

SGH-F490
user manual



using this manual

This user manual has been specially designed to guide you through the functions and features of your mobile phone. To get started quickly, refer to “introducing your mobile phone,” “assembling and preparing your mobile phone,” and “using basic functions.”

Instructional icons

Before you start, familiarise yourself with the icons you will see in this manual:



Warning—situations that could cause injury to yourself or others



Caution—situations that could cause damage to your phone or other equipment



Note—notes, usage tips, or additional information

- ▶ **Refer to**—pages with related information; for example: ▶ p.12 (represents “see page 12”)
- **Followed by**—the order of options or menus you must select to perform a step; for example: Touch [○] → ✉ → **Create message** (represents [○], followed by ✉, followed by **Create message**).
- [] **Square brackets**—phone keys; for example: [📷] (represents the Camera/Video call key).

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- Bluetooth® is a registered trademark of the Bluetooth SIG, Inc. worldwide—Bluetooth QD ID: B013460.
- Java™ is a trademark of Sun Microsystems, Inc.
- Windows Media Player® is a registered trademark of Microsoft Corporation.

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safety and usage information

Comply with the following precautions to avoid dangerous or illegal situations and ensure peak performance of your mobile phone.



Safety warnings

Keep your phone away from small children and pets

Keep your phone and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

Protect your hearing



Listening to a headset at high volumes can damage your hearing. Use only the minimum volume setting necessary to hear your conversation or music.

Install mobile phones and equipment with caution

Ensure that any mobile phones or related equipment installed in your vehicle are securely mounted. Avoid placing your phone and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your phone. Incompatible batteries and chargers can cause serious injuries or damage to your phone.
- Never dispose of batteries in a fire. Follow all local regulations when disposing used batteries.

- Never place batteries or phones on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Avoid interference with pacemakers

Maintain a minimum of 15 cm (6 inches) between mobile phones and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research. If you have any reason to suspect that your phone is interfering with a pacemaker or other medical device, turn off the phone immediately and contact the manufacturer of the pacemaker or medical device for guidance.

Turn off the phone in potentially explosive environments

Do not use your phone at refuelling points (service stations) or near fuels or chemicals. Turn off your phone whenever directed by warning signs or instructions. Your phone could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.

Reduce the risk of repetitive motion injuries

When sending text messages or playing games on your phone, hold the phone with a relaxed grip, press the buttons lightly, use special features that reduce the number of buttons you have to press (such as templates and predictive text), and take frequent breaks.



CAUTION

Safety precautions

Drive safely at all times

Avoid using your phone while driving and obey all regulations that restrict the use of mobile phones while driving. Use hands-free accessories to increase your safety when possible.

Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile phone in a certain area.

Use only Samsung-approved accessories

Using incompatible accessories may damage your phone or cause injury.

Turn off the phone near medical equipment

Your phone can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

Turn off the phone or disable the wireless functions when in an aircraft

Your phone can cause interference with aircraft equipment. Follow all airline regulations and turn off your phone or switch to a mode that disables the wireless functions when directed by airline personnel.

Protect batteries and chargers from damage

- Avoid exposing batteries to very cold or very hot temperatures (below 0° C/32° F or above 40° C/104° F). Extreme temperatures can reduce the charging capacity and life of your batteries.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and - terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

Handle your phone carefully and sensibly

- Do not allow your phone to get wet—liquids can cause serious damage. Do not handle your phone with wet hands. Water damage to your phone can void your manufacturer's warranty.

- Avoid using or storing your phone in dusty, dirty areas to prevent damage to moving parts.
- Your phone is a complex electronic device — protect it from impacts and rough handling to avoid serious damage.
- Do not paint your phone, as paint can clog moving parts and prevent proper operation.
- Avoid using the phone's camera flash or light close to the eyes of children or animals.
- Your phone and memory cards may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your phone to come in contact with magnetic fields for extended periods of time.

Avoid interference with other electronic devices

Your phone emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded electronic equipment, such as pacemakers, hearing aids, medical devices, and other electronic devices in homes or vehicles. Consult the manufacturers of your electronic devices to solve any interference problems you experience.

