



# **SGH-E480 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 call

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 46.

# About this Guide

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

In this guide, the following instruction icons appear:

- ☑ Indicates that you need to pay careful attention to the subsequent information regarding safety or phone features.
- Indicates that you need to press the Navigation keys to scroll to the specified option and then select it.
- [ ] Indicates a key on the phone.  
For example, [  ]
- < > Indicates a soft key, whose function is displayed on the phone screen. For example, < **Menu** >



- **Camera and camcorder**

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

## *Special features of your phone*



- **Music player**

Play music files using your phone as a music player.



- **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 non-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, image, video, and audio.



- **E-mail**

Send and receive e-mails with image, video, and audio attachments.



- **Java**

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



- **Voice recorder**

Record memos or sounds.

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## Overview of menu functions

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

### 1 Call log

- 1 Recent contacts
- 2 Missed calls
- 3 Dialed calls
- 4 Received calls
- 5 Delete all
- 6 Call time
- 7 Call costs<sup>1</sup>

### 2 Phonebook

- 1 Contact list
- 2 FDN contacts\*
- 3 Create contact
- 4 Group
- 5 Speed dial
- 6 My namecard
- 7 Own number
- 8 Management
- 9 Service number<sup>1</sup>

### 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<sup>1</sup>

### 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<sup>2</sup>
- 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<sup>3</sup>

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

## Unpack

Make sure you have each item

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

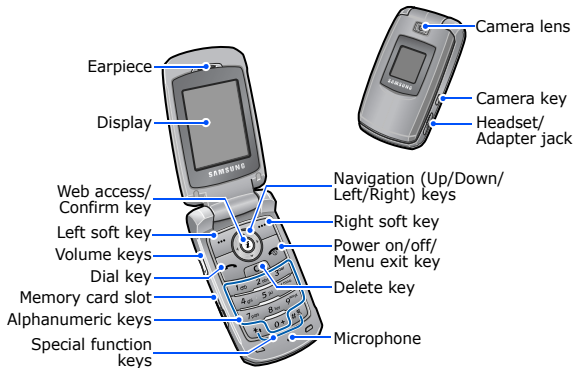
You can obtain various accessories from your local Samsung dealer.



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

## Your phone

Keys, features, and locations



## Get started


First steps to operating your phone

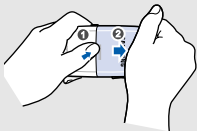
### SIM card information

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

### Install and charge the phone

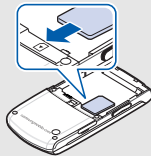
- 1 Remove the battery cover.

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

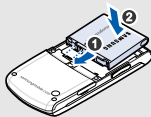


- 2 Insert the SIM card.

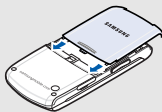
- ✓ Make sure that the gold-coloured contacts on the card are face down.



- 3 Install the battery.



- 4 Reattach the cover.



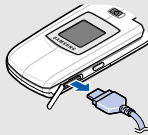
- 5 Plug the travel adapter into the phone.



- 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 wall 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

Do not turn on the phone when mobile phone use is prohibited.

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 [].

## Offline mode

You can switch the phone to Offline mode, in which the phone functions requiring network connections 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 Offline mode, press <Menu> and select **Settings** → **Phone settings** → **Offline mode** → **On**.

In Offline mode, you can use non-wireless functions, such as games, calendar, camera, and music player.

## 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 dialed, missed, or received.



Delete characters from the display or items in an application.



Press and hold to switch the phone on or off.

End a call.

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



Enter numbers, letters, and some special characters.



In Idle mode, press and hold [**1**] to access your voicemail. Press and hold [**0**] to enter an international call prefix.



Enter special characters.  
In Idle mode, press and hold [#] to activate or deactivate Silent mode. Press and hold [\*] to enter a pause between numbers.



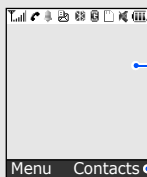
Adjust the phone volume.  
In Idle mode, with the phone open, adjust the key tone volume.



