* 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

SGH-E740
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 your vehicle first.

Switch off the phone when refuelling

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

Switch off in an aircraft

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

Switch off the phone near all medical equipment

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

Interference

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

Be aware of special regulations

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

Water resistance

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

Sensible use

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

Emergency calls

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

Keep your phone away from small children

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

Accessories and batteries

Use only Samsung-approved batteries and accessories, such as headsets and PC data cables. Use of any unauthorised accessories could damage you or your phone and may be dangerous.

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

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

Qualified service

Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and safety information" on page 40.

About this Guide

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

In this guide, the following instruction icons appear:

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

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

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

< >   Indicates a soft key, whose function is displays 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

• **Music player**
Play music files using your phone as a music player. You can use other phone functions while listening to music.

• **FM radio**
Listen to your favourite radio stations anytime, anywhere.

- **Digital data printing**
  Print images, messages, and other personal data directly from your phone.

- **Bluetooth**
  Transfer media files and personal data and connect to other devices using free, wireless Bluetooth technology.

- **Offline mode**
  Switch your phone to use its none-wireless functions in an airplane.

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

- **Multimedia Message Service (MMS)**
  Send and receive MMS messages with a combination of text, images, video, and audio.

- **Email**
  Send and receive emails with image, video, and audio attachments.

- **Java**
  Enjoy Java™-based embedded games and download new games.

- **Voice recorder**
  Record memos or sounds.

3

Contents

Overview of menu functions

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

1 Call log

1 Recent contacts
2 Missed calls
3 Dialled calls
4 Received calls
5 Delete all
6 Call time
7 Call costs[1]

2 Phonebook

1 Contact list
2 FDN contacts[1]
3 Create contact
4 Group
5 Speed dial
6 My namecard
7 Own number
8 Management
9 Service number[1]

3 Applications

1 Music player
2 Voice recorder
3 Image editor

3 Applications (continued)

4 FM radio
5 Bluetooth
6 Java world
7 SIM application toolkit[1]

4 Browser

1 Home
2 Bookmarks
3 Enter URL
4 Clear cache
5 Profile settings
6 Current profile

5 Messages

1 Create new message
2 My messages
3 Templates
4 Delete all
5 Settings
6 SOS messages
7 Broadcast messages
8 Memory status

6 My files

1 Images
2 Videos
3 Music
4 Sounds
5 Other files
6 Memory card[2]
7 Memory status

7 Planner

1 Alarm
2 Calendar
3 Memo
4 World clock
5 Calculator
6 Converter
7 Timer
8 Stopwatch

8 Camera

1 Take photo
2 Record video
3 Go to My photos
4 Go to My video clips

9 Settings

1 Time and date
2 Phone settings
3 Display settings
4 Sound settings
5 Light settings
6 Network services
7 Security
8 Memory status
9 Reset settings
10 Key management
11 VOD settings[3]

1. Available only if supported by your SIM card.
2. Available only if a memory card is inserted into the phone.
3. Available only if supported by your service provider.

5

Unpack

Make sure you have each item

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

You can obtain various accessories from your local Samsung dealer.

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

Get started

First steps to operating your phone

Install and charge the phone

To AC power outlet
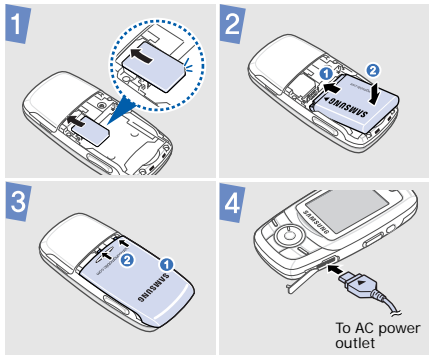
Removing the battery cover

Power on or off

| Switch on | 1. Open the phone.
2. Press and hold [📞].
3. If necessary, enter the PIN and press <**OK**>. |
|---|---|
| Switch off | 1. Open the phone.
2. Press and hold [📞]. |

