* Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.
* Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

SAMSUNG ELECTRONICS SAMSUNG

SAMSUNG

SCH-S259
User's Guide

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 the 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 the 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 and 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-authoriesed software. The use of any unauthoriesed 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 57.

Important safety precautions

About this Guide

This User's Guide provides you with condensed information about how to use your phone. To quickly learn the basics for your phone, please refer to "Get started" and "Step outside the 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 can get more information on the referenced page.

→   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*

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

● **MP3 player**
Play music files using the phone as an MP3 player.

- **Messenger**
  Have a conversation with other people by sending and receiving instant messages.

- **Name card**
  Create name cards with your number and profile. Whenever introducing yourself to others, use this convenient electronic name card.

- **Alarm**
  Use your phone as an alarm clock to notify you of an impending event.

- **Photo studio**
  Add a frame or apply special effects to decorate your photos.

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

- **E-mail**
  Send and recieve e-mails with images, name cards, video, and audio attachments.

- **Bluetooth**
  Connect to a headset or hands-free kit using wireless Bluetooth technology.

- **Calendar**
  Keep track of your daily, weekly, and monthly schedule.

- **Calculator**
  Perform basic calculations and do currency conversions.

Contents

Overview of menu functions

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

Press <**Menu**> in Idle mode and then <**Favorite**>.

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 accessories available at your Samsung dealer may vary, depending on your country or service provider.
• Use the purchased accessories with only Samsung-authorised devices. The use of these accessories with other devices could cause problems and any repair costs would not be covered by the warranty.

Your phone

Keys, features, and locations

Get started

First steps to operating your phone

UIM card information

When you subscribe to a cellular network, you receive a plug-in UIM (User Identification Module) card loaded with your subscription details, such as your PIN, and available optional services.

Install and charge the phone

1. Remove the battery cover.

   ☑ If the phone is already on, first turn it off by pressing and holding [⚬].

2. Insert the UIM card.

   ☑ Make sure that the gold-coloured contacts on the card are face down.

3. Install the battery.

4. Reattach the battery cover.

5. Plug the travel adapter into the phone.

6. Plug the adapter into a standard AC wall outlet.

7. When the phone is completely charged (the battery icon becomes still), unplug the adapter from the power outlet.

8. Remove the adapter from the phone.

Low battery indicator

When the battery is low:

- a warning tone sounds,
- the battery low message displays, and
- the empty battery icon 🔲 blinks.

If the battery level becomes too low, the phone automatically turns off. Recharge your battery.

Power on or off

Switch on	1. Open the phone.
	2. Press [📞].
Do not turn on the phone when mobile phone use is prohibited.	3. If necessary, enter the PIN and press <**Done**>.

Switch off	1. Open the phone.
	2. Press and hold [📞].

Airplane mode

You can switch the phone to Airplane mode, in which the phone functions requiring network connection are deactivated. This mode is helpful when you want to use your phone in a place where you are not allowed to use mobile devices, such as in an airplane and at a hospital.

To switch to Airplane mode, press <**Menu**> and select **Calls** → **Call settings** → **Airplane mode** → **On**.

In Airplane mode, you can use non-wireless functions, such as games, camera, and MP3 player.

Keys and display

Keys

Soft keys	Perform the functions indicated on the bottom line of the display.
Navigation keys	In Idle mode, access the following menus directly: • Up: **MP3** • Down: **Magic** • Left: **Message**; **Mail** when held down • Right: **Calendar** In Menu mode, scroll through menu options.
Uni key	In Idle mode, launch the WAP browser. In Menu mode, work as a soft key.
Send key	Make or answer a call. In Idle mode, retrieve numbers recently dialled, missed, or received.
End key	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.

C (Clear) key	Delete characters from the display. In Menu mode, return to the previous menu level.
Numeric keys	Enter numbers, letters, and some special characters. In Idle mode, press and hold [**0**] to enter an international call prefix.
Special key	Enter special characters. In Idle mode, press and hold [#] to activate or deactivate Silent mode. In Idle mode, press and hold [✳] to access the **Ringer** menu.
Volume key	In Idle mode, with the phone open, adjust the keypad tone volume. With the phone closed, press and hold to turn on the backlight. During a call, adjust the earpiece volume. In Menu mode, scroll through menu options.
Camera key	In Idle mode, access the **Multimedia** menu. Press and hold to turn on the camera. In Camera mode, take a photo.

Display

Layout	The display has three areas.

Icons
display various icon.

Text and graphics
display messages, instructions, and information you enter.

Soft key function indicators
show the current functions assigned to the soft keys.

Menu   Find
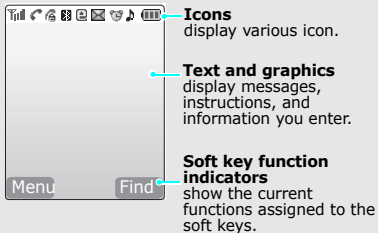
Icons	Yᵢₗₗ	Received signal strength
	Rᵤₗₗ	Roaming
	🕻	Call in progress
	🚫	Out of your service area or Airplane mode; you cannot make or receive calls
	🔓	Restriction on ▶ p. 54
	🔔	SOS message feature active ▶ p. 47
	🔒	Lock mode ▶ p. 53

📶	Bluetooth active ▶ p. 78
📧	New e-mail in server
✉	New e-mail in Inbox
💬	New instant message
✉	New message
📧	New voicemail
❗✉	Urgent message
🔔	Alarm set ▶ p. 51
♪	Ringer type setting ▶ p. 47

- ♪ : Ringer only
- ♪ : Silent
- ♪ : 1Beep
- ॥ : Vibration
- ॥♪ : Vib. & ringer
- ॥♪ : Vib. then ringer
- ♪॥ : Ringer then vib.

📴	Silent mode ▶ p. 13
🔋	Battery power level

Access menu functions

<table>
<tr><td>Use the soft keys</td><td>The roles of the soft keys vary depending on the function you have selected. The bottom line of the display indicates their current role.

Press the left soft key to access Menu mode. Press the right soft key to access Find in the Contacts menu.</td></tr>
</table>

<table>
<tr><td>Select an option</td><td>1. Press the appropriate soft key.

2. Press the Navigation keys to move to the next or previous option.

3. Press <Select>, <Ok>, or <Save> to confirm the function displayed or option highlighted.

4. To exit, choose either of the following methods:
  • Press [C] to move up one level.
  • Press [⚞] to return to Idle mode.</td></tr>
</table>

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Use shortcuts	Press the number key corresponding to the option you want.