CAUTION



Important usage information

Use your phone in the normal position

Avoid contact with your phone's internal antenna.

Allow only qualified personnel to service your phone

Allowing unqualified personnel to service your phone may result in damage to your phone and will void your warranty.

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.

- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

Handle SIM cards and memory cards with care

- Do not remove a card while the phone is transferring or accessing information, as this could result in loss of data and/or damage to the card or phone.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Frequent writing and erasing will shorten the life span of memory cards.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

Ensure access to emergency services

Emergency calls from your phone may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

Specific Absorption Rate (SAR) certification information

Your phone conforms to European Union (EU) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile phones that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 2.0 watts per kilogram of body tissue.

During testing, the maximum SAR recorded for this model was 0.402 watts per kilogram. In normal use, the actual SAR is likely to be much lower, as the phone has been designed to emit only the RF energy necessary to transmit a signal to the nearest base station. By automatically emitting lower levels when possible, your phone reduces your overall exposure to RF energy.

The Declaration of Conformity at the back of this manual demonstrates your phone's compliance with the European Radio & Terminal Telecommunications Equipment (R&TTE) directive. For more information about the SAR and related EU standards, visit the Samsung mobile phone website.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)



(Applicable in the European Union and other European countries with separate collection systems)

 This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

introducing your mobile phone

In this section, learn about your mobile phone's layout, keys, idle mode, and icons.

Unpack

Check your product box for the following items:

- Mobile phone
- Battery
- Travel adapter (charger)
- User manual

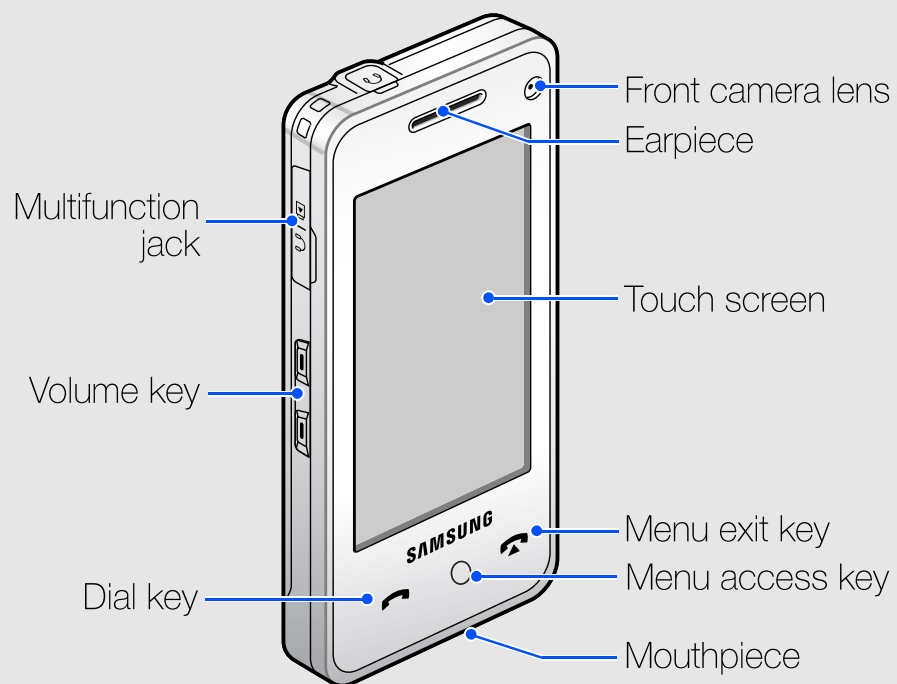


The items supplied with your phone may vary depending on the software and accessories available in your country or offered by your service provider.

