

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

**SAMSUNG ELECTRONICS**



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

Printed in Korea  
Code No.:GH68-16752A  
English. 01/2008. Rev. 1.0



**SAMSUNG**

**SCH-S259  
User's Guide**



**SAMSUNG**



**vSleek  
User Manual**



# Important safety precautions



Failure to comply with the following precautions may be dangerous or illegal.

## **Drive safely at all times**

Do not use a hand-held phone while driving. Park your vehicle first.

## **Switch off the phone when refuelling**

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

## **Switch off in an aircraft**

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

## **Switch off the phone near all medical equipment**

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

## **Interference**

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

## Be aware of special regulations

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


## Water resistance

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

## Sensible use

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

## Emergency calls

Key in the emergency number for your present location, then press .

## Keep your phone away from small children

Keep the phone and all its parts, including accessories, out of the reach of small children.

## Accessories and batteries

Use only Samsung-approved batteries and accessories, such as headsets and PC data cables.

Use of any unauthorised accessories could damage you or your phone and may be dangerous.

- The phone could explode if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions.



At very high volumes, prolonged listening to a headset can damage your hearing.

## Use of authorised software

Use only Samsung-authorised software. The use of any unauthorised software could damage your phone.

## Qualified service

Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and safety information" on page 34.

# About this Guide

This User's Guide provides you with condensed information about how to use your phone.

In this guide, the following instruction icons appear:



Indicates that you need to pay careful attention to the subsequent information regarding safety or phone features.



Indicates that you need to press the Navigation keys to scroll to the specified option and then select it.



Indicates a key on the phone. For example, [↶]



Indicates a soft key, whose function is displayed on the phone screen. For example, <Menu>



## • Camera and camcorder

Use the camera module on your phone to take a photo or record a video.

## *Special features of your phone*



## • MP3 player

Play music files using your phone as an MP3 player.



## • FM radio

Listen to your favourite radio stations anytime, anywhere.



- **Photo studio**

Add a frame or apply special effects to decorate your photos.



- **Flight mode**

Switch your phone to Flight mode to use its non-wireless functions while on an airplane.



- **Web browser**

Access the wireless web to get up-to-the-minute information and a wide variety of media content.



- **SOS message**

Send SOS messages to your family or friends for help in an emergency.



- **Memory disk**

Access an external memory card to copy files directly by connecting the phone to a PC.



- **Cricket scorer**

Keep track of the cricket score.

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## Overview of menu functions

To access Menu mode, press **<Menu>** in Idle mode.

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### 2 Calls

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## Unpack

*Make sure you have each item*

- Phone
- Travel adapter
- Battery
- User's Guide

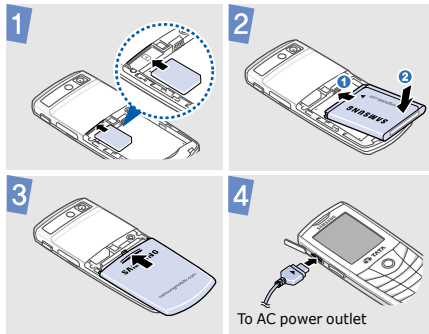
You can obtain various accessories from your local Samsung dealer.

- ☒ The items supplied with your phone and the accessories available at your Samsung dealer may vary, depending on your country or service provider.

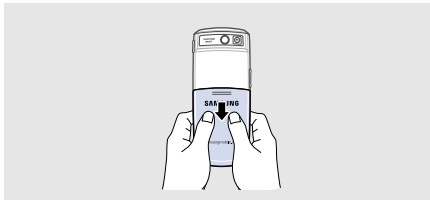
## Get started

*First steps to operating your phone*

### Assemble and charge the phone



## Removing the battery cover



## Power on or off

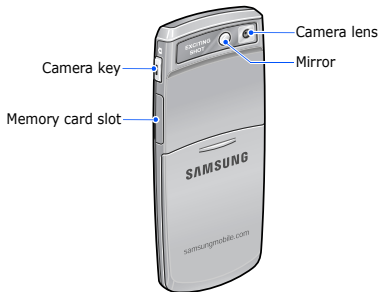
Switch on	<ol style="list-style-type: none"><li>1. Press and hold [📞].</li><li>2. If necessary, enter the PIN and press &lt;OK&gt;.</li></ol>
Switch off	Press and hold [📞].