Your phone

Front view

Earpiece

Web access/
Confirm key
(Centre)

Volume keys

Left soft key

Dial key

Memory card slot

Alphanumeric
keys

Display

Navigation keys
(Up/Down/Left/
Right)

Right soft key

Power/Menu
exit key

Delete key

Mouthpiece

Special
function keys

Rear view

Mirror

Camera lens

Music player key

SAMSUNG

Camera key

Multifunction
jack
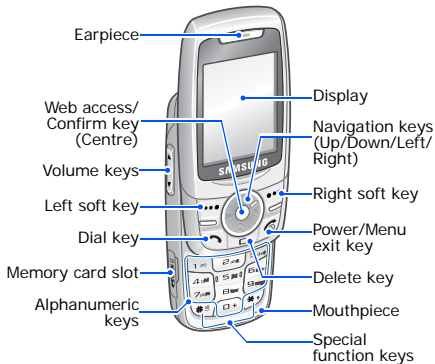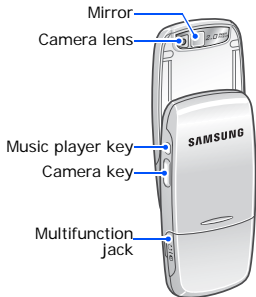
☑ When you close the phone, it locks the exposed
keys to prevent any unwanted phone operations,
from accidentally pressing any of the keys. To
unlock the keypad, press <**Unlock**> and then
<**OK**>.

Keys and display

Keys

📞 📞	Perform the function indicated on the bottom line of the display.
◎	In Idle mode, access the following menus directly: • Up: My menu mode • Down/Left/Right: Your favourite menus In Menu mode, scroll through menu options.
○	In Idle mode, launch the web browser. In Menu mode, select the highlighted menu option or confirm input.

⌇	Make or answer a call. In Idle mode, retrieve numbers recently dialled, missed, or received.	⁎ ⌗	Enter special characters or perform special functions.
⌫	Delete characters from the display or items in an application.	�
	Adjust the phone volume.
⏻	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.	◯	Press to turn on the music player.
⌇ ⋮ ⌧	Enter numbers, letters, and some special characters.	▥	In Idle mode, press and hold to turn on the camera. In Camera mode, take a photo or record a video.

Icons

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

📶	Signal strength
📞	Call in progress
✆	Out of your service area or Offline mode
🔔	Alarm set
🚨	SOS message feature active

✉	New message: • ✉ : Text message • ☎ : Voicemail • ✉ : Multimedia message • ✉ : Email
↪	Call diverting feature active
ᗷ	Bluetooth active
ᗝ	Bluetooth headset or hands-free car kit connected
Ꮐ	GPRS network status • Blue: GPRS network • Red: Transferring data in GPRS network

	EDGE network status • Blue: EDGE network • Red: Transferring data in EDGE network
	Home Zone
	Office Zone
	Browsing Internet
	Memory card inserted
	Music playback in progress
	Music playback paused

	FM radio on
	Silent mode (Vibration)
	Silent mode (Mute)
	Ringer type • None: Melody/Increasing melody • : Vibration • : Melody and vibration/ Increasing and vibration • : Melody then vibration • : Vibration then melody
	Battery power level

Access menu functions

Select an option	1. Press a desired soft key.
	2. Press the Navigation keys to move to the next or previous option.
	3. Press <**Select**> or [Centre] to confirm the function displayed or option highlighted.
	4. Press <**Back**> to move up one level. Press [🔚] to return to Idle mode.
Use menu numbers	Press the number key corresponding to the option you want.

Enter text

Change the text input mode	• Press and hold [✱] to switch between T9 mode (T9Ab) and ABC mode (Abc).
	• Press [✱] to change case or switch to Number mode (123).
	• Press and hold [#] to switch to Symbol mode (SYM).
ABC mode	To enter a word:
	Press the appropriate key until the character you want appears on the display.