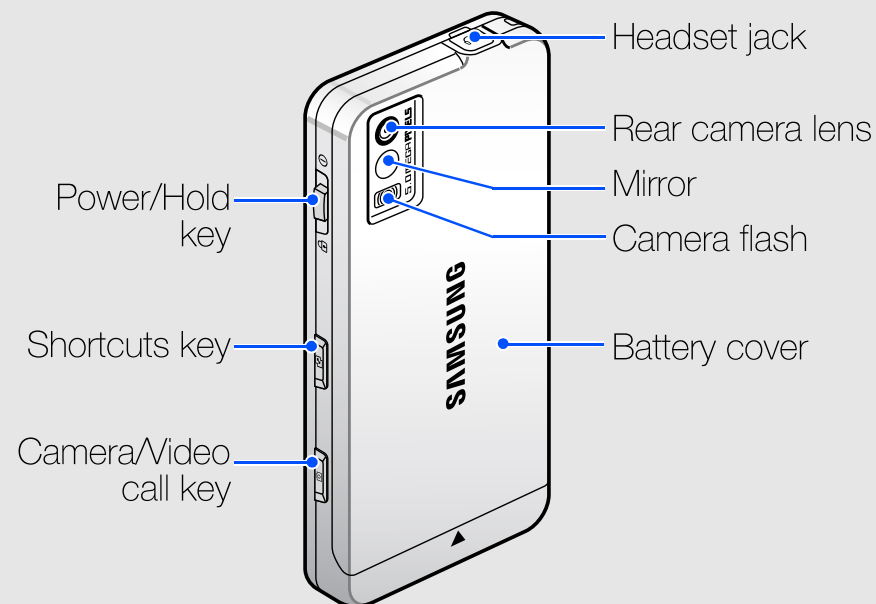
You can obtain additional accessories from your local Samsung dealer.

Phone layout

The front of your phone includes the following keys and features:

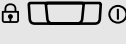


The rear of your phone includes the following keys and features:



You can lock the touch screen and keys to prevent any unwanted phone operations. To lock, slide the Power/Hold key to  .

Keys

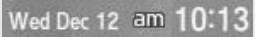
Key	Function
	Dial Make or answer a call; In Idle mode, retrieve recently dialed, missed, or received numbers
	Menu Access the main menu
	Menu exit End a call; In Menu mode, cancel input and return to Idle mode
	Volume Adjust the phone's volume
	Power/ Hold Switch the phone on and off (Slide and hold); Activate or deactivate the touch keys and touch screen
	Shortcuts Open the shortcut menu; Activate the touch keys and touch screen
	Camera/ Video call In Idle mode, turn on the camera (press and hold); In Camera mode, take a photo or record a video; From the dialling screen, make a video call

Idle mode

Learn the functions of Idle mode icons and windows.



- : Switch to Silent profile (mute all sound).
- : Access to the Phonebook.
- : Open the dialling screen.
- : Open the shortcut menu.

- : Open or close the calendar or time window.
- Flick left or right on the calendar or time window to switch from one to the other.
- Touch the calendar or time window twice to open the calendar or world clock screen.

Icons

Learn about the icons that appear on your display.