Use My Menu	You can set up a menu of your own using your favourite menu items, which can then be accessed by specific number keys. Once you have set up your favourites, you can easily and quickly access them. ▶ p. 21

Customise your phone

Display language	1. In Idle mode, press <**Menu**> and select **Settings** → 语言/**Language**.
	2. Select a language.

Call ringer melody	1. In Idle mode, press <**Menu**> and select **Sounds** → **Ringer** → **Voice calls**.
	2. Press [Down].
	3. Press [Left] or [Right] to select a ringtone category.
	4. Press [Up] or [Down] to scroll to a ringtone.
	5. Press <**Play**> to listen to a ringtone.
	6. Press <**Save**>.

Idle mode Wallpaper

You can set wallpaper for the idle screen.

1. In Idle mode, press <**Menu**> and select **Display** → **Screen saver** → **Image**.
2. Select an image category.
3. Scroll to an image.
4. Press <**Save**>.

Menu style

You can change the display style of the main menu screen.

1. In Idle menu, press <**Menu**>.
2. Press <**Options**> and select **Menu style**.
3. Select the style you want.

Silent mode

You can switch the phone to Silent mode to avoid disturbing other people.

Press and hold [#] in Idle mode.

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Phone lock

You can protect the phone against unauthorised use with a phone password.

1. In Idle mode, press <**Menu**> and select **Settings** → **Security**.

2. Set up a 4- to 8-digit password, and re-enter it for confirmation and press <**Done**>.

   You will need to enter the password the next time you enter the **Security** menu.

3. Select **Lock mode**.

4. Select **Once** or **On**.

Make/Answer calls

Make a call

1. Enter an area code and phone number.

2. Press [↘].

3. To end the call, press [⌀].

Answer a call

1. When the phone rings, press [↘].

2. To end the call, press [⌀].

Adjust the volume during a call

Press [↓/↑].

Step outside the phone

Begin with your camera, the MP3 player, the WAP, and other special features

Use the camera

Take a photo

1. Open the phone.
2. In Idle mode, press and hold [📷] to turn on the camera.
3. Press [2] and then [1], to select a camera mode.
4. Aim the lens at the subject and make any desired adjustments.
5. Press <**Capture**> or [📷] to take a photo.
6. Press <**Save**>.
   The phone returns to Capture mode automatically.

View a photo

1. In Idle mode, press [📷] and select **My album**.
2. Select **Single** or **Multi**.
   You can switch between the folders by pressing [1] or [2].
3. Select a photo.

Record a video

1. In Idle mode, press and hold [📷] to turn on the camera.
2. Press [**2**] and then [**1**] to select the 🎥 icon.
3. Press < ⬤ > or [📷] to start recording.
4. Press < ⬛ > or [📷] to stop recording.
5. Press <**Save**>.
   The phone returns to Camcorder mode automatically.

Play a video	1. In Idle mode, press [📷] and select **My album**.
	2. Select **Video cam**.
	3. Select a video clip.
	4. Press <**Play**>.

Play MP3

Copy MP3 files to the phone	Download from a computer ▶ p. 51

Create the play list	1. In Idle mode, press [Up] and **MP3 files**.
	2. Press <**Options**> and select **Add to play list**.
	3. Press <✔> to select the files you want.
	4. Press <**Add**>.
	5. Press <**Play**> to begin playback.

Play MP3 music	1. In Idle mode, press [Up] and select **MP3 player**.
	2. Press [💿].
	3. During playback, use the following keys:

- [💿]: pauses or resumes playback.
- [Up]: changes the repeat mode.
- [Down]: opens the play list.
- [Left]: moves to the previous file or the beginning of the file. Moves backward in a file when held down.
- [Right]: skips to the next file. Moves forward in a file when held down.
- [∗]: repeats the section of the lyrics.
- [↓/↑]: adjust the volume.
- <**A-B**>: sets a section in a file to play the section repeatedly by pressing the key twice.

Browse the WAP

Using a built-in WAP (Wireless Access Protocol) browser, you can easily access the wireless web to get a variety of up-to-date services and information and to download web content.

Launch the WAP browser	In Idle mode, press [🗫].
Navigate the WAP	• To scroll through browser items, press the Navigation keys.
	• To select an item, press < ✓ > or [🗫].
	• To return to the previous page, press [**C**].
	• To return to the homepage, press and hold [**C**].
	• To use options, press and hold [🗫].

Use Contacts

Add an entry	To the phone's memory:

1. In Idle mode, enter a phone number and press <**Save**>.

2. Select **New entry**.

3. Press <**Edit**>.

4. Enter a name and press <**Save**>.

5. Press [Left] or [Right] to save the entry in the phone's memory.

6. Select a number type.

7. Specify contact information: Mobile, Home, Office, Pager, Fax, E-Mail1, E-Mail2, URL, Group, Ringer, ETC, and Picture.

8. Press <**Save**> to save the entry.

To the UIM card:

1. In Idle mode, enter a phone number and press <**Save**>.

2. Select **New entry**.

3. Press <**Edit**>.

4. Enter a name and press <**Save**>.

5. Press <**Save**> to save the entry.

Find an entry

1. In Idle mode, press <**Find**>.

2. Enter the first few letters of the name you want.

3. Select an entry.

4. Select a number, and press [↘] to dial or press <**Edit**> to edit contact information.

Send/View messages

Send a text message

1. In Idle mode, press <**Menu**> and select **Message** → **New message**.

2. Enter the message text and press <**Save**>.

3. Press <**Next**> again.

4. Enter destination numbers.

5. Press <**Send**> to send and/or save the message.

View a text message

When a notification appears:

Press <**View**>. The message displays.

From the Inbox:

1. In Idle mode, press <**Menu**> and select **Message** → **Inbox** → **Text**.

2. Select a message.

Access voicemails

When a notification appears:

1. Press [↘]. The phone dials the voicemail server.

2. Follow the instructions from the system.

From the Inbox:

1. In Idle mode, press <**Menu**> and select **Message** → **Inbox** → **Voice mail**.

2. Follow the instructions from the system.

Send SOS messages

Setting the SOS message feature

1. In Idle mode, press <**Menu**> and select **Message** → **SOS message**.

2. Select **On** to activate the SOS message feature.

3. Move to the **Recipients** line and press <**Add**>.

4. Enter the phone numbers to which you want to send SOS messages and press <**Save**>.

5. Move to the **Num of sending** line.

6. Select the number of times the phone will repeat sending SOS messages.

7. When you have finished, press <**Save**>.

Send SOS messages

In Idle mode, with the phone closed, press [↓/↑] 4 times.

The phone will send SOS messages.