T9 mode	**To enter a word:** 1. Press [**2**] to [**9**] to start entering a word. 2. Enter the whole word before editing or deleting characters. 3. When the word displays correctly, press [**#**] to insert a space. Otherwise, press [**0**] to display alternative word choices.
Number mode	Press the keys corresponding to the digits you want.
Symbol mode	Press the corresponding number key to select a symbol.

Other operations	• Press [**1**] to enter punctuation marks or special characters. • Press [**#**] to insert a space. • Press the Navigation keys to move the cursor. • Press [**C**] to delete characters one by one. • Press and hold [**C**] to clear the entire display.

Customise your phone

Display language

1. In Idle mode, press <**Menu**> and select **Settings** → **Phone settings** → **Language** → **Ringtone**.

2. Select a language.

Call ringer melody

1. In Idle mode, press <**Menu**> and select **Settings** → **Sound settings** → **Incoming call**.

2. Press [Left] or [Right] to access a ringtone category.

3. Press [Up] or [Down] to select a ringtone.

4. Press <**Save**>.

Key tone volume

In Idle mode, press [▲/▼] to adjust the key tone volume.

Idle mode wallpaper

1. In Idle mode, press <**Menu**> and select **Settings** → **Display settings** → **Wallpaper** → **Wallpaper**.

2. Select an image category.

3. Select an image.

4. Press <**Save**>.

Menu mode skin colour

1. In Idle mode, press <**Menu**> and select **Settings** → **Display settings** → **Skin**.

2. Select a colour pattern.

Menu shortcuts

1. In Idle mode, press <**Menu**> and select **Settings** → **Phone settings** → **Shortcuts**.

2. Select a key.

3. Select a menu to be assigned to the key.

Silent mode

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

In Idle mode, press and hold [#].

Phone lock

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

2. Select **Enable**.

3. Enter a new 4- to 8-digit password and press <**OK**>.

4. Enter the new password again and press <**OK**>.

Step outside the phone

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

Make or answer calls

Make a call	1. Enter an area code and phone number.
	2. Press [🔽]. Press [▲/▼] to adjust the volume.
	3. Press [📵] to end the call.

Answer a call	1. Press [🔽] when the phone rings.
	2. Press [📵] to end the call.

Use the speakerphone feature	During a call, press [Centre] and then <**Yes**> to activate the speaker.
	Press [Centre] again to switch back to the earpiece.

Make a multi-party call	1. During a call, call the second participant. The first call is put on hold.
	2. Press <**Options**> and select **Join**.
	3. Repeat step 1 and 2 to add more participants.

4. During a multi-party call:
   - Press <**Options**> and select **Select one** → **Private** to have a private conversation with one participant.
   - Press <**Options**> and select **Select one** → **Remove** to drop one participant.
5. Press [📞] to end the multi-party call.

Use the camera

Take a photo	1. In Idle mode, press and hold [📷] to turn on the camera. 2. Aim the lens at the subject and make any desired adjustments. 3. Press [Centre] or [📷] to take a photo. The photo is saved automatically. 4. Press <**Back**> to take another photo.
View a photo	1. In Idle mode, press [📷] and select **Go to My photos**. 2. Select the photo you want.

Record a video

1. In Idle mode, press and hold [🖎] to turn on the camera.

2. Press [**1**] to switch to Record mode.

3. Press [Centre] or [🖎] to start recording.

4. Press [Centre] or <■> to stop recording. The video is saved automatically.

5. Press <⤴> to record another video.

Play a video

1. In Idle mode, press [🖎] and select **Go to My video clips**.

2. Select the video you want.

Play music

Copy music files to the phone

Use these methods:
• Download from the wireless web.
• Download from a computer using the optional Samsung PC Studio. See Samsung PC Studio User's Guide.
• Receive via Bluetooth.
• Copy to a memory card and insert it into the phone.

