

Samsung

SGH-X540

User's Guide

Draft 03

2006.10.30

Version: X540XAFJ3

• 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.

Printed in Korea

Code No.: GH68-xxxxxA

English (EU): 10/2006. Rev.1.0

World Wide Web

http://www.samsungmobile.com

### Installing the SIM card and battery

1. Remove the battery cover and insert the SIM card.

Battery cover

2. Install the battery and reattach the cover.

Battery

### Charging the battery

1. Plug the supplied travel adapter.

To AC wall outlet

2. When charging is finished, unplug the adapter.

Note:

Do not remove the battery from the phone without unplugging the adapter first. Otherwise, the phone may be damaged.

### Phone layout and key functions

Web access/Confirm key

In Idle mode, accesses the web browser. Selects the highlighted option or confirms input in a menu.

Dial key

Makes and answers a call. In Idle mode, retrieves the most recent calls.

Volume keys

In Idle mode, adjust the keypad tone volume. Send an SOS message when pressed four times. SOS mode

Voicemail server key

Voicemail server

Alphanumeric keys

Soft keys

Perform functions indicated by the text above the key.

4-way navigation keys

In Menu mode, scroll through menu options. In Idle mode, access your favourite menus directly.

Power/End key

Turns the phone on or off when held down. Also ends a call.

Camera key

In Idle mode, accesses the Camera menu. Press and hold to turn on the camera. In Camera mode, takes a photo.

Cancel/Clear key

Deletes characters from the display. Returns the display to the previous menu level.

Silent mode key

Silent mode

Silent mode

Press and hold # in Idle mode to disable all sounds on the phone. To exit, press and hold this key again.

Voicemail server

Press and hold 1 in Idle mode to access your voicemail server.

SOS mode

With the phone closed, press the Volume keys four times in Idle mode to send an SOS message to preset phone numbers. Once the SOS message is sent, the phone will change to SOS mode and will receive calls only from the SOS message recipients until the SOS mode is cancelled. Upon receiving a call from the SOS message recipients, the phone will automatically answer the call, after one vibration, relaying the emergency situation to the caller.

Display

Your phone is in Idle mode when you are not on a call or using a menu. You must be in Idle mode to dial a phone number.

Icons

Text and graphics

Menu Phonebook

Soft key function indicators

Your phone displays the following status indicators on the top of the screen:

Icon	Description
	Received signal strength
	Call in progress
	Out of your service area; you cannot make or receive calls except for emergency calls
	SOS message feature active
	GPRS network
	Roaming network
	Alarm set
	Bluetooth active
	Call diverting feature active
	New text message
	New multimedia message
	New voicemail message
	Call ringer set to vibrate
	Silent mode
	Battery power level

### Using the menus

In Idle mode, press the Menu soft key to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key (OK) or right soft key (C) to perform the function indicated.

To return to the previous menu level, press the Back soft key or C.

To exit the menu without changing the menu settings, press this key.

Use the 4-way navigation keys (Up, Down, Left, Right) to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and play games.

To select or modify a menu or feature:

1. In Idle mode, press the Menu soft key.

2. Press the Navigation keys to reach a desired menu and then press the Select soft key or OK.

3. If the menu contains any submenus, locate the one you want by pressing the Navigation keys. Press the Select soft key or OK to enter the submenu.

If the selected menu contains additional submenus, repeat this step.

4. Press the Navigation keys to find the setting of your choice.

5. Press the Select soft key or OK to confirm your chosen setting.

Shortcut numbers

You can quickly access the menu you want by using shortcut numbers. The shortcut number displays in front of the menu name in Menu mode.