Use My Menu

Set up My Menu item access	1. In Idle mode, press and hold <**Menu**>. 2. Scroll to a location and press <**Options**>. 3. Select **Register**. 4. Scroll to the menu you want. Press <**Select**> to access sub menus. 5. Press <**Regist**>. 6. Select an icon for the item.
Access My Menu item	1. In Idle mode, press and hold <**Menu**>. 2. Select the item you want.

Pinyin, Stroke, ABC, English word, 123, and Symbol modes

You can enter text for some features, such as messaging, Contacts, or Calendar, using Pinyin and Stroke modes for Chinese, and English word and ABC modes for English. You can also use 123 mode and Symbol mode.

Changing the text input mode

Example: Writing a text message

1. In the text entry screen, press the right soft key.
2. Select the mode you want.

Text input mode indicator
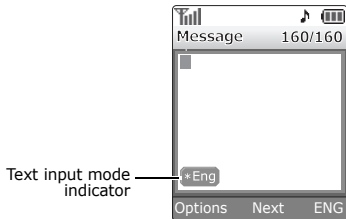
Using Chinese Pinyin mode

Pinyin is a system to enter Chinese words by spelling them phonetically (how they sound) using the Latin alphabet. With the Pinyin input method, you can enter Chinese characters by keying in the Pinyin string using the phone's keypad.

Entering characters in Pinyin mode

1. Press the keys corresponding to the phonetic spelling, referring to the letters printed on the keys.

   Example: To enter 你, press [**6**] and [**4**] to enter *ni*.

2. Press [Left] or [Right] to select alternative pinyins for the keys you have pressed.

3. If you cannot find the character you want from the display, press [Up] or [Down] to scroll through the word choices.

4. Press [**1**] to activate the character selection field. A number, from 1 to 6, is added to each character.

5. Press the number key corresponding to the character you want.

Using the tones

You can enter another character by assigning a tone for the selected pinyin. Entering a tone for a character is optional, but it is especially useful if the pinyin spelling is similar for several characters.

1. Press the keys corresponding to the pinyin of the letter you need.
2. If necessary, press [Left] or [Right] to select the pinyin.
3. Press [∗] for tones.
4. If you cannot find the character you want from the display, press [Up] or [Down] to scroll through word choices.
5. Press [**1**] to activate the character selection field.
6. Press a key, [**1**] to [**6**], corresponding to the character.

Rapid character entry

To enter the word *zhong guo* (中国), enter the first character using the following keystrokes; [**9**], [**4**], [**6**], [**6**], [**1**], and [**1**]. You do not have to complete the Pinyin spelling to include *guo* (国). The character displays automatically.

Other Pinyin mode operations

- Press [#] to insert a space between characters.
- Press the Navigation keys to move the cursor.
- Press [**C**] to clear characters one by one. Press and hold [**C**] to clear the characters on the left side of the cursor.

Using Chinese Stroke mode

This mode allows you to enter individual Chinese strokes, in written order, from top to bottom, and from left to right.

The Chinese strokes are classified into five basic categories: heng, shu, pie, dian, and zhe. The basic strokes are printed on keys [**1**] to [**5**] on the keypad. Refer to the following table:

Category	Keys	Strokes represented in each category
一	1	一 ㇏
｜	2	｜ ㇗
／	3	／ ㇀ ㇁
丶	4	丶 丶 ㇏ ㇀
一	5	𠃌 一 ㇄ 𡿨 𠃊 𠃍 ㇂ ㇊ 𠃋 乙 ㇉ ㇃ ㇄ ㇔ ㇠ 𠃊 𡿨 𠄌 ㇋ ㇌

Entering strokes and characters in Stroke mode

1. Press the keys that correspond to a character's component strokes. Press keys in the order that you would write the strokes, using one press per stroke.

   Example: To enter 力, press [**5**] to enter → and [**3**] to enter ⟋.

   ☑ If you are uncertain of the stroke order, press [**6**] in place of each questionable stroke. Continue entering strokes until the character displays or until you finish the character.

2. Press [Up] or [Down] to scroll through the choices.

3. To select a character and add it to your message, press the corresponding key, [**7**] to [**#**].

Rapid character entry

Try entering the characters *zhong guo* (中国) using the following keystrokes: [**2**], [**8**], and [**7**]. Even though *zhong guo* (中国) is a twelve stroke character, your phone allows you to enter the complete pair in only three key presses.

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Other Stroke mode operations

- Press the Navigation keys to move the cursor.
- Press [**C**] to clear characters one by one. Press and hold [**C**] to clear the characters on the left side of the cursor.

Using 123 mode

123 mode enables you to enter numbers. Press the keys corresponding to the digits you want.

Using Symbol mode

Symbol mode enables you to enter symbols.

1. Press [Up] or [Down] to display more symbol sets.

2. Press the key corresponding to the symbol you want.

Using ABC mode

Press the appropriate key until the character you want appears on the screen.

Key	Characters in order displayed	
	Upper case	**Lower case**
1	. @ – _ / : ~ ? , 1 ; ' ( ) ! # % & * < > + = " \ { } $ [ ]	
2	A B C 2	a b c 2
3	D E F 3	d e f 3
4	G H I 4	g h i 4
5	J K L 5	j k l 5
6	M N O 6	m n o 6
7	P Q R S 7	p q r s 7
8	T U V 8	t u v 8
9	W X Y Z 9	w x y z 9
0	0	

Other ABC mode operations

- To enter the same letter twice or to enter a different letter on the same key, wait for the cursor to move to the right automatically, or press [Right]. Then, enter the next letter.
- Press [∗] to change case. Lower case (∗**abc**), Initial capital (∗**Abc**), and Capital lock (∗**ABC**) are available.
- Press [#] to insert a space.
- Press the Navigation keys to move the cursor.
- Press [**C**] to clear characters one by one. Press and hold [**C**] to clear the characters on the left side of the cursor.

Using English word mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes.

Entering a word in English word mode

1. Press [**2**] to [**9**] to start entering a word. Press each key once for each letter.

Example: Press [**4**], [**3**], [**5**], [**5**], and [**6**] to enter *Hello*.

T9 predicts the word that you are typing, and it may change with each key that you press.

2. Enter the whole word before editing or deleting the characters.

3. When the word displays correctly, go to step 4. Otherwise, press [**0**] to display alternative word choices for the keys that you have pressed.

For example, *Of* and *Me* use [**6**] and [**3**].

4. Press [#] to insert a space and enter the next word.

Other English word mode operations

- Press [**1**] to enter periods or apostrophes automatically.
- Press [*] to change case. Lower case (* **eng**), Initial capital (* **Eng**), and Capital lock (* **ENG**) are available.
- Press [#] to insert a space.
- Press the Navigation keys to move the cursor.