1. In Idle mode, press ⬡.

2. Select a playlist → a music file.

3. During playback, use the following keys:
   • Centre: pause or resume playback.
   • Left: return to the previous file.
   • Right: skip to the next file.
   • Up: open the playlist.
   • ▲/▼: adjust the volume.

4. Press [Down] to stop playback.

You can create a playlist of your favourite music on a memory card.

1. From the music player screen, select **Playlists**.

2. Press <**Options**> and select **Create playlist**.

3. Enter the title of the playlist and press <**Save**>.

4. Select the added playlist.

5. Press <**Options**> and select **Add** → a source.

6. Select a playlist → a file, or select the files you want and press <**Add**>.

7. Press [Centre] to play music.

Listen to the FM radio

Listen to the radio

1. Plug the connecter of the supplied headset into the multifunction jack on the phone.

2. In Idle mode, press <**Menu**> and select **Applications** → **FM radio**.

3. Press [Centre] to turn on the radio.

4. Press [Left] or [Right] to find available radio stations.

5. Press [Centre] to turn off the radio.

Store radio stations

By automatic tuning:

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

2. Press <**Yes**> to confirm. Available radio stations are automatically saved.

By manual setup:

1. From the radio screen, press [Left] or [Right] to select the station you want.

2. Press <**Options**> and select **Add**.

3. Enter the Frequency of the station and press <**Save**> to save the station.

Browse the web

Launch the web browser	In Idle mode, press [Centre]. The homepage of your service provider opens.
Navigate the web	• To scroll through browser items, press [Up] or [Down]. • To select an item, press < ✓ > or [Centre]. • To return to the previous page, press <**Back**> or [**C**]. • To return to the homepage, press and hold [**C**]. • To access browser options, select 🞂 or press [✳]. • To access other phone menus, press [#].

Use Phonebook

Add a contact	1. In Idle mode, enter a phone number. 2. Press <**Options**> and select **Save** → a memory location → **New**. 3. For **Phone**, select a number type. 4. Specify contact information. 5. Press [Centre] or <**Save**> to save the contact.
Find a contact	1. In Idle mode, press <**Contacts**>. 2. Enter the first few letters of the name you want.

3. Select a contact.

4. Scroll to a number and press [➔] to dial, or press [Centre] to edit contact information.

Send messages

Send a text message

1. In Idle mode, press <**Menu**> and select **Messages** → **Create new message** → **Text message**.

2. Enter the message text and press [Centre].

3. Enter destination numbers.

4. Press [Centre] to send the message.

Send a multimedia message

1. In Idle mode, press <**Menu**> and select **Messages** → **Create new message** → **Multimedia message**.

2. Select **Subject**.

3. Enter the message subject and press [Centre].

4. Select **Image or video** or **Music or Sound**.

5. Select **Add image** or **Add video** and add an image or a video clip.
   Alternatively, select **Add music** or **Add sound** and add a music file or a sound clip.

6. Select **Text**.

7. Enter the message text and press [Centre].

8. Press <**Options**> and select **Send**.

9. Enter destination numbers or addresses.

10. Press [Centre] to send the message.

Send a voice message

1. In Idle mode, press <**Menu**> and select **Messages** → **Create new message** → **Voice message**.

2. Record your message and press <**Save**>.

3. Press <**Options**> and select **Send**.

4. Enter destination numbers or email addresses.

5. Press [Centre] to send the message.

Send an email

1. In Idle mode, press <**Menu**> and select **Messages** → **Create new message** → **Email**.
2. Select **Subject**.
3. Enter the email subject and press [Centre].
4. Select **Message**.
5. Enter the email text and press [Centre].
6. Select **File attach**.
7. Add image, video, sound, music files, or document files.