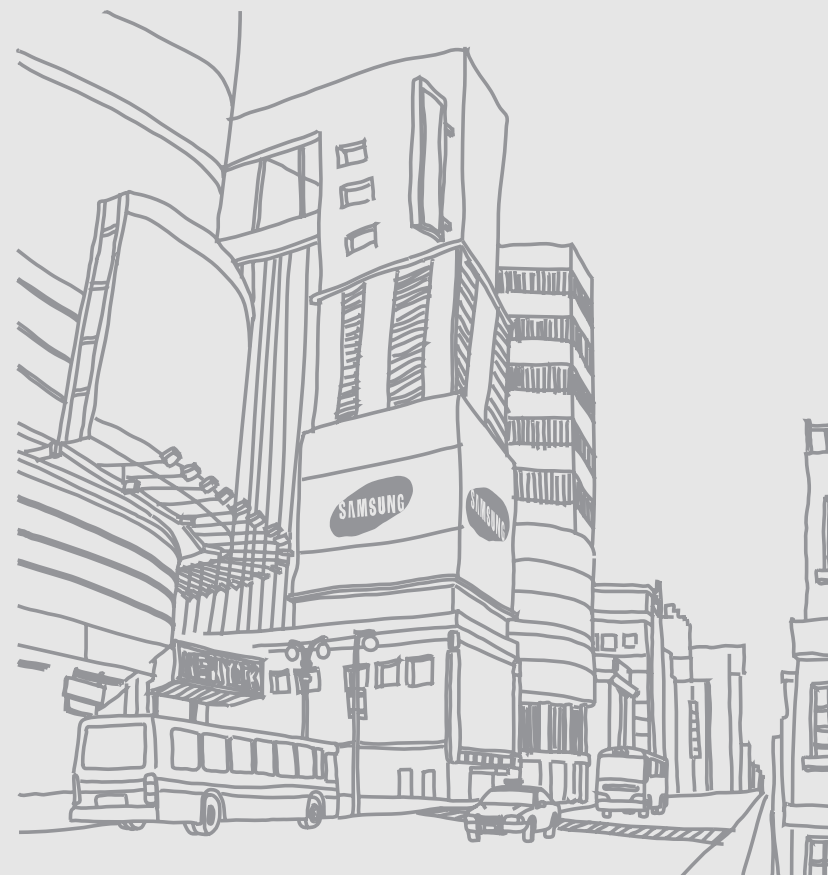
Icon	Definition
	Signal strength
	GPRS network connected
	Transferring data via GPRS network
	EDGE network connected
	Transferring data via EDGE network

Icon	Definition
	UMTS network connected
	Transferring data via UMTS network
	HSDPA network connected
	Transferring data via HSDPA network
	Voice call in progress
	No service available
	Video call in progress
	No service available
	Memory card inserted
	Alarm activated
	Browsing Internet
	Connected to secured web page

Icon	Definition
	Roaming (outside of normal service area)
	Call diverting activated
	Bluetooth activated
	Bluetooth hands-free kit or headset connected
	Synchronised with PC
	Music playback in progress
	Music playback paused
	New text message (SMS)
	New multimedia message (MMS)
	New email message
	New voice mail message

Icon	Definition
	New push message
	New configuration message
	New video message
	Text message full
	Multimedia message full
	Email message full
	Voice mail message full
	Push message full
	Configuration message full
	Normal profile activated
	Silent profile activated

Icon	Definition
	Driving profile activated
	Meeting profile activated
	Outdoor profile activated
	Offline profile activated
	Battery power level



assembling and preparing your mobile phone

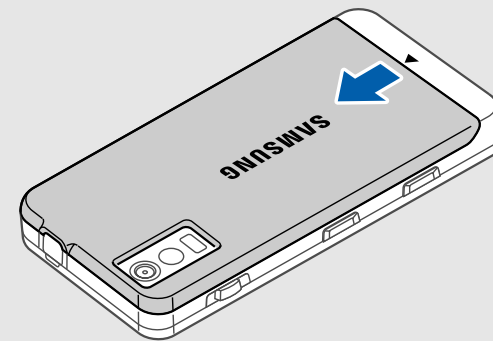
Get started by assembling and setting up
your mobile phone for its first use.

Install the SIM card and battery

When you subscribe to a cellular service, you will receive a Subscriber Identity Module, or SIM card, with subscription details, such as your personal identification number (PIN) and optional services.

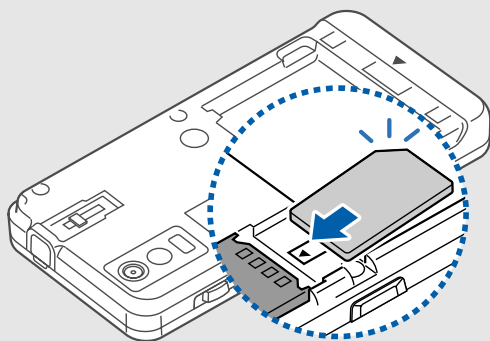
To install the SIM card and battery,

1. Remove the battery cover.



If the phone is on, slide and hold the Power/
Hold key to turn it off.