- Press [**C**] to clear characters one by one. Press and hold [**C**] to clear the characters on the left side of the cursor.

Copying and pasting text

You can copy and paste when entering text.

1. While entering text, move the cursor to the desired location by pressing the Navigation keys.

2. Press <**Options**> and select **Copy/Paste** → **Manual copy**.

   To copy all of the text, select **Full copy**.

3. Press the Navigation keys to highlight the desired text and press <**Select**>.

4. Place the cursor where you want to paste the copied text.

5. Press <**Options**> and select **Copy/Paste** → **Paste**.

   ☑ You can use a copied text while composing other text by selecting **Paste**.

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Call functions

Advanced calling features

Making a call

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

   ☑ • Press [**C**] to clear the last digit or press and hold [**C**] to clear the whole display.
   • Press <**Options**> and select **Pause** to enter a pause between numbers.

2. Press [↘].
3. To end the call, press [⚲].

Redialling recent numbers

1. In Idle mode, press [↘] to display the list of recent numbers.
2. Scroll to the number you want and press [↘].

Making an international call

1. In Idle mode, press and hold [**0**].

   The international call prefix you have set appears.

2. Enter the area code and phone number and press [↘].

Making a call from Contacts

Once you have stored a number in Contacts, you can dial the number by selecting it from Contacts.

You can also use the speed dial feature to assign number keys to your most frequently dialled numbers.

Answering a call

When you receive an incoming call, the phone rings and displays the incoming call image.

Press [↘] to answer the call.

Tips for answering a call

- Depending on the setting in the **Answer mode** menu, you can press any key, except for $[\downarrow/\uparrow]$, the soft keys, and $[\mathbin{\raisebox{0.3ex}{\scriptsize$\sim$}}]$, or just open the phone to answer a call. ▶ p. 41

- Press <**Reject**> or $[\mathbin{\raisebox{0.3ex}{\scriptsize$\sim$}}]$, or press and hold $[\downarrow/\uparrow]$ to reject a call.

- Press <**Silence**> or $[\downarrow/\uparrow]$ to mute the ringer.

Viewing missed calls

If you have missed calls, the screen displays the number of the calls and the phone number of the last call.

Press $[\searrow]$ to dial the displayed number.

Using the headset

Use the headset to make or answer calls without holding the phone.

Connect the headset to the jack on the right side of the phone. The button on the headset works as follows:

To	Press
redial the last call	the button twice.
answer a call	and hold the button.
end a call	and hold the button.

Options during a call

You can access a number of functions during a call.

Adjusting the volume during a call

Use $[\downarrow/\uparrow]$ to adjust the earpiece volume during a call.

Press $[\downarrow]$ to increase the volume and $[\uparrow]$ to decrease the volume.

Answering a second call

If you have subscribed to call waiting, you can answer another call during a call.

1. Press [↘] to answer a second call. The first caller is placed on hold and you are connected with the second caller.
2. Press [↘] again to switch between the calls.

Making a three-way call

If you have activated three-way calling service, you can have a conversation with two people simultaneously.

1. During a call, press [↘] and make another call. The first caller is placed on hold.
2. Press [↘] to begin the three-way call.

Using In-call options

Press <**Options**> during a call to access the following options:

- **Switch to headset**/**Switch to phone**: switch the call to an optional Bluetooth headset or hands-free car kit, or back to the phone. To use this feature, you first need to connect the phone and the headset or car-kit. ▶ p. 74
- **Voice mute**: switch off your phone's microphone, so that the other person cannot hear you.
- **Key mute**: switch the key tones off or on. This allows you to press keys without hearing annoying key tones during a call.
- **Calls**: access the **Calls** menu. ▶ p. 40
- **Contacts**: access the **Contacts** menu. ▶ p. 42
- **Message**: access the **Message** menu. ▶ p. 46

Call functions

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Menu functions

All menu options listed

WAP browser

Your phone comes equipped with a Wireless Application Protocol (WAP) browser which makes it possible for you to access the wireless web. Using the WAP browser, you can access up-to-date information and a wide variety of media content, such as wallpapers, ringtones, and music files.

To access this menu, press [⚇] in Idle mode.

Launching the WAP browser

Pressing [⚇] in Idle mode launches the WAP browser and accesses the homepage of your service provider.

Navigating the WAP browser

To	Press
scroll through browser items	the Navigation keys.
select an item	< ✓ > or [⚇].
return to the previous page	[**C**].
return to the homepage	and hold [**C**].

Using page options

From any web page, press and hold [⚇] to access the following options:

- **Home**: return to the homepage.
- **History**: access the list of web pages you have accessed.
- **Bookmarks**: access the bookmark list.
- **PUSH Message**: display the push messages received from the server.
- **Reload**: reload the current page with updated information.

- **Go To URL**: enter a URL address manually.
- **Snapshots**: take a snapshot of the current page.
- **Save Items**: save the image on the current page.
- **Show URL**: display the URL address of the current page.
- **Exit**: exit the WAP browser.
- **Advanced...**: change the various settings for the browser:

  Restart Browser: restart the WAP browser without exiting it.

  Delete Cookies: delete cookies. Cookies are pieces of personal information sent to a web server while navigating the web.

  Homepage: change the startup homepage. If you clears the URL, the default homepage is restored.

  Multimedia: enable or disable auto download of the media objects, such as images or background sound on the current page.

  Scroll Mode: select a scroll mode, or set the speed for scrolling to the next screen.

  Send Referrer: set the browser to send HTTP referrer information to the web server each time the browser is launched.

  Connection Timeout: set how long the phone remains connection to the current page when you don't use the web page for a specified period.

  Key Press Timeout: set how long the phone waits after you have pressed a key in the text entry mode before moving the cursor to the right.

  Security: access all security-related information.

  Restore default value: restore the default settings for the Advanced feature.

- **Send Link**: send the URL of the current page via e-mail.
- **Clear Memory**: clear information stored in the History list, cache, Auto Fill form, or cookies.
- **About**: access the web browser certificate information and version.

Exiting the browser

Press [<img>] to end the network connection and exit the browser.

uni

This menu is supplied by your service provider. The contents available in each menu option may be different, depending on the service provider. For further details, contact your service provider.

To access this menu, press <**Menu**> in Idle mode and then <**Favorite**>.

Mail

Use this menu to access the Mail service, which allows you to send or receive e-mails containing various media items, such as images, sounds, name cards, and applications.

New Mail

Use this menu to create and send a new e-mail to one or multiple destinations.