8. Press <**Options**> and select **Send**.Enter email addresses.
9. Press [Centre] to send the email.

View messages

View a text message

1. In Idle mode, press <**Menu**> and select **Messages** → **My messages** → **Inbox**.
2. Select an text message.

| View a multimedia message | 1. In Idle mode, press <**Menu**> and select **Messages** → **My messages** → **Inbox**.
2. Select an multimedia message. |
|---|---|
| View an email | 1. In Idle mode, press <**Menu**> and select **Messages** → **My messages** → **Email inbox**.
2. Select **Check new mail**.
3. Select an email or a header.
4. If you selected a header, press <**Options**> and select **Retrieve** to view the body of the email. |

Use Bluetooth

Your phone is equipped with Bluetooth technology, enabling you to connect the phone wirelessly to other Bluetooth devices and exchange data with them, talk hands-free, or control the phone remotely.

| Turn on Bluetooth | 1. In Idle mode, press <**Menu**> and select **Applications** → **Bluetooth** → **Activation** → **On**.
2. Select **My phone's visibility** → **On** to allow other devices to find your phone. |
|---|---|

| **Search for and pair with a Bluetooth device** | 1. In Idle mode, press <**Menu**> and select **Applications** → **Bluetooth** → **My devices** → **Search new device**.
2. Select a device.
3. Enter a Bluetooth PIN or the other device's Bluetooth PIN, if it has one, and press <**OK**>.
When the owner of the other device enters the same code, the pairing is complete. | **Send data** | 1. Access an application, **Phonebook**, **My files**, **Calendar**, or **Memo**.
2. Select the item you want to send.
3. Press <**Options**> and select **Send via** → **Bluetooth**.
4. For sending a contact, select which data you want to send.
5. Search for and select a device.
6. If necessary, enter the Bluetooth PIN and press <**OK**>. |

Receive data

1. When a device attempts to access your phone, press <**Yes**> to permit the connection.

2. If necessary, press <**Yes**> to confirm that you are willing to receive.

Menu functions

All menu options listed

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

Call log

Menu	Description
Recent contacts, Missed calls, Dialled calls, Received calls	Check the most recent calls dialled, received, or missed.
Delete all	Delete all of the records in each call type.
Call time	Check the time record for calls made and received.

Menu	Description
Call costs	Check the cost of your calls, if supported by your SIM card.

Phonebook

Menu	Description
Contact list	Search for contact information stored in Phonebook.
FDN contacts	Create a list of contacts to be used in FDN (Fixed Dialling Number) mode, in which the phone allows outgoing calls only to the specified phone numbers, if your SIM card supports this feature.

Menu	Description
Create contact	Add a new contact to Phonebook.
Group	Organise your contacts in caller groups.
Speed dial	Assign a speed dial number for your most frequently dialled numbers.
My namecard	Create a name card and send it to other people.
Own number	Check your phone numbers, or assign a name to each of the numbers.
Management	Manage contacts in Phonebook or change the default settings for Phonebook.

Menu	Description
Service number	View the SDN (Service Dialling Number) list assigned by your service provider, if supported by your SIM card.

Applications

Menu	Description
Music player	Listen to music.
Voice recorder	Record voice memos and any other sounds.
Image editor	Edit your photos using various editing tools.
FM radio	Listen to music or news via the FM radio on your phone.

Menu	Description
Bluetooth	Connect the phone wirelessly to other Bluetooth devices.
Java world	Access Java games and applications.
SIM application toolkit	Use a variety of additional services offered by your service provider. This menu is available only if supported by your SIM card.

Browser

Menu	Description
Home	Connect your phone to the network and load the homepage of the wireless web service provider.
Bookmarks	Save URL addresses in order to quickly access web pages.
Enter URL	Enter a URL address and access the associated web page.
Clear cache	Clear the cache, which is a temporary memory site that stores recently accessed web pages.

Menu	Description
Profile settings	Set up connection profiles for the web browser.
Current profile	Select a connection profile to be used for accessing the wireless web.