## Phone layout

### Front view



## Rear view



- ☒ You can lock the keypad to prevent any unwanted phone operations from accidentally pressing any of the keys. In Idle mode, press and hold [✱]. To unlock the keypad, press the left soft key and then [✱].

## Keys and icons

### Keys



Perform the function indicated on the bottom line of the display.



In Idle mode, access the following menus:

- Up: **MP3**; SSR mode when held down
- Down: **FM radio**
- Left: **Calendar**
- Right: **Text message**

In Menu mode, scroll through menu options.



In Idle mode, enter the **do mOre** menu. Press and hold to enter the **TATA zone** menu.

In Menu mode, perform the functions indicated on the bottom line of the display.



Make or answer a call.

In Idle mode, retrieve the numbers recently dialed, missed, or received.



Delete characters from the display.

In Menu mode, return the display to the previous menu level.



Press and hold to switch the phone on or off.

End a call.

In Menu mode, cancel input and return the phone to Idle mode.



Enter numbers, letters, and some special characters.

In Idle mode, press and hold [0] to enter an international call prefix.



Enter special characters or perform special functions.



In Idle mode, press and hold [\*] to lock the keypad. Press and hold [#] to activate or deactivate Silent mode.



In Idle mode, enter the **Camera** menu. Press and hold to turn on the camera.

In Camera mode, take a photo or record a video.



Adjust the phone volume.

### Icons

The following icons may appear on the top line of the screen to indicate your phone's status. Depending on your country or service provider, the icons shown on the display may vary.



Signal strength



Roaming network



Call in progress



Out of your service area or Flight mode



Transferring data in 1X network



Memory card inserted



Lock mode



Keys locked







SOS message feature active



Alarm status









New message:

-  : Text message
-  : Multimedia message
-  : Urgent text message
-  : Voicemail



Ringer type:

-  : Ringer only
-  : Silent
-  : Vibration
-  : Vib. & ringer
-  : Vib. then ringer
-  : Ringer then vib.



Silent mode





SSR (Simple Smart Ringtone) mode



Battery power level

## Access menu functions

### Select an option

1. Press a desired soft key.
2. Press the Navigation keys to move to the next or previous option.
3. Press **<Select>**, **<Save>**, or [- 4. Press [**C**] to move up one level.  
Press [

### Use menu numbers

Press the number key corresponding to the option you want.

## Enter text

Change the text input mode	<ol style="list-style-type: none"><li>1. In the text entry screen, press &lt;<b>Mode</b>&gt;.</li><li>2. Select the mode you want.</li></ol>
ABC mode or Hindi mode	<p>To enter a word:</p> <p>Press the appropriate key until the character you want appears on the display.</p>
T9 English mode or T9 Hindi mode	<p>To enter a word:</p> <ol style="list-style-type: none"><li>1. Press [<b>2</b>] to [<b>9</b>] to start entering a word.</li><li>2. Enter the whole word before editing or deleting characters.</li></ol>

	<ol style="list-style-type: none"><li>3. When the word displays correctly, press [<b>#</b>] to insert a space. Otherwise, press [<b>0</b>] to display alternative word choices.</li></ol>
Hinglish mode	Enter a Hinglish word, which is made by combining of Hindi and English according to Hindi grammar.
Number mode	Press the keys corresponding to the digits you want.
Symbol mode	Press the corresponding number key to select a symbol.

Copy and paste text	<ol style="list-style-type: none"> <li>1. In a text input field, press <b>&lt;Options&gt;</b> and select <b>Copy/Paste</b> → <b>Manual copy</b>. To copy the whole text, select <b>Full copy</b>.</li> <li>2. Highlight the text you want and press <b>&lt;Select&gt;</b>.</li> <li>3. Press <b>&lt;Options&gt;</b> and select <b>Copy/Paste</b> → <b>Paste</b> to paste the copied text.</li> </ol>
Other operations	<ul style="list-style-type: none"> <li>• Press [<b>1</b>] to enter punctuation marks or special characters in ABC mode and T9 English mode.</li> <li>• Press [<b>✖</b>] to change case in ABC mode and T9 English mode.</li> </ul>