1. Press <**Edit**> to access the Recipient list.
2. Press <**Edit**> again.
3. Enter a destination e-mail address or phone number and press <**OK**>.

To send your e-mail to more than one person, repeat steps 2 and 3.

4. On the Recipient List screen, press <**Menu**> to access the following options:

   • **Addr Book**: retrieve an e-mail address or number from Contacts.
   • **Sent History**: retrieve an e-mail address or number from the list of the e-mails you have sent.
   • **Addr Group**: select a caller group to access the e-mail addresses of members of that group.
   • **Profiles**: enter your e-mail address automatically.
   • **Delete**: delete the selected recipient. This option is available only when an e-mail address is selected.
   • **Move to To**: change the selected address to a To address. This option displays when you have selected a Cc or Bcc address.
   • **Move to Cc**: change the selected address to a Cc address. This option displays when you have selected a To or Bcc address.

- **Move to Bcc**: change the selected address to a Bcc address. This option displays when you have selected a To or Cc address.
5. Press <**OK**> to return to the New Mail screen.
6. Move to the subject line and press <**Edit**>.
7. Enter the subject of your e-mail and press <**OK**>.
8. Move to the attachment line and press <**Edit**>.
9. Add files using the following options:
   - **Select Attach**: add various types of files.
   - **Select SMIL Attach**: add SMIL files.
   - **Edit SMIL**: create or edit an SMIL file. ▶ p. 36
10. Move to the body of your e-mail and press <**Edit**>.
11. Enter your e-mail text and press <**OK**>.

   ☑ When you attach an SIML file, you are unable to write a message.

12. Press <**Send**> to send the e-mail.

   ☑ You can save the e-mail you have created by pressing <**Menu**> and selecting **Save as New**.

Inbox

This mail box stores e-mails you have received.

Received e-mails are saved in the **Folder0** folder by default. If you have set filters (▶ p. 34), a new e-mail will be saved in the folder containing the filter that corresponds to the sender's address.

Viewing a received e-mail

1. Select a folder.
2. Scroll to the e-mail you want and press <**Disp**>.
   Items attached to the message will be displayed.
3. Press <**OK**> to view the body of the message.

Using e-mail options

While viewing an e-mail, press <**Menu**> to access the following options:

- **Reply**: send a reply to the sender.
- **Reply All**: send a reply to the sender and all other recipients of the e-mail.
- **Forward**: forward the e-mail to other people.
- **Protect**: protect the e-mail from being deleted.

- **Delete**: delete the e-mail.
- **Move to Folder**: move the e-mail to another folder.
- **Show Full Addr**: display the addresses of all recipients of the e-mail.
- **Copy Mail Body**: copy the e-mail text. You can paste the text when composing a new e-mail.

Managing mail folders

Your phone provides you with the potential for up to 10 mail folders to manage your e-mails.

From the folder list, press <**Menu**> to access the following options:

- **Add Filter**: set a filter, which arranges incoming e-mails by senders' addresses. This option is not available for Folder0.
- **Edit Folder Name**: change the folder name.
- **Re-Filter**: rearrange received e-mails, according to the filter set for the current folder.
- **Delete All**: delete all e-mails in the selected folder.

- **Reset Folder**: restore the default settings of the selected folder.

Send Box

This mail box stores e-mails you have sent or tried to send.

Viewing a sent or saved e-mail

Scroll to the e-mail you want and press <**Disp**> to open the e-mail.

Using e-mail options

While viewing an e-mail or the e-mail list, press <**Menu**> to access the following options:

- **Edit**: edit the selected e-mail. This option displays when you select the e-mails you didn't send.
- **Copy & Edit**: edit the selected message and save as a new message. This option displays when you select the message you have sent.
- **Protect** (**ON/OFF**): prevent the selected e-mail from being deleted.
- **Delete**: delete the selected e-mail.
- **Sort**: change the sort order of e-mails.

- **Show Full Addr**: display the addresses of all recipients of the e-mail.
- **Copy Mail Body**: copy the e-mail text. You can paste the text when composing a new e-mail. This option displays while you are viewing the e-mail.
- **1-ln/3-ln View**: change the e-mail list mode.

  3-line View mode displays the time and date, the recipient's e-mail address, and the e-mail subject on the e-mail list all at once.

  1-line View mode displays only one of those items. You can change the item to be displayed on the e-mail list by pressing <**Chg**>.

Check New Mail

Use this menu to check the Mail server for new incoming e-mails and then retrieve new e-mails from the server, if you have ones.

Data Folder

Use this menu to view downloaded and saved content. Files are stored in separate folders according to data type, e.g., **Image** for images or **Audio** for sound clips.

Accessing a file

1. Select a file folder.
2. Scroll to an item and press <**Play**>.

Using file options

While viewing the content list, press <**Menu**> to access the following options:

- **Auto-Play**: show the items stored in the currently selected folder as a slide show. This option is available only when you select an image folder.
- **Erase**: erase the currently selected item.
- **Erase All**: erase all of the items stored in the selected folder.
- **Rename**: change the file name.
- **Sort**: change the sort order of the file list.
- **Memory Info**: access memory information for the Download and User memory.

SMIL Editor

Use this menu to create a new SMIL file or edit a SMIL file, which is a combination of an image, a sound clip, and text. You can add up to 5 slides for an SMIL file.

Creating a new SMIL file

1. Select **New SMIL**.
2. Highlight **Add New SLIDE** and press <**Edit**>.
3. When the image line is selected, press <**Edit**>.
4. Select the source image category you want.
5. Select an image.
6. Move to the text line and press <**Edit**>.
7. Enter a message and press <**OK**>.
8. Move to the audio line and press <**Edit**>.
9. Select the source sound category you want.
10. Select a sound clip.
11. Press <**OK**> twice to save the slide.

Using SMIL slide options

You can access the following options by pressing <**Menu**> on the image, text, or audio line on a slide:

• **Set Start**: set the time delay before the currently selected item displays when you open the slide.

• **Set End**: set the length of time the currently selected item will be displayed before the next item automatically displays.

• **Layout**: show the layout for your SMIL slide.

• **Preview**: show the SMIL file you have created.

• **Delete Image**/**Delete Text**/**Delete Audio**: delete the added image, text, or audio.

While viewing the slide list, press <**Menu**> to access the following options:

• **SLIDE During**: set how long one slide displays on the message presentation screen. After a specified time, the display automatically scrolls to the next slide.

• **SLIDE Move**: move the selected slide to the position you want.

• **SLIDE Delete**: delete the selected slide.