In Idle mode, access the **Camera** menu. Press and hold to turn on the camera.  
In Camera mode, take a photo or record a video.

## Display

### Layout



#### Icons

display various icons.

#### Text and graphics

display messages, instructions, and information you enter.

#### Soft key function indicators

show the current functions assigned to the soft keys.

### Icons<sup>1</sup>



Received signal strength



Call in progress













Out of your service area; you cannot make or receive calls












Alarm set



SOS message feature active

-  New text message
-  New voicemail
-  New multimedia message
-  New e-mail
-  Call diverting feature active
-  Bluetooth active
-  Bluetooth headset or hands-free car kit connected
-  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, if registered for the appropriate service

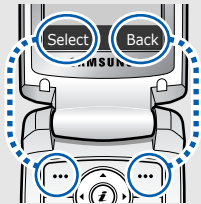
-  Memory card inserted
-  Silent mode (Vibration)
-  Silent mode (Mute)
-  Ringer type
  - None: Melody or Increasing melody
  -  : Vibration
  -  : Melody and vibration or Increasing and vibration
  -  : Vibration then melody
  -  : Melody then vibration
-  Battery power level

1. Depending on your country or service provider, the icons shown on the display may vary.

## Access menu functions

### Use the soft keys

The roles of the soft keys vary depending on the function you are using. The bottom line of the display indicates their current role.



Press the left soft key to select the highlighted option.

Press the right soft key to return to the previous menu level.

### 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 [ **i** ] to confirm the function displayed or option highlighted.
4. To exit, choose either of the following methods:
  - Press **<Back>** to move up one level.
  - Press [ **ⓞ** ] to return to Idle mode.

### Use shortcuts

Press the number key corresponding to the option you want.

## Customise your phone

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### Display language

1. In Idle mode, press <Menu> and select **Settings** → **Phone settings** → **Language**.
  2. Select a language.
- 

### Call ringer melody

1. In Idle mode, press <Menu> and select **Settings** → **Sound settings** → **Incoming call** → **Ring tone**.
  2. Select a ringtone category.
  3. Select a ringtone.
  4. Press <Save>.
- 

### Idle mode wallpaper

You can set wallpaper for the idle screen on the main display.

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

You can set [Left], [Right], or [Down] to function as shortcuts to access your favourite menus.

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.

## My Menu mode

You can set up a menu for your own favourite menu items.

To set a My menu item:

1. In Idle mode, press <Menu> and select **Settings** → **Phone settings** → **My menu**.
2. Select an item to be changed.
3. Select the menu item you want.

To access a My menu item:

1. In Idle mode, press [Up].
2. Scroll to an item.
3. Press [↵].

### Silent mode

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

Press and hold [#] in Idle mode.

### Phone lock

You can protect the phone against unauthorised use with a phone password. The phone will require the password on power-up.

1. In Idle mode, press <Menu> and select **Settings** → **Security** → **Change password**.
2. Enter the current password and press <OK>.
3. Enter a new 4- to 8-digit password and press <OK>.

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

5. Select **Phone lock**.

6. Select **Enable**.

7. Enter the password and press <OK>.

## Make/Answer calls

### Make a call



1. Enter an area code and phone number.

2. Press [📞].

3. To end the call, press [📞].


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### Answer a call

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

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### Adjust the volume during a call

Press [].




## Step outside the phone

*Begin with your camera, the music player, the web browser, and other special features*

### Use the camera

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#### 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 [] 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 <Menu> and select **My files** → **Images** → **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 [**i**] to start recording.
4. Press [**i**], [], or <> to stop recording. The video is saved automatically.
5. Press <> to record another video.

### Play a video

1. In Idle mode, press <Menu> and select **My files** → **Videos** → **My video clips**.
2. Select the video clip 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

### Create a play list

1. In Idle mode, press <Menu> and select **Applications** → **Music player**.
2. Press <Options> and select **Add music from** → a memory location.
3. Press [ **z** ] to select the files you want and press <Add>.