	<ul style="list-style-type: none"> <li>• Press [<b>#</b>] to insert a space.</li> <li>• Press the Navigation keys to move the cursor.</li> <li>• Press [<b>C</b>] to delete characters one by one.</li> <li>• Press and hold [<b>C</b>] to clear the entire display.</li> </ul>
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## Customise your phone

Display language	<ol style="list-style-type: none"> <li>1. In Idle mode, press <b>&lt;Menu&gt;</b> and select <b>Settings</b> → <b>Language</b>.</li> <li>2. Select a language.</li> </ol>
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### Call ringer melody

1. In Idle mode, press <**Menu**> and select **Sounds** → **Ringer**.
2. Press [Left] or [Right] to select an item type.
3. Press [Down] and then Press [Left] or [Right] to select a ringtone category.
4. Scroll to a ringtone and press <**Play**> to listen to a melody.
5. Press <**Save**>.

### Key tone volume

In Idle mode, press [Volume] to adjust the key tone volume and then <**Save**>.

### Idle mode wallpaper

1. In Idle mode, press <**Menu**> and select **Display** → **Wallpaper** → **Image**.
2. Select a category.
3. Press [Left] or [Right] to select an image.
4. Press <**Save**> or <**Select**>.

### Silent mode

You can switch the phone to Silent mode to avoid disturbing other people. In Idle mode, press and hold [#].

### SSR mode

You can use SSR (Simple Smart Ringtone) mode. The phone will alert you to incoming calls in noisy places by simultaneously vibrating and ringing at the highest volume. In Idle mode, press and hold [Up].

### Phone lock

1. In Idle mode, press **<Menu>** and select **Settings** → **Security**.
2. Enter the default password, **0000**, and press **<Done>**.
3. Select **Change password**.
4. Enter a new 4-digit password and press **<Done>**.

5. Enter the new password again and press **<Done>**.
6. Select **Lock mode**.
7. Select **Once** or **On**.

## Use an optional memory card

### Important memory card information

- Frequent erasing and writing will shorten a card's lifespan.
- Do not remove a card from the phone or turn off the phone while data is being accessed or transferred. This could result in loss of data and/or damage to the card or phone.

- Do not subject cards to strong shocks.
- Do not touch card terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.
- Keep cards away from small children or pets.
- Do not expose cards in a place subject to electrostatic discharge and/or electrical noise.

#### **Insert a memory card**

1. Insert the card into the card slot, with the label side face up.



2. Press the card until it locks into place.

#### **Remove the memory card**



1. Press the card so that it is disengaged from the phone.
2. Remove the card from the slot.

## Step outside the phone



*Begin with call functions, camera, MP3 player, web browser, and other special features*

### Make or answer calls

#### Make a call


1. In Idle mode, enter an area code and phone number.
2. Press [].  
Press [Volume] to adjust the volume.
3. Press [] to end the call.

#### Answer a call

1. When the phone rings, press [].
2. Press [] to end the call.

### Use the camera



#### Take a photo

1. In Idle mode, press and hold [Camera] to turn on the camera.
2. Aim the lens at the subject and make any desired adjustments.
3. Press [] or [Camera] to take a photo.
4. Press <**Save**> or [Camera].

#### View a photo

1. In Idle mode, press [Camera] and select **My album** → **Single** or **Multi**.
2. Select the photo you want.

### Record a video

1. In Idle mode, press and hold [Camera] to turn on the camera.
2. Press [**1**] to switch to Record mode until the video record button displays.
3. Press [] or [Camera] to start recording.
4. Press [] to stop recording.
5. Press <**Save**> or [Camera].

### View a video

1. In Idle mode, press [Camera] and select **My album** → **Video cam**.
2. Select the video you want.
3. Press <**Play**>.

## Play music

You can create a playlist of your favourite music and play music files using the MP3 player. To use the MP3 player, you must insert a memory card into the phone.


### Copy music files to a memory card

1. Insert a memory card into the phone.
2. Connect your phone and PC with an optional PC data cable.
3. In Idle mode, press <**Menu**> and select **Utilities** → **User memory** → **Memory card** → **Connect to PC**.
4. Enter the password and press <**Done**>.