Editing SMIL files stored in your phone

1. From the SMIL Editor screen, select **Open SMIL**.
2. Select an SMIL folder and scroll to the SMIL file you want to edit.
3. Move to the slide you want and press <**Edit**>.
4. Change the items on the slide as you would when creating a slide.

Mail Settings

Use this menu to configure various e-mail settings that are required when you send or receive e-mails.

- **Receiving & View**: change the settings that control how e-mails are received and viewed.

  Auto-Rcving: set whether or not your phone retrieves new incoming e-mails from your Mail server without notification.

  Rcving Type: select which parts of e-mails you want to retrieve, such as the subject, sender's address, and body of an e-mail, from the Mail server when you receive the e-mail.

  Receive Atchmnt: select whether or not the phone retrieves an e-mail with attachments from the Mail server.

  Play Atchmnt: set whether or not the phone first displays attached files in an e-mail and then shows the body of the e-mail.

  Show Folders: set whether or not the phone displays e-mail folders.

  Font Size: select the font size of e-mails.

- **Send & New Mail**: change the settings that control how e-mails are created and sent.

  Quote Original: set whether or not the phone includes the original e-mail text in a reply.

  Addr Group: manage caller groups.

  Encoding Type: select an encoding type.

  Del Sent History: delete the e-mails you have sent.

- **Register Account**: register your e-mail account to the Mail server or delete your account from the server.

- **Others**: access the website preset by your service provider to manage your Mail service.

- **View Mail Settings**: check the current e-mail settings.

- **About**: check the software version and copyright information of your Mail service.

Magic

Use this menu to download and use various Brew applications.

Downloading an application

1. When the **MobileShop** icon is highlighted, press [🖢].
   - **Catalog**: browse and purchase items.
   - **Search**: search for an application by entering a keyword.
   - **Help**: get help information for using the **MobileShop** menu.
2. Press [🖢] when the **Catalog** option is highlighted. You are sent to the associated website preset by your service provider and you can browse the available applications.
3. Select the application you want and follow the onscreen instructions to download it.

Changing browser settings

1. Select the **Settings** icon.

2. Select a setting option.
   - **Order Apps**: change the list order of the downloaded applications.
   - **Move Apps**: move an application to another folder.
   - **Manage Apps**: check the amount of memory used for downloaded applications.
   - **Main Menu View**: change the view mode of the main menu screen.
   - **Screen Savers**: activate the Screen Saver application, if downloaded.
   - **View Log**: show the records of your browsing.

Viewing help information

1. Select the **Help** icon.
2. Select a help item.
3. Press [Up] or [Down] to scroll through help information.
4. Press [🖢] to go back to the main help screen.

Info

This menu is available only when you use a UTK UIM card that provides additional services. For further details, see your UTK UIM card instructions.

Music streets

Use this menu to access the various audio services supported by your service provider. For details, contact your service provider.

- **Send music**: send a music file with a short voice message through an ARS service (Automatic response service).
- **Listen msg**: check messages you have received.
- **Mini music**: access the music files you have listened to.
- **Help**: access the help screen for using the Music streets feature.

Bookmarks

You can add and manage the URLs of the web pages you access frequently. You can also manage URLs you have bookmarked while navigating the Internet.

Adding a new bookmark

1. Press <**Menu**> and select **New Bookmark**.
2. Press <✓>.
3. Enter a name for a URL and press [Down].
4. Enter the URL address you want.
5. To save the bookmark to another folder, select **Bookmarks**, add a new folder and select it.
6. Select <✓>.
7. Press <**OK**> to return to the bookmark list.

Accessing a bookmarked page

Scroll to a bookmark and press <**Go**>.

Using bookmark options

From the bookmark list, press <**Menu**> to access the following options:

- **Details**: access the bookmark properties.

- **Delete**: delete the selected bookmark.
- **New Bookmark**: add a new bookmark.
- **New Folder**: add a new bookmark folder.
- **Move**: move the selected bookmark to the position you want.
- **Move to folder**: move the bookmark to another folder.
- **Set As HomePage**: set the bookmark to homepage.
- **Delete all**: delete all bookmarks.
- **Hotkeys**: assign a hot key (1 to 9) for nine of your most frequently accessed bookmarks.
- **Cancel**: exit the **Bookmarks** menu.

Calls *(Menu 1)*

Use the **Calls** menu to access call logs, view the duration of calls, and set options for call functions.

To access this menu, press <**Menu**> in Idle mode and select **Calls**.

Missed *(Menu 1.1)*

This menu displays the most recent calls you did not answer.

Incoming *(Menu 1.2)*

This menu displays the most recent calls you have received.

Outgoing *(Menu 1.3)*

This menu displays the most recent calls you have dialled.

Rejected *(Menu 1.4)*

This menu displays the most recent calls you have rejected. You can specify numbers to be rejected in the **Call reject** menu.

Air time *(Menu 1.5)*

This menu displays the time log for calls you have made or received. Actual time invoiced by your service provider will vary.

> ☑ This feature is not intended to be used for billing purposes.

Area code *(Menu 1.6)*

Use this menu to find and retrieve area and country codes to quickly and easily dial phone numbers.

Call reject *(Menu 1.7)*

Use this menu to make a list of numbers and groups from which you want to reject calls, and set how to reject those calls.

To access this menu, you must enter the 4- to 8-digit lock code and press <**Done**>.

Setting *(Menu 1.7.1)*

Use this menu to select the number type you want to reject.

Reject number *(Menu 1.7.2)*

Use this menu to make a list of the phone numbers from which you do not want to accept calls.

Reject group *(Menu 1.7.3)*

Use this menu to make a list of caller groups from which you do not want to accept calls.

Call settings *(Menu 1.8)*

Use this menu to set up various settings for make or answer a call.

Answer mode *(Menu 1.8.1)*

Use this menu to select how to answer an incoming call.

Airplane mode *(Menu 1.8.2)*

Use this menu to switch the phone to Airplane mode, or back to Normal mode.

Int'l call prefix *(Menu 1.8.3)*

Use this menu to set international call service numbers.

Call forward *(Menu 1.8.4)*

This network service allows incoming calls to be forwarded to another number.

☑ Contact your service provider to check this service's availability.

Call waiting *(Menu 1.8.5)*

This network feature alerts you of incoming calls while you are on the phone.

When this feature is enabled, you can respond to an incoming call by pressing [↘] while you are on the phone. This puts the first caller on hold and answers the second call.

Contacts *(Menu 2)*

You can store phone numbers and their corresponding names in your card and the phone's memory. The card and phone's memory, although physically separate, are used as if they were a single entity, called Contacts.

To access this menu, press <**Menu**> in Idle mode and select **Contacts**.