### Menu map

1. Call log

1.1 Missed calls

1.2 Received calls

1.3 Dialed calls

1.4 Delete all

1.5 Call time

1.6 Call costs\*

2. Network services

2.1 Call diverting

2.2 Call barring

2.3 Call waiting

2.4 Network selection

2.5 Caller ID

2.6 Band selection

3. Applications

3.1 Voice recorder

3.2 FM radio

3.3 Bluetooth

3.4 SIM-AT\*

4. Sound settings

4.1 Incoming calls

4.2 Messages

4.3 Power on/off

4.4 Connection tone

4.5 Keypad tone

4.6 Minute minder

4.7 Silent mode

4.8 Alerts on call

5. Messages

5.1 Text messages

5.2 Multimedia messages

5.3 Push messages

5.4 Preset messages

5.5 Voice mail

5.6 Broadcast

5.7 Settings

5.8 SOS messages

5.9 Memory status

6. Fun box

6.1 WWW services

6.2 Media box

6.3 JAVA world

7. Planner

7.1 New memo

7.2 Calendar

7.3 To do list

7.4 Clock

7.5 Alarm

7.6 Calculator

7.7 Converter

7.8 Timer

7.9 Stopwatch

8. Camera

8.1 Take photos

8.2 My photos

8.3 Delete all

8.4 Settings

8.5 Memory status

9. Phone settings

9.1 Display

9.2 Greeting message

9.3 Language

9.4 Offline mode

9.5 Security

9.6 Auto redial

9.7 Voice clarity

9.8 Anykey answer

9.9 Active folder

9.10 Volume key

9.11 Reset settings

Press the Phonebook soft key in Idle mode.

1 Find name

2 FDN list

2 Add entry

3 Speed-dial list

3 Own number

5 Group setting

6 Management

7 SDN\*

\* Show only if supported by your SIM card.

### Entering text

Changing the text input mode

In a text input field, press the right soft key until the input mode indicator you want appears:

Eng: T9 mode

ABC: ABC mode

Eng: Number mode

None: Symbol mode

Note: To change the language, press and hold the right soft key and select Language select.

T9 mode

1. Press 2 to 9 to start entering a word. Press each key once for one letter.

Example: To enter Hello in T9 mode, press 4, 3, 5, 5, and 6.

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 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.

ABC mode

Press the keys labelled with the character you want:

- once for the first character
- twice for the second character
- and so on.

For example, press **2** three times to enter *C* and **5** two times to enter *K*.

Number mode

Press the keys corresponding to the digits you want.

Symbol mode

Press the number keys corresponding to the symbol you want and press the **OK** soft key. You can press **Up** or **Down** to display more symbols.

Tips for entering text

- To move the cursor, press the Navigation keys.
- To delete characters one by one, press **C**. To delete all of the characters, press and hold **C**.
- To insert a space between characters, press **#**.
- To change case in T9 mode or ABC mode, press **\***.
- To enter punctuation marks in T9 mode or ABC mode, press **1**.

Feature	Description	Select
Select a message tone	Select the alert ringtone and alert type for incoming SMS and MMS, or set how often you are informed of a new message.	Menu > Sound settings > Messages
Power on/ off tone	Select the melody that the phone sounds when it is switched on or off.	Menu > Sound settings > Power on/ off
Connection tone	Set the phone to beep when a call is connected to the system.	Menu > Sound settings > Connection tone
Select a key tone	Select a tone which the phone sounds when you press a key.	Menu > Sound settings > Keypad tone
Minute minder	Set the phone to beep every minute during an outgoing call to keep you informed of the length of your call.	Menu > Sound settings > Minute minder
Silent mode	Set how the phone acts to alert you to a specific event while in Silent mode.	Menu > Sound settings > Silent mode
Alerts on call	Set the phone to alert you when you receive a new message or when the time for an alarm comes during a call.	Menu > Sound settings > Alerts on call
Read SMS or MMS messages	Read received, sent, or saved messages.	Menu > Messages > <b>Text</b> messages or Multimedia messages > Inbox, Outbox, or Draft

Feature	Description	Select
Anykey answer	answer an incoming call by pressing any key, except for <b>[end]</b> .	Menu > Phone settings > Anykey answer
Active folder	Answer an incoming call by opening the phone.	Menu > Phone settings > Active folder
Volume key setting	Set whether the phone mutes the call ringer or rejects a call if you press and hold the Volume keys when a call comes in.	Menu > Phone settings > Volume key
Reset the phone	Reset the phone to the factory default settings.	Menu > Phone settings > Reset settings

Important safety precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal.