- 
5. Select **Open folder to view files** when a pop-up window appears on your PC.
  6. Copy files from the PC to the memory card.
  7. When you have finished, press <**Disconnect**> and then <**Yes**> to disconnect the phone from the PC.

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#### Create a playlist

1. In Idle mode, press [Up] and select **MP3 files**.
2. Press <**Options**> and select **Add to play list**.
3. Press <> to select files.
4. Press <**Add**>.

#### Play music files

1. In Idle mode, press [Up] and select **MP3 player**.
2. Press [] to begin playback.
3. During playback, use the following keys:
  - : pause or resume playback.
  - Up: change the repeat mode.
  - Down: open the playlist.
  - Left: start playback. Press to return to the previous file within 3 seconds after the playback has started.

- Right: skip to the next file. Press and hold to scan forward in a file.
  - **A-B**: set a section in a file to play the section repeatedly.
  - Volume: adjust the volume.
4. Press [**C**] to close the player.

## Listen to the FM radio

### Listen to the radio

1. Plug the connector of the supplied headset into the multi-function jack on the phone.

2. In Idle mode, press [Down].
3. Press <**On**> to turn on the radio.
4. Press [Left] or [Right] to find available radio stations. You can also press and hold [Left] or [Right].
5. Press <**Off**> to turn off the radio.

### Store radio stations

#### By automatic tuning:

From the radio screen, press <**Options**> and select **Self tuning**.

Available radio stations are automatically saved.

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### By manual setup:

1. Press [Left] or [Right] to select the station you want, or press [Up] in the radio screen and enter the frequency of the station when the frequency is highlighted.
2. Select a location in which you want to store the station.

## Browse the web



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### Launch the web browser

In Idle mode, press [>] and select **Mobile browser**. The homepage of your service provider opens.

---

### Navigate the web

- To scroll through browser items, press the Navigation keys.
- To select an item, press <**OK**> or <>.
- To return to the previous page, press [**C**].
- To access browser options, press <**Menu**> or press and hold [>].

## Use Contacts

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### Add a contact


1. In Idle mode, enter a phone number and press <**Save**>.
2. Select **New entry**.
3. Press <**Edit**>.



4. Enter a name and press **<Next>**.
5. To add a contact to the phone's memory, press [Left] or [Right] and select a number type.
6. Specify contact information.
7. Press **<Save>** to save the contact.

#### Find a contact

1. In Idle mode, press **<Search>**.
2. Select a search method.
3. Enter the first few letters of the name you want, select a contact group, or select a memory location.
4. Select a contact.

5. Scroll to a number and press [, ] to dial, or press **<Edit>** to edit contact information.

## Send messages

#### Send a text message

1. In Idle mode, press [Right] and select **New message**.
2. Enter the message text and press **<Next>**.  
When you fill a page with text, the screen automatically moves to the next page. You have 3 pages available.
3. Press **<Next>** again.
4. Enter destination numbers.
5. Press **<Send>** to send the message.

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**Send a  
multimedia  
message**

1. In Idle mode, press <**Menu**> and select **Messages** → **Multimedia message** → **New message**.
2. Enter the destination numbers and press <**Save**>. You can press [Left] or [Right] to select **Cc** or **Bcc**, and enter Cc or Bcc numbers.
3. Move to **Subject**.
4. Enter the message subject and press <**Save**>.

5. Move to **Slide 1**. Press <**Menu**> and select **Add** to add slides.
6. Move to **Picture**.
7. Press <**Menu**> and select a category → a file.
8. Move to **Message**.
9. Enter the message text and press <**Save**>.
10. Move to **Sound**.
11. Press <**Menu**> and select a category → a file.
12. Press <**Send**> to send the message.

## View messages

### View a message

1. In Idle mode, press [Right] and select **Inbox** → **Text**.
2. Select a message.

### View a multimedia message

1. In Idle mode, press <**Menu**> and select **Messages** → **Multimedia message** → **Inbox**.
2. Select a multimedia message.

## *Menu functions*

*All menu options listed*

This section provides brief explanations of menu functions on your phone.