Find *(Menu 2.1)*

Use this menu to find an entry using a person's name, entry number, group name, or memory location.

☑ You can quickly access this menu by pressing <**Find**> in Idle mode.

Add *(Menu 2.2)*

Use this menu to add a new entry to Contacts.

In the phone's memory, a name can contain up to 5 numbers in different categories: Home, Office, Mobile, Pager, and Fax. You can save only a single number with a name on the card's memory.

Group settings *(Menu 2.3)*

Use this menu to set up a caller group list.

Speed dial *(Menu 2.4)*

Once you have stored phone numbers in Contacts, you can set up to 99 speed-dial entries and then dial them easily by pressing the associated one or two number keys.

Name card *(Menu 2.5)*

This folder stores your name card and other name cards. You can also send it to other people via SMS or Mail service or save it in Contacts.

My phone # *(Menu 2.6)*

Use this menu to view and edit your phone number.

Memory info *(Menu 2.7)*

Use this menu to check the number of contacts you have stored in the phone's memory and on the UIM card.

Multimedia *(Menu 3)*

Using the camera module built into your phone, you can take photos of people or events while on the move.

To access this menu, press <**Menu**> in Idle mode and select **Multimedia**, or press [🔲] in Idle mode.

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

Take photo *(Menu 3.1)*

Use this menu to take photos in various modes. The camera produces JPEG photos and MP4 video clips.

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

My album *(Menu 3.2)*

Use this menu to review the photos you have taken.

External album *(Menu 3.3)*

Use this menu to access photos and video clips on a memory card, if you are using one. For viewing a photo, refer to "My album."

Photo studio *(Menu 3.4)*

The Photo studio is a great tool for managing photos. Use this menu to add a decorative frame and to apply a special effect to photos.

Add frame *(Menu 3.4.1)*

You can add a decorative frame to photos you have taken. You can also take a new photo and add a frame.

Photo effect *(Menu 3.4.2)*

You can apply a special effect to photos you have taken. You can also take a new photo and apply it to an effect.

Settings *(Menu 3.5)*

Use this menu to change or reset the camera's default settings.

Display *(Menu 4)*

The **Display** menu enables you to change various settings for the display and the light.

To access this menu, press <**Menu**> in Idle mode and select **Display**.

Screen saver *(Menu 4.1)*

You can set up the idle screen on the main display.

Functional screen *(Menu 4.2)*

Use this menu to select one of the function screens, such as the calendar, Today screen, clock, or memo pad, to be displayed in Idle mode.

Power On/Off *(Menu 4.3)*

You can select an image to be displayed when the phone is switched on or off.

Dialing font *(Menu 4.4)*

Use this menu to select a font colour for digits to be displayed when you enter a phone number for dialling.

Time settings *(Menu 4.5)*

Use this menu to set the current time and date or set up the time zones for the Dual Clock wallpaper.

Single clock *(Menu 4.5.1)*

You can set the current time and date.

Enter the time in 24-hour format and the date in the order of year, month, and day.

While in a service area, you are not allowed to change the time and date setting since the phone receives time information from the network. If your phone do not receive time information from the network when you turn it on, you can use this menu.

Dual clock *(Menu 4.5.2)*

You can choose two time zones to be displayed when you select **Dual clock** for the wallpaper image.

Backlight *(Menu 4.6)*

Use this menu to customise settings for backlight.

Message *(Menu 5)*

Use the **Message** menu to send and receive text messages. You can also use the voicemail and web alert features.

To access this menu, press <**Menu**> in Idle mode and select **Message**, or press [Left].

New message *(Menu 5.1)*

Use this menu to create and send text messages to multiple mobile phones.

Inbox *(Menu 5.2)*

Use this menu to access messages you have received.

Outbox *(Menu 5.3)*

Use this menu to access messages you have sent or failed to send.

Drafts *(Menu 5.4)*

This folder stores messages you have saved to send at a later time.

Msg settings *(Menu 5.5)*

Use this menu to customise the settings of various options for receiving or sending messages.

SOS message *(Menu 5.6)*

In an emergency, you can send SOS messages to your family or friends for help. You can also receive SOS messages from other people who are in an emergency.

Msg. wallpaper *(Menu 5.7)*

Use this menu to select a background image to be displayed on the Message screen so that you can view messages with the image.

Memory info *(Menu 5.8)*

Use this menu to view how many messages are stored in the phone's memory and on the UIM card.

Sounds *(Menu 6)*

The **Sounds** menu allows you to customise various sound settings.

To access this menu, press <**Menu**> in Idle mode and select **Sounds**.

Ringer *(Menu 6.1)*

Use this menu to set the ringer melody for calls, messages, wake-up call, alarms, and scheduler alarms.

Ringer Vol./Type *(Menu 6.2)*

Use this menu to adjust the ringer volume for voice calls, messages, alarm, and scheduler alarms. You can also set the ringer type for voice calls.

Key tone *(Menu 6.3)*

Use this menu to select the tone that the phone sounds when you press a key.

☑ You can adjust the keypad tone volume using [/] in Idle mode.

Function alert *(Menu 6.4)*

Use this menu to set up audible alerts at a specified time to inform you that certain things have happened.

Hour alert *(Menu 6.5)*

Use this menu to set your phone to sound an alert every hour on the hour.

Entertainment *(Menu 7)*

Using the **Entertainment** menu, you can play games or MP3 music, chat with your buddies, and download media files from the wireless web.

To access this menu, press <**Menu**> in Idle mode and select **Entertainment**.

FM radio *(Menu 7.1)*

Use this menu to listen to music or news via the FM radio on your phone.

Games *(Menu 7.2)*

Use this menu to access the games on your phone.

Select a game from the game list and follow the onscreen instruction.

MP3 *(Menu 7.3)*

Use this menu to enjoy MP3 music.

MP3 player *(Menu 7.3.1)*

You can play MP3 music files. First, you need to save MP3 files in your phone's memory.

MP3 play list *(Menu 7.3.2)*

Use this menu to access the play list you have created.

MP3 files *(Menu 7.3.3)*

Use this menu to access MP3 files stored in the phone's memory.

MP3 settings *(Menu 7.3.4)*

Use this menu to customise settings for using the MP3 player feature.

Fun box *(Menu 7.4)*

Use this menu to access the Samsung Fun Club, the preset website providing Samsung mobile phone users with attractive download services such as up-to-the-minute ringtones and wallpapers.

You can download:
- colour images.
- polyphonic melodies.
- information and electronic catalogues for Samsung Electronics products.

Utilities *(Menu 8)*

The **Utilities** menu enables you to keep track of your schedule and tasks, set alarms, make a memo, or use convenient features, such as a calculator, countdown timer, and world time clock.