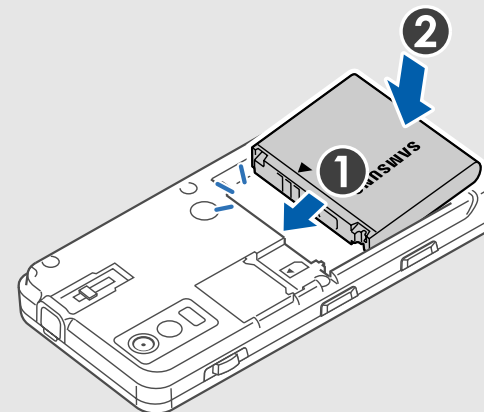
2. Insert the SIM card.



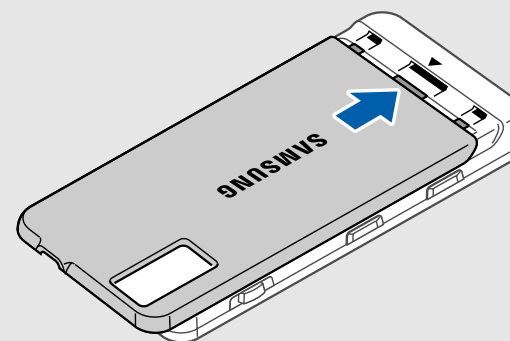
Place the card in the phone with the gold-coloured contacts facing down.

Without inserting a SIM card, you can use your phone's non-network services and some menus.

3. Insert the battery.



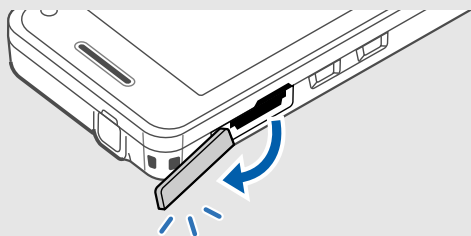
4. Replace the battery cover.



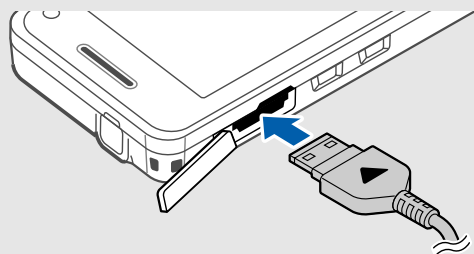
Charge the battery

Before using the phone for the first time, you must charge the battery.

1. Open the cover to the multifunction jack on the side of the phone.



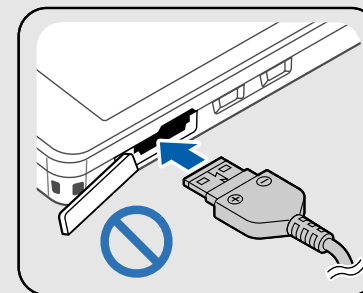
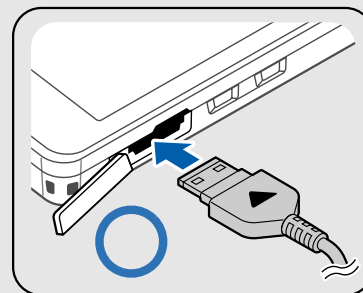
2. Plug the small end of the travel adapter into the jack.



With the triangle facing the front of your phone



Improperly connecting the adapter can cause serious damage to the phone. Any damages by misuse are not covered by the warranty.



3. Plug the large end of the travel adapter into a power outlet.
4. When the battery is fully charged (the  icon is no longer moving), unplug the travel adapter from the power outlet.
5. Unplug the adapter from the phone.
6. Close the cover to the multifunction jack.



About the low battery indicator

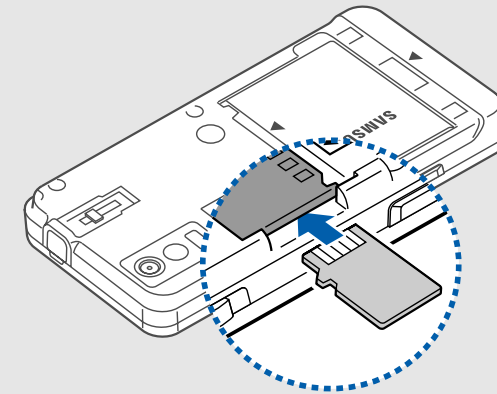
When your battery is low, the phone will emit a warning tone and a low battery message. The battery icon will also be empty and blinking. If the battery level becomes too low, the phone will automatically power off. Recharge your battery to continue using your phone.