### **do mOre**

Menu	Description
TATA zone	Download and use various Brew applications.
Mobile browser	Connect your phone to the network and load the homepage of the wireless web service provider.

### **Menu**

### **Description**

#### **SMS Services**

Use a variety of additional services offered by your service provider. This menu is available only when you use a UTK UIM card that provides additional services.

### **Calls**

### **Menu**

### **Description**

#### **Missed, Incoming, Outgoing, Rejected**

Check the most recent calls dialed, received, missed, or rejected.

#### **Air time**

Check the time record for calls made and received.

## *Menu functions*

Menu	Description
Area code	Find and retrieve area or country codes to quickly and easily dial phone numbers.
Call reject	Make a list of numbers and groups from which you want to reject calls, and set how to reject those calls.
Call settings	Set up various settings for making or answering a call. You can also switch the phone to Flight mode, in which the phone functions requiring network connection are deactivated.

## **Display**

Menu	Description
Wallpaper	Change the background image or set a banner message to be displayed on the idle screen.
Functional screen	Select a function screen to be displayed in Idle mode.
Power On/Off	Select the image that the phone displays when it is switched on or off.
Dialing font	Select a font colour for digits to be displayed when you enter a phone number for dialling.

Menu	Description
Time settings	Set the current time and date or set up the time zones for the dual clock wallpaper.
Backlight → Main LCD	Select the length of time the backlight stays on when the phone is not used.
Backlight → LCD brightness	Adjust the brightness of the display for varying lighting conditions.
Backlight → Keypad	Set how the phone controls the use of the keypad light.

## Sounds

Menu	Description
Ringer	Set a ringer for calls, messages, or alarms.
Ringer Vol./Type	Adjust the ringer volume for calls, messages, or alarms.
Key tone	Select the tone that the phone sounds when you press a key.
Function alert	Set up audible alerts at a specified time to inform you that certain things have happened.
Hour alert	Set the phone to sound an alert every hour on the hour.

## *Menu functions*

Menu	Description
Cricket alert	Set the phone to alert you of the state of the current cricket game.

## **Messages**

Menu	Description
Text message, Multimedia message → New message	Create and send text or multimedia messages.
Text message, Multimedia message → Inbox, Outbox, Draft	Access messages that you have received, sent, saved to send at a later time, or that have failed during sending.

Menu	Description
Multimedia message → Alertbox	Access MMS notifications that you have received from the MMS server.
Text message, Multimedia message → Settings	Customise settings of various options for sending or receiving messages.
Text message → SMS Group	Create groups to which you most frequently send SMS messages.
SOS message	Specify options for sending and receiving an SOS message. You can send an SOS message by pressing [Volume] 4 times when the exposed keypad is locked.

Menu	Description
Message settings	Set up various options for using the messaging services.
Memory info	Check the number of messages you have stored on the UIM card or in the phone's memory.

## Entertainment

Menu	Description
Camera → Take photo	Take photos or record videos.
Camera → My album	Access the list of photos and videos in the phone's memory.

Menu	Description
Camera → External album	Access the list of photos and videos on a memory card.
Camera → Photo studio	Edit photos by applying special effects and adding decorative frames.
Camera → Settings	Customise settings of various options for using the camera.
FM radio	Listen to music or news via the FM radio on your phone.
Games	Play various games.
MP3	Listen to music. You can also make your own music playlist.



## *Menu functions*

Menu	Description
Cricket scorer	Set the phone to let you know the cricket score. To use this service, you need to register your number first. You may be additionally charged for using the service.

## **Contacts**

Menu	Description
Search	Search for contact information stored in Contacts.
Add	Add a new contact to Contacts.

Menu	Description
Group settings	Set up a caller group list for organising contacts.
Speed dial	Assign a speed dial number for your most frequently dialled numbers.
My phone #	Check your phone number, or edit your number.
Memory info	Check memory information for contacts.

## Utilities

Menu	Description
Today	View information of scheduled items for the current day.
Calendar → Calendar	Keep track of your schedule.
Calendar → Panchang	View the Panchang, ancient Vedic astrology, for a specific date.
Task list	Make a list of tasks you need to do.
Alarm	Set a wake-up call to wake you up in the morning or an alarm to alert you to an event at a specific time.