Messages

Menu	Description
Create new message	Create and send text, multimedia, voice, or email messages.
My messages	Access messages that you have received, sent, or that have failed during sending.

Menu	Description
Templates	Make and use templates of frequently used messages or passages.
Delete all	Delete messages in each message folder all at once.
Settings	Set up various options for using the messaging services.
SOS messages	Specify options for sending and receiving an SOS message. You can send an SOS message by pressing [Volume] 4 times in Idle mode, with the phone closed.

Menu	Description
Broadcast messages	Change the settings for receiving broadcast messages.
Memory status	Check the amount of memory currently in use in each message folder.

My files

Menu	Description
Images, Videos, Music, Sounds, Other files	Access media files and other files stored in the phone's memory.

Menu	Description
Memory card	Access the files stored on a memory card. This menu is only available when you insert a memory card into the phone.
Memory status	Check memory information for media items.

Planner

Menu	Description
Alarm	Set alarms. The alert type for a normal alarm corresponds to the call alert type setting.
Calendar	Keep track of your schedule.

Menu	Description
Memo	Make memos for things that are important and manage them.
World clock	Set your local time zone and find out the current time in another part of the world.
Calculator	Perform arithmetic functions.
Converter	Do conversions, such as length and temperature.
Timer	Set a period of time for the phone to count down.
Stopwatch	Measure elapsed time.

Camera

Menu	Description
Take photo	Take photos in various modes. The camera produces jpeg photos.
Record video	Record a video of what is displayed on the camera screen.
Go to My photos	Access a list of photos you have taken.
Go to My video clips	Access a list of videos you have recorded.

Settings

Menu	Description
Time and date	Change the time and date displayed on your phone.
Phone settings → Language	Select a language for the display text.
Phone settings → Greeting message	Enter the greeting that is displayed briefly when the phone is switched on.
Phone settings → Slide settings	Set how the phone reacts when you open it for an incoming call, and when you close it while using a function.

Menu	Description
Phone settings → Shortcuts	Use [Down], [Left], and [Right] as shortcuts to access specific menus directly from Idle mode.
Phone settings → My menu	Set up a menu of your own using your favourite menu items, which can be easily accessed by pressing [Up] in Idle mode.
Phone settings → Advanced shortcuts	Activate the advanced shortcut feature, which allows you to access specific applications from the dialling screen.
Phone settings → Volume key	Set how the phone reacts if you press and hold [▲/▼] when a call comes in.

Menu	Description
Phone settings → USB settings	Select a USB mode that will be used when you connect your phone to another device via USB interface.
Phone settings → Extra settings	Change additional settings for using the phone.
Phone settings → Offline mode	Switch the phone to Offline mode, in which the phone functions requiring network connection are deactivated.
Display settings → Wallpaper	Change the background image that is displayed in Idle mode.
Display settings → Main menu style	Select a display style for the main menu screen.

Menu	Description
Display settings → Text display	Change the display settings for the text displayed on the idle screen.
Display settings → Skin	Select a skin colour pattern for Menu mode.
Display settings → Brightness	Adjust the brightness of the display for varying lighting conditions.
Display settings → Dialling display	Customise the settings for the display while dialling.
Display settings → Calendar	Display the calendar of the current month on the idle screen.

Menu functions

Menu	Description
Display settings → Show caller ID	Set the phone to display missed call notifications with the most recently missed caller's information.
Sound settings → Incoming call	Change the sound settings for incoming calls.
Sound settings → Keypad tone	Select the tone that the phone sounds when you press a key.
Sound settings → Message tone	Change the sound settings for incoming messages individually according to message type.
Sound settings → Power-on/off tone	Select the melody that the phone sounds when it is switched on or off.