Insert a memory card (optional)

To store additional multimedia files, you must insert a memory card. Your phone accepts microSDTM memory cards up to 4 GB (depending on memory card manufacturer and type).

1. Remove the battery cover.

2. Insert a memory card with the label side facing down.



3. Push the card in the slot until it locks in place.

4. Replace the battery cover.

To remove the memory card, push it gently until it disengages from the phone, and then pull the card out of the slot.

using basic functions

Learn how to perform basic operations and use the main features of your mobile phone.

Turn your phone on and off

To turn your phone on,

1. Slide and hold the Power/Hold key.
2. Touch the password input field.
3. Enter your PIN and touch **OK** (if necessary).
4. Align your screen by following the onscreen instructions.

To turn your phone off, repeat step 1 above.

Switch to Offline profile

By switching to Offline profile, you can use your phone's non-network services in areas where wireless devices are prohibited, such as aeroplanes and hospitals.

To switch to Offline profile, touch [○] →  → **Phone profiles** → **Offline** (twice).



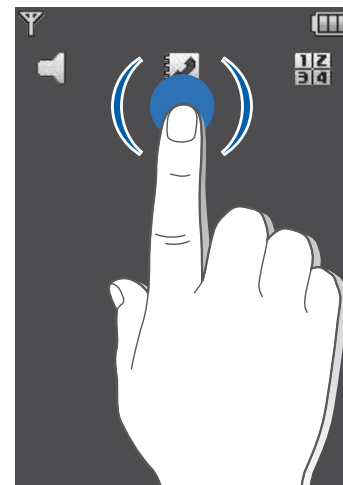
Follow all posted warnings and directions from official personnel when in areas where wireless devices are prohibited.

Use the touch screen

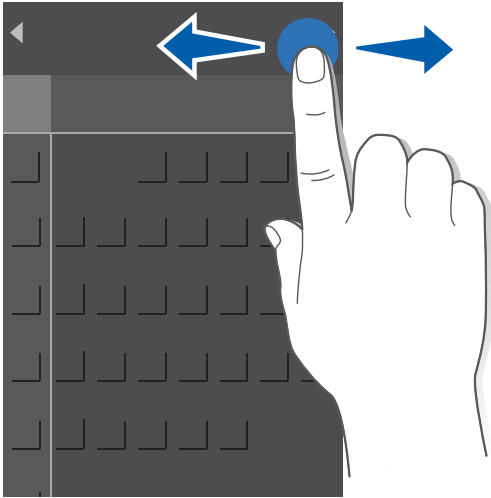
Learn basic actions to use the touch screen.

Your phone's touch screen lets you easily select items or perform functions.

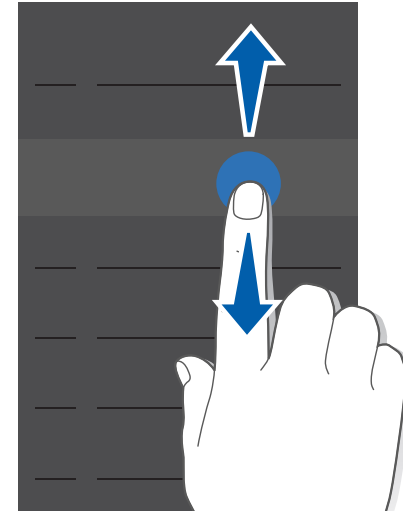
- Touch an icon to open a menu or launch an application.



- Drag your finger left or right to scroll through horizontal lists.



- Drag your finger up or down to scroll through vertical lists.



Dragging on the left side of the screen scrolls through lists quickly and dragging on the right side scrolls slowly.

Access menus

To access your phone's menus,

1. Touch [○].
2. Touch a menu icon.
3. Drag your finger to scroll to a menu or option.
4. Touch **Select** to confirm the highlighted option.
5. Touch **Back** to move up one level; Touch [📞] to return to Idle mode.