Menu	Description
User memory → Phone memory	View memory information in the phone's memory.
User memory → Memory card <sup>1</sup> → Connect to PC	Access a memory card from your PC.
User memory → Memory card <sup>1</sup> → File manager	Access the files on a memory card.
User memory → Memory card <sup>1</sup> → Memory info	Check memory information currently used on a memory card.
User memory → Memory card <sup>1</sup> → Format	Format a memory card.

1. This menu is only available when you insert a memory card into the phone.

## *Menu functions*

Menu	Description
Memo pad	Make memos for things that are important and manage them.
Calculator	Use the phone as a calculator or converter.
Countdown	Measure how long it takes you to do something or how many days remain until a specific event occurs. The alarm for the timer will sound at 9 AM on the target date.
Clock	Use your phone as a world clock or stopwatch.

## **Settings**

Menu	Description
Auto key lock	Set the phone to lock the keypad automatically when the display turns off or lock the keypad by manually pressing and holding [*] in Idle mode.
Security → Lock mode	Activate your phone password to protect your phone against unauthorised use.
Security → Change password	Change the phone password.

Menu	Description
Security → Emergency #	Store emergency numbers or edit them. You can dial these numbers, even if all outgoing calls are restricted.
Security → Voice privacy	Use an encrypted high security line so that people cannot eavesdrop on your conversation, or use a standard line.
Security → Restriction	Restrict all outgoing and incoming calls and the use of contacts.
Security → Clear memory	Delete contacts or messages stored on the UIM card or in the phone's memory.

Menu	Description
Security → Reset phone	Reset the phone's settings you have changed.
Security → Card setup	Access the security options for the UIM card.
Security → Mobile tracker	Set the phone to send the preset tracking message to your family or friends when someone tries to use your phone with another UIM card. This feature may be unavailable due to certain features supported by your service provider.
Entry method	Select a default text input mode.

Menu	Description
Language	Change the language of the display text.
Domain preset	Change the default domain name extensions.
Contents status	Check the amount of memory currently in use for storing media content.
Version	View your phone's information.

## *Health and safety information*

### **Exposure to Radio Frequency (RF) Signals**

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

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

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg<sup>1</sup>.

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.

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1. 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.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

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

## **For Body Operation**

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For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Samsung-supplied or approved accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum from the body.

- The minimum distance from the body for this model phone is written in the FCC certification information.

## *Health and safety information*

- Non compliance with the above conditions may violate FCC RF exposure guidelines.
- For more Information concerning exposure to radio frequency signals, see the following websites:
- Federal Communications Commission (FCC)  
<http://www.fcc.gov/oet/rfsafety>
- Cellular Telecommunications Industry Association (CTIA): <http://www.wow-com.com>
- U.S.Food and Drug Administration (FDA)  
<http://www.fda.gov/cdrh/consumer>
- World Health Organization (WHO)  
<http://www.who.int/peh-emf/en>

### **Precautions when using batteries**

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- 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, the type of battery, and the 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 temperature will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature.

A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and – terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

## **Road safety**

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

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, make sure that you are following the special regulations in a given area or country.

## **Operating environment**

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

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

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



## **Electronic devices**

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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 atmospheres**

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

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

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include the areas below decks 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**


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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.

## *Health and safety information*

To make an emergency call:

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

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

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

### **Other important safety information**

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Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Switch your phone off before boarding an aircraft. The use of wireless phones in aircraft may be dangerous to the operation of the aircraft, and is illegal.

Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

## Care and maintenance

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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 your phone and all its parts and accessories out of the reach of small children and pets. They may accidentally damage these things or choke on small parts.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals will corrode electronic circuits.
- Do not touch the phone with a wet hand while it is charging. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperature 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.
- 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.
- When the phone or battery gets wet, the label indicating water damage inside the phone changes colour. In this case, phone repairs are no longer guaranteed by the manufacturer's warranty, even if the warranty for your phone has not expired.

## *Health and safety information*

- If your phone has a flash or light, do not use it too close to the eyes of people or animals. This may cause damage to their eyes.
- 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.

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