### Play music files

1. From the music player screen, press [ **z** ].
2. During playback, use the following keys:
  - **z**: pauses or resumes playback.
  - Up: opens the current play list.
  - Left: returns to the previous file. Moves backward in a file when held down.
  - Right: skips to the next file. Skips forward in a file when held down.
  - **▲/▼**: adjusts the volume.
3. Press [Down] to stop playback.

## Listen to the FM radio

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### Listen to the radio

1. Plug the connector of the supplied headset into the jack on the right side of the phone.
2. In Idle mode, press <Menu> and select **Applications** → **FM radio**.
3. Press [**⏏**] to turn on the radio.
4. Press [Left] or [Right] to find available radio stations.
5. To turn off the radio, press [**⏏**].

### Store radio stations

1. From the station list, press <Options> and select **Add**.
2. Enter the frequency of the station and press <Save>.

## Browse the web


Using a built-in web 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 web browser

In Idle mode, press [**⏏**] or press <Menu> and select **Browser** → **Home**.

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## Navigate the web

- To scroll through browser items, press [Up] or [Down].
- To select an item, press <✓> or [↵].
- 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

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### Add a contact

#### To the phone's memory:

1. In Idle mode, enter a phone number and press [↵].
2. Select **Phone** → **New** → a number type.
3. Specify contact information: First name, Last name, Mobile, Home, Office, Fax, Other, Email, Graphic ID, Ringtone, Group, Birthday, and Notes.
4. Press <Options> and select **Save**, or press [↵] to save the contact.

### Add a contact

(continued)

#### To the SIM card:

1. In Idle mode, enter a phone number and press [ **⌵** ].
2. Select **SIM** → **New**.
3. Enter a name.
4. Press <**Options**> and select **Save**, or press [ **⌵** ] 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 [ **⌵** ] to edit contact information.

### Create and send a name card

1. In Idle mode, press <**Menu**> and select **Phonebook** → **My namecard**.
2. Specify your contact information.
3. Press [ **⌵** ] to save the name card.
4. To send the name card, press <**Options**> and select **Send via** → a sending method.

## Send messages

### Send a text message (SMS)

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

- 
2. Enter the message text and press [ **⏏** ].
  3. Enter destination numbers.
  4. Press [ **⏏** ] to send the message.

---

**Send a multimedia message (MMS)**

1. In Idle mode, press <**Menu**> and select **Messages** → **Create new message** → **Multimedia message**.
2. Select **Subject**.
3. Enter the message subject and press [ **⏏** ].
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 voice clip.
6. Select **Text**.
7. Enter the message text and press [ **⏏** ].
8. Press <**Options**> and select **Send**.
9. Enter destination numbers or addresses.
10. Press [ **⏏** ] to send the message.

### Send an e-mail

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

9. Enter e-mail addresses.
10. Press [ **⏏** ] to send the e-mail.


## View messages

### View a text message

When a notification appears:

1. Press <**View**>.
2. Select the message from the Inbox.

From the Inbox:

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


---

## View a multimedia message

### When a notification appears:

1. Press <**View**>.
2. Select the message from the Inbox.

### From the Inbox:

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

---

## View an e-mail

1. In Idle mode, press <**Menu**> and select **Messages** → **My messages** → **Email inbox**.
2. Select **Check new mail**.

3. Select an e-mail or a header.
4. If you selected a header, press <**Options**> and select **Retrieve** to view the body of the e-mail.

---

## Send an SOS message

You can send an SOS message to your family or friends for help in an emergency.

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## Set up SOS message options

1. In Idle mode, press <**Menu**> and select **Messages** → **SOS messages** → **Sending options**.
2. Select **On** from the **Sending SOS** line.

### Set up SOS message options

(continued)

3. Select **Recipients**.
4. Enter the phone numbers to which you want to send the SOS message and press [ **i** ].
5. Press <**Save**>.
6. Press <**Yes**> to send a notification to the registered numbers.

