option is not available.

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5. To exit and return to the Games list, press the **Left** soft key or the **C** key.

Entering text

If you need to enter text while using a MIDlet, you can access the following input modes:

Upper-case character mode (A): allows you to enter upper-case English characters.

Lower-case character mode (a): allows you to enter lower-case English characters.

Number mode (1): allows you to enter numbers.

Symbol mode: allows you to enter symbols. After highlighting a symbol by pressing the Navigation keys, press the @ key to insert it.

T9 mode (T9): allows you to enter English characters by pressing one key per letter. In this mode, you can change the case by pressing the **0** key.

To change the text input mode, press the * key until the appropriate indicator appears on the soft key area of the display.

Delete All

This menu allows you to delete all of the downloaded items in the Sounds and Images folders separately. You can delete all of the items at one time.

1. Using the **Up** or **Down** key, select a folder to clear and press the **Select** soft key or the ⓪ key.
2. If deleting from the Sounds folder, press the **Select** soft key or the ⓪ key to place or remove a check mark. To delete all of your items, select **All**. To delete the marked items, press the **OK** soft key.

When a confirmation message displays, press the **Yes** soft key or the ⓪ key to confirm.

Memory Status

You can check the amount of memory being used and memory remaining for games, or sounds and images.

Section 11: t-zones

Topics Covered

- t-zones

This section outlines the t-zones service on your phone. For more information, contact your service provider.

t-zones

Your phone is equipped with a WAP (Wireless Application Protocol) browser to allow you to access and navigate the Wireless Web using your phone.

Home

Selecting this menu connects the phone to the network and loads the t-zones homepage of the Wireless Web service provider. You can also press the key in Idle mode to launch the t-zones browser.

The content of the WAP Browser startup homepage depends on your Wireless Web service provider. To scroll through the screen, use the **Up** and **Down** keys.

To go to the startup homepage from any other screen in the WAP Browser, use the Home option. For more information on the WAP Browser menus, see "Selecting and Using Menu Options" on page 121.

Exiting the WAP Browser

To exit the browser at any time, simply press the key.

Navigating the WAP Browser

1. To scroll through browser items, press the **Up** or **Down** key.
2. To select browser items, press the **Select** soft key.
3. To return to the previous page, press the **Back** soft key or the **C** key.

Entering Text in the WAP Browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen.

The following modes are available:

Upper-case character mode (A): allows you to enter upper-case English characters.

Lower-case character mode (a): allows you to enter lower-case English characters.

You can enter symbols in upper or lower-case character mode by pressing the 1 key.

Number mode (1): allows you to enter numbers.

- To change the text input mode, press the key one or more times.
- To enter a space, press the # key.
- To edit text, set the cursor to the right of the character(s) to be corrected.
- Press the **C** key as required.
- Enter the correct character(s).

Selecting and Using Menu Options

Various menus are available when you are using the WAP Browser to navigate the Wireless Web.

To access a menu option:

1. Press the **Options** soft key. A menu displays.
2. Highlight a menu by pressing the **Up** and **Down** keys.
3. Select the option by pressing the **Select** soft key or the key.
4. If necessary, select a secondary option using the **Up** and **Down** keys, and press the **Select** soft key or the key to confirm.

Note: The menus may vary, depending on your version of the WAP Browser.

The following options are available:

- Bookmarks: shows the bookmarks list. You can bookmark the current web page or access previously bookmarked pages.
- Reload: reloads the current page.
- Home: takes you back at any time to the home page of the Wireless Web service provider.
- Goto URL: allows you to manually enter the URL address of a Web page. After entering an address, press the OK soft key or ⓪ key to go there directly.
- Show URL: displays the URL address of the Web page to which you are currently connected. It also enables you to set the current site as the startup home page.
- Clear cache: deletes the information stored in the cache. The cache stores the most recently accessed Web pages.
- Security info: shows security information when you access the wireless web with the secured WAP setting activated.
- Inbox: allows you to read messages received from a web server.
- Show images: shows the image on the current web page.

Favorites

This menu stores up to 15 URL addresses.

To store a URL address:

1. Select an empty location and press the **Select** soft key or the ⓪ key.
2. Enter the address and press the **OK** soft key or the ⓪ key.

Note: For further details about how to enter characters, see "Using ABC Mode" on page 47.

3. Enter a name for the favorite item and press the **OK** soft key or the ⓪ key.

After saving a favorite item, you can select the item and access the following options by pressing the **Options** soft key or the ⓪ key:

- Go: takes you to the site.
- Edit: allows you to edit the address.
- Delete: allows you to delete the address.

Go to URL

This menu allows you to manually enter the URL address of a web site that you wish to access. Enter the address and press the **OK** soft key or the ⓪ key.

For further details about entering characters, see "Section 5: Entering Text" on page 43.

Clear Cache

You can clear the information stored in the cache, which is the phone's temporary memory which stores the most recently accessed Web pages.

Press the **Yes** soft key at the **Sure to clear?** prompt to confirm the deletion. Otherwise, press the **No** soft key.

Section 12: Health and Safety Information

Topics Covered

- Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safety use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W / kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W / kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

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 exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. Body-worn operations are restricted to Samsung-supplied, approved, or non-Samsung designated accessories that have no metal and must provide at least 1.5 cm separation between the device, including its antenna (whether extended or retracted) and the user's body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: GSM850 - 1.220 W/Kg, PCS - 0.845W/Kg
- Body-worn: GSM850 - 0.592 W/Kg, PCS - 0.760W/Kg

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID(A3LSGHX495) number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

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.

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.

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.

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 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, glioma, 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 phones 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.

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 ten 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.

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 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.

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.

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.

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.

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.

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 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.

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

- Updated 4/3/2002: US food and Drug Administration http://www.fda.gov/cellphones

Road Safety

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

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

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an 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, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your Phonebook takes 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 9-1-1 or other local 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 number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com

Provided by the Cellular Telecommunications & Internet Association

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).

Using Your Phone Near Other 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 off 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 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 the phone off while at a refueling 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, 911 or other official emergency number). 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.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play

with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can

require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

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 phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Hold the phone with the antenna raised, fully-extended and over your shoulder.
- Try not to hold, bend or twist the phone's antenna.
- Don't use the phone if the antenna is damaged.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and / or usage charges. Not all features are available for purchase or use

in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- 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. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

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.

Section 13: Warranty Information

Topics Covered

- Standard Limited Warranty

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case / Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories,

products, or ancillary / peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired /

replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired / replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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