Customise your phone

Get more from your phone by customising it to match your preferences.

Adjust the volume of the key tones

In Idle mode, press the Volume key up or down to adjust the key tone volume.

Switch to or from Silent profile

In Idle mode, touch and hold  to silence or  to unsilence your phone.

Change your ringtone

1. In Idle mode, touch [○] →  → **Phone profiles** → a profile.
2. Touch **Options** → **Edit** → **Voice call ringtone** or **Video call ringtone**.
3. Select a ringtone category → a ringtone.
4. Touch **Select** → **Options** → **Save** → **Options** → **Save**.

Select a wallpaper (Idle mode)

1. In Idle mode, touch [○] →  → **Display & light settings** → **Display settings** → **Wallpaper**.
2. Select **Pictures** → an image category → an image.
3. Touch **Set**.

Lock your phone

1. In Idle mode, touch [○] →  → **Security** → **Phone lock**.
2. Select **On**.
3. Touch the password input field.
4. Enter a new 4- to 8-digit password and touch **OK**.
5. Touch the password input field.
6. Enter the new password again and touch **OK**.

Use basic call functions

Learn to make or answer calls and use basic call functions.



During a call, your phone automatically locks most keys to prevent accidental inputs. To unlock the keys, press [].

Make a call

1. In Idle mode, touch  and enter an area code and a phone number.
2. Touch  or [] to dial the number.
For a video call, touch  or press [].
3. To end the call, touch [].

Answer a call

1. When a call comes in, press [] to unlock and touch **Accept**.
For a video call, touch **Show me**.
2. To end the call, touch [.

Adjust the volume

To adjust the volume during a call, press the Volume key up or down.

Use the speakerphone feature

1. During a call, touch  → **Yes** to activate the speaker.
2. To switch back to the earpiece, touch .

Use the headset

By connecting the supplied headset to the phone, you can make and answer calls:

- To redial the last call, press the headset button, and then press again and hold.
- To answer a call, press the headset button.
- To end a call, press and hold the headset button.

Send and view messages

Learn to send and view text (SMS), multimedia (MMS), and email messages.

Send a text or multimedia message

1. In Idle mode, touch [] →  → **Create message** → **Message**.
2. Touch **Recipients** → .

3. Enter a destination number and touch **OK**.
4. Touch the text field → .
5. Enter your message text and touch **OK**.
For sending as a text message, skip to step 8.
For attaching multimedia, continue with step 6.
6. Touch  → an item type (twice).
7. Touch the item you want to add and touch **Options** → **Select**.
8. Touch  to send the message.

Send an email

1. In Idle mode, touch [O] →  → **Create message** → **Email**.
2. Touch .
3. Enter an email address and touch **OK**.
4. Touch **Subject** → .

5. Enter a subject and touch **OK**.
6. Touch the text field → .
7. Enter your email text and touch **OK**.
8. Touch  to send the message.

Enter text

When entering text, you can change the text input mode:

- Touch  to switch between T9, ABC, and Number modes.
- Touch  to switch to Symbol mode.

Enter text in one of the following modes:

Mode	Function
ABC	Touch the appropriate alphanumeric key until the character you want appears on the display.

Mode	Function
T9	1. Press the appropriate alphanumeric keys to enter an entire word. 2. When the word displays correctly, touch  to insert a space. If the correct word does not display, touch  to select an alternate word. To add a word to the dictionary, touch .
Number	Touch the appropriate key to enter a number.
Symbol	Touch the appropriate key to select a symbol.

Edit text using the following actions:

- To clear characters, touch .
- To move the cursor, touch  and then touch , , , or .

- To copy and paste text,
 1. Touch .
 2. Touch .
 3. Move the cursor to highlight the text you want.
 4. Touch **Options** → **Copy**.
 5. Touch **Options** → **Paste** to paste the copied text.