### Send the SOS message

In Idle mode, with the phone closed, press [ **▲/▼** ] 4 times. The phone sends the SOS message.

## 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>**.
4. 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. Select a device.
5. If necessary, enter the Bluetooth PIN and press **<OK>**.

**Receive data**

To receive data via Bluetooth, your phone's Bluetooth feature must be active.

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.

## Enter text

*ABC, T9, Number, and Symbol modes*

You can enter text in some features such as Messages, Phonebook, or Calendar, using ABC mode, T9 mode, Number mode, and Symbol mode.

### Changing the text input mode

The text input mode indicator displays when the cursor is in a text field.

- Press and hold [**\***] to switch between T9 (**T9**) and ABC (**ABC**) modes.
- Press [**\***] to change case or to switch to Number mode (**123**).
- Press and hold [**#**] to switch to Symbol mode (**SYM**).

### Using ABC mode

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

### 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 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.

## Using T9 mode

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

### Entering a word in T9 mode

1. Press [**2**] to [**9**] to start entering a word. Press each key once for each letter. For example, press [**4**], [**3**], [**5**], [**5**], and [**6**] to enter *Hello* in T9 mode. 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.

### Other T9 mode operations

- Press [**1**] to enter periods or apostrophes automatically.
- 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.

### Adding a new word to the T9 dictionary

This feature may not be available for some languages.

1. Enter the word that you want to add.
2. Press [**0**] to display alternative words for your key presses. When there are no more alternative words, **Spell** displays on the bottom line.

3. Press **<Spell>**.
4. Enter the word you want using ABC mode and press **<Add>**.

## Using Number mode

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

## Using Symbol mode

Symbol mode enables you to insert symbols.

| To                   | Press                         |
|----------------------|-------------------------------|
| move to a symbol set | the Navigation keys.          |
| select a symbol      | the corresponding number key. |

| To                 | Press               |
|--------------------|---------------------|
| clear the symbols  | <b>[C]</b> .        |
| insert the symbols | <b>&lt;OK&gt;</b> . |

## 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 and hold [\*] to enter a pause between numbers.

2. Press [↵].
3. When you want to end the call, press [📞].

#### Making an international call

1. In Idle mode, press and hold [0]. The + character appears.

2. Enter the country code, area code, and phone number, then 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 a call from Phonebook

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

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

You can quickly dial a number from the SIM card using the location number assigned when stored.

1. In Idle mode, enter the location number for the phone number you want and press [#].
2. Scroll through other numbers, if necessary.
3. Press <Dial> or [↩] to dial the number you want.

## Answering a call

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

Press <Accept> or [↩] to answer the call.

### Tips for answering a call

- When **Anykey answer** is active, you can press any key to answer a call, except for <Reject> and [⏏].
- When **Active flip** is active, you can simply open the phone.
- Press <Reject> or [⏏] to reject a call.

- Press and hold [▲/▼] to reject a call or mute the ringer, depending on the **Volume key** setting.

## Viewing missed calls

If you have missed calls, the screen displays how many calls you have missed.

1. Press <View>.
2. If necessary, scroll through the missed calls.
3. Press [↩] to dial the number you want.

## 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 and then press and hold it again. |
| answer a call        | the button and hold.                         |
| end a call           | the button and hold.                         |

### Options during a call

You can access a number of functions during a call.

#### Adjusting the volume during a call

Use [**▲/▼**] to adjust the earpiece volume during a call.


Press [**▲**] to increase the volume level and [**▼**] to decrease the volume level.

### Placing a call on hold/Retrieving

Press <**Hold**> to place the call on hold, or press <**Retrieve**> to retrieve the call.


### Making a second call

You can make another call if your network supports this function.

1. Press <**Hold**> to put the call on hold.
2. Make the second call in the normal way.
3. Press <**Swap**> to switch between the calls.
4. Press <**Options**> and select **End held call** to end the call on hold.
5. To end the current call, press [].



### Answering a second call

You can answer an incoming call while already on the phone, if your network supports this function and you have activated the call waiting feature.