To access this menu, press <**Menu**> in Idle mode and select **Utilities**.

Today *(Menu 8.1)*

Use this menu to view information of tasks, countdown timer, and scheduled items for the current day. You can create a new item of the selected type by pressing <**New**>. ▶ p. 71

Calendar *(Menu 8.2)*

Use this menu to view the current month, as well as the past or future months in the calendar format. You can be alerted by the Calendar function before an event commences.

☑ You can quickly access this menu by pressing [Right] in Idle mode.

Task list *(Menu 8.3)*

Use this menu to enter up a list of tasks you need to do.

Alarm *(Menu 8.4)*

Use this menu to set the alarm to sound at a specific time.

User memory *(Menu 8.5)*

Use this menu to manage your phone's memory and a memory card.

Phone memory *(Menu 8.5.1)*

Use this menu to connect the phone to a PC, as you would use an external memory disk drive, and access the file folder of your phone's memory.

Memory card *(Menu 8.5.2)*

Use this menu to connect a memory card inserted into your phone to a PC, as you would use an external memory disk drive, and access the file folder of the memory card.

For details, refer to the "**Phone memory**" menu.

Memo pad *(Menu 8.6)*

Use this menu to make memos of important things you need to remember.

Calculator *(Menu 8.7)*

Use this menu to use the phone as a calculator or converter.

Calculator *(Menu 8.7.1)*

You can calculate numbers. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication, and division.

Unit converter *(Menu 8.7.2)*

Use this menu for common conversions, such as length and temperature.

Countdown *(Menu 8.8)*

This menu helps you measure how long it takes you to do something or how many days remain until a specific event occurs. The alarm for the timer you set will sound at 9 AM on the specified day.

Clock *(Menu 8.9)*

You can use your phone as a world time clock or stopwatch.

World time *(Menu 8.9.1)*

Use this menu to find out the current time in another part of the world

Stopwatch *(Menu 8.9.2)*

Use this menu to use the stopwatch and timer features.

Settings *(Menu 9)*

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

To access this menu, press <**Menu**> in Idle mode and select **Settings**.

Security *(Menu 9.1)*

Use this menu to protect your phone against unautorised use by managing the several access codes of your phone and the card.

To access the **Security** menu, you must enter your password and press <**Done**>.

☑ When you use the phone for the first time, or reset it, you need to set up a 4- to 8- digit password to access the **Security** menu, or to lock/unlock photos or messages.

Lock mode *(Menu 9.1.1)*

Use this menu to lock your phone.

Change password *(Menu 9.1.2)*

Use this menu to change your current password to a new one.

Emergency # *(Menu 9.1.3)*

Your phone provides the option of storing three emergency numbers. All of these numbers can be manually dialed at any time, even if your phone is locked, or all outgoing calls are restricted.

Voice privacy *(Menu 9.1.4)*

Used only in digital networks, Voice privacy encrypts the voice channel so that people cannot eavesdrop on your conversation. Use this menu to enable or disable Voice privacy.

Restriction *(Menu 9.1.5)*

Use this menu to restrict the use of your phone.

Clear memory *(Menu 9.1.6)*

Use this menu to erase Contacts entries or messages stored on the UIM card or in the phone's memory.

Reset phone *(Menu 9.1.7)*

Use this menu to restore the default settings of all of user-selectable options, or clear information in the phone's memory.

Card setup *(Menu 9.1.8)*

Use this menu to access the security options for the card.

Entry method *(Menu 9.2)*

Use this menu to select the default text input mode.

语言 /**Language** *(Menu 9.3)*

Use this menu to change the language of the display.

Domain preset *(Menu 9.4)*

Your phone has domain name extensions that you can retrieve when composing a message. Use this menu to change default domain name extensions and add new domain name extensions, if necessary.

Contents status *(Menu 9.5)*

Use this menu to check the amount of the memory currently being used or memory remaining for media contents, such as applications, melodies, and images.

Help and personal needs

To save the time and expense of an unnecessary service call, perform the simple checks in this section before contacting a service professional.

When you switch on your phone, the following messages may appear:

"Card is empty. Insert Card"

- Be sure that the card is correctly installed.

"Enter PIN"

- You are using your phone for the first time. You must enter the PIN supplied with the SIM card.
- The PIN check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN check** menu.

"Enter PUK"

- The PIN code was entered incorrectly three times in succession, and the UIM card is now blocked. Enter the PUK supplied by your service provider.

Solve problems

"No service," "Network failure," or "Not done" displays

- The network connection has been lost. You may be in a weak signal area. Move and try again.
- You are trying to access an option for which you have no subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialled

- Be sure that you have pressed [↘].
- Be sure that you have accessed the right cellular network.
- Be sure that you have not restricted outgoing calls.

Your correspondent cannot reach you

- Be sure that your phone is switched on. ([☎] pressed for more than one second.)
- Be sure that you are accessing the correct cellular network.
- Be sure that you have not restricted incoming calls.

Your correspondent cannot hear you speaking

- Be sure that you have switched on the microphone.
- Be sure that you are holding the phone close enough to your mouth. The microphone is located at the bottom of the phone.

The phone starts beeping and "Battery low" flashes on the display

- Your battery is insufficiently charged. Recharge the battery.

The audio quality of the call is poor

- Check the signal strength indicator on the display ($\mathbb{T}_{\text{ul}}$). The number of bars indicates the signal strength from strong to weak.
- Try moving the phone slightly or moving closer to a window if you are in a building.

No number is dialled when you re-call a Contacts entry

- Use the **Find** menu to ensure the number has been stored correctly.
- Re-store the number, if necessary.

If the above guidelines do not help you to solve the problem, take note of:

- The model and serial numbers of your phone
- Your warranty details
- A clear description of the problem

Then contact your local dealer or Samsung after-sales service.

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.

When approval test is done, no Samsung supplied accessories are avialable but maybe available later after approval.

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.

CDMA

• Head: 1.16W/Kg.

• Bodyworn: 0.574W/Kg.

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines whenused with a Samsung accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. This site uses the phone FCC ID number, A3LSCHS259. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID 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.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 address book takes attention away from your primary responsibility, driving safely.

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

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

8. Use your wireless phone to call for help. Dial 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.

Health and safety information

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 ⤴.

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

☑ • This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
• This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and,

if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

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 Battery march Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Changes or modifications made in the radio phone, not expressly approved by Samsung, will void the user's authority to operate the 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.

Health and safety information

- 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.
- 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.
- When the phone or battery gets wet, the label indicating water damage inside the phone changes color. 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.