Drive safely at all times

Do not use a hand-held phone while driving; park the vehicle first.

Switching off when refuelling

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

Switching off in an aircraft

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

Sending an SMS message

1. In Idle mode, press the **Menu** soft key.
2. Select **Messages** → **Text messages** → **Create**.
3. Enter the message text.
4. Press the **Options** soft key and add items using the following options:
  - **Add media**: add sounds, images, or animated images.
  - **Add emoticon**: add emoticons.
  - **Preset messages**: add text templates.
5. Press the **Options** soft key and select **Send**.
6. Select an empty location.
7. Enter a destination number and press the **OK** soft key.
8. Press the **Send** soft key to send the message.

Taking a photo

1. In Idle mode, press and hold **[camera]**.
2. Aim the lens at the subject and make any desired adjustments.
3. Press **[menu]** or **[camera]** to take a photo.
4. Press **C** to take another photo.

Feature	Description	Select
Send SMS or MMS messages	Create and send messages to other mobile phones.	Menu > Messages > <b>Text</b> messages or Multimedia messages > Create
Push messages	Change the settings for the service, and access or delete push messages.	Menu > Messages > Push messages
Message templates	Preset templates of frequently used messages.	Menu > Messages > Preset messages
Voicemail	Access your voicemail server and listen to messages on the network.	Menu > Messages > Voice mail
Broadcast messages	Change settings for the service and access broadcast messages.	Menu > Messages > Broadcast
Messaging options	Set options for using messaging services.	Menu > Messages > Settings
<b>SOS message</b>	<b>Activate the SOS message feature. Enter recipients and select the repeat mode.</b>	<b>Menu &gt; Messages &gt; SOS messages</b>
Message memory status	Check memory information for messages.	Menu > Messages > Memory status
Web browser	Launch and configure the web browser.	Menu > Fun box > WWW services
Access media files	Access sounds or images in your phone's memory.	Menu > Fun box > Media box > My photos, Downloaded images, or Sounds
Delete all media files	Delete sounds and images in each media box, or all media files at once.	Menu > Fun box > Media box > Delete all

Switching off near all medical equipment

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

Interference

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

Special regulations

Follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it.

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 **[end]**. Do not end the call until given permission to do so.

Small children and your phone

Keep the phone and all its parts including accessories out of 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 your phone and may be dangerous.

<b>CAUTION</b>	Risk of explosion if a battery is replaced by an incorrect type. Dispose used batteries according to the instructions.
----------------	--

Quick feature reference

This section provides brief explanations of features on your phone.

Feature	Description	Select
Find a contact	Search for contacts in Phonebook.	Phonebook > Find name
Create an FDN list	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.	Phonebook > FDN list
Add a new contact	Add a new contact to Phonebook.	Phonebook > Add entry
Speed dial	Assign speed dial numbers (2 to 9) for eight of your most frequently dialled numbers.	Phonebook > Speed-dial list
Check your own phone numbers	Check your phone numbers or assign a name to them.	Phonebook > Own number
Manage caller groups	Add a new caller group, or edit or delete a group.	Phonebook > Group setting
Manage contacts	Copy all contacts on the SIM card to the phone's memory, delete all Phonebook contacts. You can also check memory information for Phonebook contacts.	Phonebook > Management
SDN (Service Dialling Numbers)	Access the list of service numbers assigned by your service provider.	Phonebook > SDN

Feature	Description	Select
Funbox memory status	Check the amount of memory in use for games, sounds and images.	Menu > Fun box > Media box > Memory status
Java applications	Access the embedded Java games and downloaded Java applications.	Menu > Fun box > JAVA world
Schedule an item	Create a new item.	Menu > Planner > New memo
Calendar	Keep track of daily or monthly schedule.	Menu > Planner > Calendar
Task list	Create a list of tasks and assign a deadline to each task.	Menu > Planner > To do list
Time and date	Set the current time and date manually and set your local time zone. You can also set your phone to update the current time automatically when you travel abroad. Time information may not be updated when you move to one time zone to another within a country.	Menu > Planner > Clock
Alarm	Set an alarm to sound at a specific time.	Menu > Planner > Alarm
Calculator	Perform basic arithmetic functions.	Menu > Planner > Calculator
Converter	Do conversions such as currency and temperature.	Menu > Planner > Converter
Timer	Set a period of time for the phone to count down.	Menu > Planner > Timer