1. Press [  ] to answer the call. The first call is automatically put on hold.
2. Press <Swap> to switch between the calls.

### Using the speakerphone feature

Use the speakerphone feature to talk and listen with the phone a short distance away.

Press [  ] and then <Yes> to activate the speakerphone feature. Press [  ] again to switch back to the earpiece.

## Menu functions

*All menu options listed*

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

### Call log

| Menu  | Description   |
|---|---|
| Recent contacts,<br>Missed calls,<br>Dialled calls,<br>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. |

---

## Browser

| Menu | Description   |
|------|---|
| Home | Connect your phone to the network and load the homepage of the wireless web service provider. |

---

| Menu             | Description  |
|------------------|--|
| 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. |
| 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, email messages.                                 |
| My messages        | Access messages that you have received, sent, or that have failed during sending. |
| 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.                          |

| Menu               | Description   |
|--------------------|---|
| SOS messages       | Specify options for sending and receiving an SOS message.           |
| 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. |

## Menu functions

| Menu        | Description  |
|-------------|--|
| Calendar    | Keep track of your schedule.   |
| 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<br>→ Language         | Select a language for the display text.  |
| Phone settings<br>→ Greeting message | Enter the greeting that is displayed briefly when the phone is switched on.  |
| Phone settings<br>→ Shortcuts        | Use the Navigation keys as shortcuts to access specific menus directly from Idle mode.                                 |
| Phone settings<br>→ 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. |

| Menu                                   | Description  |
|--|--|
| Phone settings<br>→ Advanced shortcuts | Activate the advanced shortcut feature, which allows you to access specific applications from the dialling screen. |
| Phone settings<br>→ Volume key         | Set how the phone reacts if you press and hold [▲/▼] when a call comes in.   |
| Phone settings<br>→ USB settings       | Select a USB mode that will be used when you connect your phone to another device via USB interface.               |
| Phone settings<br>→ Extra settings     | Change additional settings for using the phone.  |
| Phone settings<br>→ Offline mode       | Switch the phone to Offline mode, in which the phone functions requiring network connection are deactivated.       |

## Menu functions

| Menu                                     | Description  |
|--|--|
| Display settings<br>→ Wallpaper          | Change the background image that is displayed in Idle mode.            |
| Display settings<br>→ Main menu<br>style | Select a display style for the main menu screen.                       |
| Display settings<br>→ Text display       | Change the display settings for the text displayed on the idle screen. |
| Display settings<br>→ Skin               | Select a skin colour pattern for Menu mode.                            |
| Display settings<br>→ Brightness         | Adjust the brightness of the display for varying lighting conditions.  |

| Menu                                      | Description   |
|---|---|
| Display settings<br>→ Dialling<br>display | Customise the settings for the display while dialling.  |
| Display settings<br>→ Calendar            | Display the calendar of the current month on the idle screen.                                     |
| Display settings<br>→ Show caller ID      | Set the phone to display or block caller information on all incoming calls, messages, and emails. |
| Sound settings<br>→ Incoming call         | Change the sound settings for incoming calls.   |
| Sound settings<br>→ Keypad tone           | Select the tone that the phone sounds when you press a key.                                       |

| Menu                                  | Description   |
|---------------------------------------|---|
| Sound settings<br>→ Message tone      | Change the sound settings for incoming messages individually according to message type. |
| Sound settings<br>→ Power-on/off tone | Select the melody that the phone sounds when it is switched on or off.                  |
| Sound settings<br>→ Silent mode       | Set how the phone acts to alert you to a specific event while in Silent mode.           |
| Sound settings<br>→ Extra tones       | Customise additional tones for the phone.   |
| Light settings →<br>Backlight time    | Select the length of time the backlight or display stays on when the phone is not used. |

| Menu                                    | Description  |
|---|--|
| Light settings →<br>Keypad light        | Set how the phone controls the use of the keypad light.  |
| Network services → Call<br>diverting    | Set the phone to reroute incoming calls to a phone number that you specify.  |
| Network services → Call<br>barring      | Set the phone to restrict calls.   |
| Network services → Call<br>waiting      | Set the phone to inform you when someone is calling you while on another call.                                     |
| Network services →<br>Network selection | Select the network to be used while roaming outside of your home area, or let the network be chosen automatically. |