Menu	Description
Sound settings → Silent mode	Set how the phone acts to alert you to a specific event while in Silent mode.
Sound settings → Extra tones	Customise additional tones for the phone.
Light settings → Backlight time	Select the length of time the backlight or display stays on when the phone is not used.
Light settings → Keypad light	Set how the phone controls the use of the keypad light.
Network services → Call diverting	Set the phone to reroute incoming calls to a phone number that you specify.

Menu	Description
Network services → Call barring	Set the phone to restrict calls.
Network services → Call waiting	Set the phone to inform you when someone is calling you while on another call.
Network services → Network selection	Select the network to be used while roaming outside of your home area, or let the network be chosen automatically.
Network services → Caller ID	Set the phone to hide your phone number from the person you are calling.

Menu	Description
Network services → Voice mail server	Store the number of the voicemail server and access your voicemails.
Network services → Band selection	Change to an appropriate band when you travel abroad.
Security → PIN check	Activate your PIN to protect your SIM card against unauthorised use.
Security → Change PIN	Change the PIN.
Security → Phone lock	Activate your phone password to protect your phone against unauthorised use.

Menu functions

Menu	Description
Security → Change password	Change the phone password.
Security → Privacy	Lock access to call logs, contacts, messages, or files.
Security → SIM lock	Set the phone to work only with the current SIM card by assigning a SIM lock password.
Security → FDN mode	Set the phone to restrict calls to a limited set of phone numbers, if supported by your SIM card.

Menu	Description
Security → Change PIN2	Change your current PIN2, if supported by your SIM card.
Security → Mobile tracker	Set the phone to send the preset tracking message to your family or friends when someone tries to use your phone with another SIM card.
Memory status	Check memory information for each items in the phone's memory or on a memory card.
Reset settings	Reset the phone's settings you have changed.

Menu	Description
Key management	Manage the licence keys you have acquired to activate media files locked by DRM systems.
VOD settings	Select a connection profile to be used for accessing a video streaming server.

Health and safety information

Exposure to Radio Frequency (RF) Signals

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

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg).

The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. The highest SAR values for this model phone as reported to the FCC are:

GSM1900 Head: 0.331 W/Kg, Body-worn: 0.281 W/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, A3LSGHE740. 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

Health and safety information

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
  Administrationhttp://www.fda.gov/cellphones

48

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 you are driving a car, driving is your first
responsibility. When using your wireless phone while
driving, follow local regulations in the country or region
you are in.

Operating environment

Remember to follow any special regulations in force in
the area you are in, and always switch off your phone
whenever it is forbidden to use it, or when it may cause
interference or danger.°×Federal Communications
Commission

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

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

Electronic devices

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

Pacemakers

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

interference is taking place, switch off your phone immediately.

Hearing aids

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

Other medical devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy.

Your physician may be able to assist you in obtaining this information.

Switch off your phone in health care facilities when regulations posted in these areas instruct you to do so.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor

vehicles. Check with the manufacturer or its representative regarding your vehicle.

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

Posted facilities

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

Potentially explosive environments

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

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

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

Emergency calls

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 like medical emergencies.

To make or receive 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. Switch on the phone.
2. Key in the emergency number for your present location. Emergency numbers vary by location.
3. Press [].

Certain features like Call Barring may need to be deactivated before you can make an emergency call. Consult this document and your local cellular service provider.

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

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°Øs 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 installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. Improperly installed wireless equipment could result in serious injury if the air bag inflates.

- Switch off your phone before boarding an aircraft. It is dangerous and illegal to use wireless phones in an aircraft because they can interfere with the operation of the aircraft.

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

Care and maintenance

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

- Keep your phone and all its parts and accessories out of the reach of small children and pets. They may accidentally damage these things or choke on small parts.

- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that 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.

Health and safety information

- 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.

- 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, stove, or radiator. The phone may explode when overheated.

- When the phone or battery gets wet, the label indicating water damage inside the phone changes colour. In this case, phone repairs are no longer guaranteed by the manufacturer's warranty, even if the warranty for your phone has not expired.

- 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. Unauthorised 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.