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

**Qualified service**  
Only qualified service personnel may repair your phone.

SAR information

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

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

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by FCC is 1.6 W/kg. SAR tests are conducted using standard operating positions specified by th e FCC with the phone transmitting at its highest certified power level in all tested frequency bands. The highest SAR value for this model phone was 0.997 W/kg.

Feature	Description	Select
View recent calls	View the most recent calls you have dialled, received, or missed.	Menu > Call log > Missed calls, Received calls, or Dialed calls
Delete recent calls	Delete the call logs in each call type, or all logs at once.	Menu > Call log > Delete all
Call time display	View the duration of recent calls you have dialled and received. Also reset the time counter.	Menu > Call log > Call time
Call cost display	View the cost of your calls.	Menu > Call log > Call costs
Network services	Access network services offered by your service provider.	Menu > <b>Network services</b>
Voice memo	Record voice memos and listen to them.	Menu > Applications > Voice recorder
FM radio	Listen to music or news via the FM radio on your phone. First, you must connect your phone with the headset, which serves as a radio antenna.	Menu > Applications > FM radio
Bluetooth	Connect the phone wirelessly to other Bluetooth devices and talk hands-free, or control the phone remotely.	Menu > Applications > Bluetooth
Use the SIM service	Use a variety of additional services offered by your service provider.	Menu > Applications > SIM-AT
Select a call ringtone	Select a ringtone for incoming calls, a volume level, or an alert type.	Menu > Sound settings > Incoming calls

Feature	Description	Select
Stopwatch	Measure elapsed time. The maximum measurement time is 10 hours.	Menu > Planner > Stopwatch
Camera	Take photos in various modes, and access saved photos in jpeg format. You can also delete photos or check memory information for photos.	Menu > Camera
Display settings	Change settings for the display and light.	Menu > Phone settings > Display
Greeting message	Enter the greeting message to be displayed when the phone is switched on.	Menu > Phone settings > Greeting message
Language selection	Select a language to be used for the display text or text input mode.	Menu > Phone settings > Language
Offline mode	Switch the phone to Offline mode. 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.	Menu > Phone settings > Offline mode
Security	Protect the phone against unauthorised use.	Menu > Phone settings > Security
Auto redial	Set the phone to make up to ten attempts to redial a phone number after an unsuccessful call.	Menu > Phone settings > Auto redial
Voice clarity	Remove extraneous noise and increase call quality so that the person with whom you are speaking can hear you clearly even if you are in a noisy place.	Menu > Phone settings > Voice clarity

Declaration of Conformity (R&TTE)

**Model description:** Portable Cellular Telephone (GSM x00/xx00/xx00)  
**Model name:** SGH-X540  
**Manufactured at:** Samsung Electronics Co., Ltd, 94-1, Imsoo-Dong, Gumi City, Kyung-Buk, Korea, 730-350\*  
to which this declaration relates, is in conformity with the following standards and/or other normative documents.  
**Safety :** **SAR :**  
**EMC :** **Network :**

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/ EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Balfour House, Churchfield Road, Walton-on-Thames, Surrey, KT12 2TD, UK  
identification mark: 0168

**The technical documentation kept at:**  
Samsung Electronics QA Lab.  
**which will be made available upon request. (Representative in the EU)**  
**Place and date of issue:**

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 Mode Head:0.997 W/Kg, Body-worn: 0.387 W/Kg.**

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used 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](http://www.fcc.gov/oet/fccid). [This site uses the phone FCC ID number, A3LSGHX540.](#)

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](http://www.fcc.gov/cgb/sar).

## 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 Batterymarch 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.