## Menu functions

| Menu                                 | Description  |
|--------------------------------------|--|
| Network services → Caller ID         | Set the phone to hide your phone number from the person you are calling. |
| 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.  |

| Menu                       | Description  |
|----------------------------|--|
| Security → Phone lock      | Activate your phone password to protect your phone against unauthorised use.           |
| 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. |

| Menu                      | Description   |
|---------------------------|---|
| Security → FDN mode       | Set the phone to restrict calls to a limited set of phone numbers, if supported by your SIM card.                                       |
| 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. |

| Menu           | Description  |
|----------------|--|
| 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.   |
| 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*

### **SAR certification information**

---

This phone meets European Union (EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured to not exceed the limits for exposure to radio-frequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit recommended by the EU Council is 2.0 W/kg.<sup>1</sup>

The highest SAR value for this model phone was 0.372 W/kg.

SAR tests are conducted using standard operating positions 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 base station, the lower the power output of the phone.

- 
1. The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary, depending on national reporting requirements and the network band.

Before a new model phone is available for sale to the public, compliance with the European R&TTE Directive must be shown. This directive includes as one of its essential requirements the protection of the health and safety of the user and any other person.

### **Precautions when using batteries**

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- Never use a 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 service provider.
- Battery charging time depends on the remaining battery charge, the type of battery, and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers. Disconnect the charger from the power source when it is not in use. 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 because the capacity and lifetime of the battery will be reduced. Try to keep the battery at room temperature. A phone with a hot or cold battery may not work temporarily, 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 like a coin, clip or pen causes a direct connection between the + and – terminals of the battery (metal strips on the battery). For example, do not carry a spare battery in a pocket or bag where the battery may contact metal objects. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

### **Road safety**

---

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.

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.

### **Other important safety information**

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

- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including 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**

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

- Keep your phone and all its parts and accessories out of the reach of small children and pets. They may accidentally damage these things or choke on small parts.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals 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.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.

## *Health and safety information*

- 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.



# Declaration of Conformity (R&TTE)

We,

**Samsung Electronics**

declare under our sole responsibility that the product

**GSM Mobile Phone : SGH-E480**

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

|               |  |
|---------------|--|
| <b>SAFETY</b> | <b>EN 60950- 1 : 2001</b>              |
|               | <b>EN 301 489- 01 V1.4.1 (08-2002)</b> |
| <b>EMC</b>    | <b>EN 301 489- 07 V1.2.1 (08-2002)</b> |
|               | <b>EN 301 489- 17 V1.2.1 (08-2002)</b> |
| <b>SAR</b>    | <b>EN 50360 : 2001</b>                 |
|               | <b>EN 50361 : 2001</b>                 |
| <b>RADIO</b>  | <b>EN 301 511 V9.0.2 (03-2003)</b>     |
|               | <b>EN 300 328 V1.6.1 (11-2004)</b>     |

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<sup>[IV]</sup> 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<sup>⊗</sup>  
Identification mark: 0168**

The technical documentation kept at :

Samsung Electronics QA Lab.

**CE 0168**

which will be made available upon request.  
(Representative in the EU)

Samsung Electronics Euro QA Lab.  
Blackbushe Business Park, Saxony Way,  
Yateley, Hampshire, GU46 6GG, UK<sup>⊗</sup>

2006, 12, 07

**Yong-Sang Park / S. Manager**

(place and date of issue)

(name and signature of authorised person)

<sup>⊗</sup> It is not the address of Samsung Service Centre. For the address or the phone number of Samsung Service Centre, see the warranty card or contact the retailer where you purchased your phone.

- \* 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**



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<http://www.samsungmobile.com>

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