View text or multimedia messages

1. In Idle mode, touch [O] →  → **Inbox**.
2. Select a text or multimedia message.

View an email

1. In Idle mode, touch [O] →  → **Email inbox**.
2. Touch **Options** → **Download**.
3. Select an email or a header.
4. If you selected a header, touch  to view the body of the email.

Add and find contacts

Learn the basics of using the Phonebook feature.

Add a new contact

1. In Idle mode, touch  and enter a phone number.
2. Touch **Options** → **Add to Phonebook** → a memory location (phone or SIM) → **New**.
3. Touch twice a number type, if necessary.
4. Enter contact information.
5. Touch **Options** → **Save**, or **Save** to add the contact to memory.

Find a contact

1. In Idle mode, touch [] → .
2. Touch the text input field.

3. Enter the first few letters of the name you want to find and touch **OK**.
4. Select the contact's name from the search list.



Once you have found a contact, you can:

- call the contact by touching  or []
- edit the contact's information by touching **Options** → **Edit**

Use basic camera functions

Learn the basics to capture and view photos and videos.



When you turn on the camera, the display may appear blank due to temporary electrostatic discharge. Try restarting the phone to solve the problem.

Capture photos

1. In Idle mode, press and hold [- 2. Rotate the phone counter-clockwise to landscape view.
- 3. Aim the lens at the subject and make any adjustments.
- 4. Press [- 5. Touch the screen or [

View photos

In Idle mode, touch [Images → **My photos** → a photo file (twice).

Capture videos

1. In Idle mode, press and hold [- 2. Touch [Camcorder to switch to Record mode.
- 3. Rotate the phone counter-clockwise to landscape view.
- 4. Aim the lens at the subject and make any adjustments.
- 5. Press [- 6. Touch [- 7. Touch **Back** or press [

View videos

In Idle mode, touch [Videos (twice) → **My video clips** → a video file (twice).

Listen to music

Learn how to listen to music via the music player. Start by transferring files to your phone or memory card:

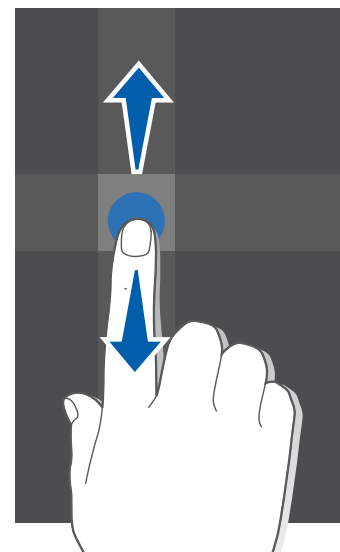
- Download from the wireless web. ► p. 31
- Download from a PC with the optional Samsung PC Studio. ► Samsung PC Studio user manual
- Receive via Bluetooth. ► p. 41
- Copy to your memory card. ► p. 37
- Synchronise with Windows Media Player 11. ► p. 38

After transferring music files to your phone or memory card,

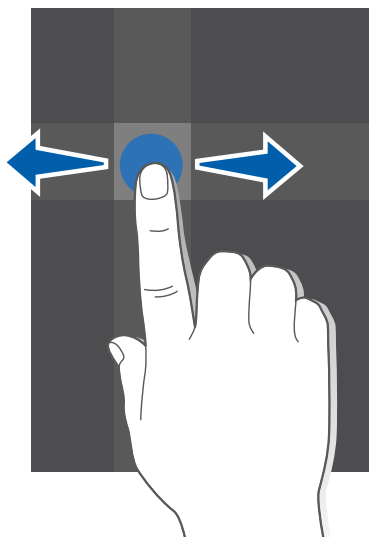
1. In Idle mode, touch [O] → 🎵.
2. Select a music category → a music file.

3. Control playback using the following actions:

- Touch the blue square on the screen to pause or resume playback.
- Drag the blue square up or down to adjust volume.



- Drag the blue square left or right to scan backward or forward in a file.



- Touch the arrow on the left side of the screen to open a playlist. Drag a music file into the music player window to play it.
- Touch the arrow on the right side of the screen to open the music player options.

Browse the web

Learn to access and bookmark your favourite web pages.

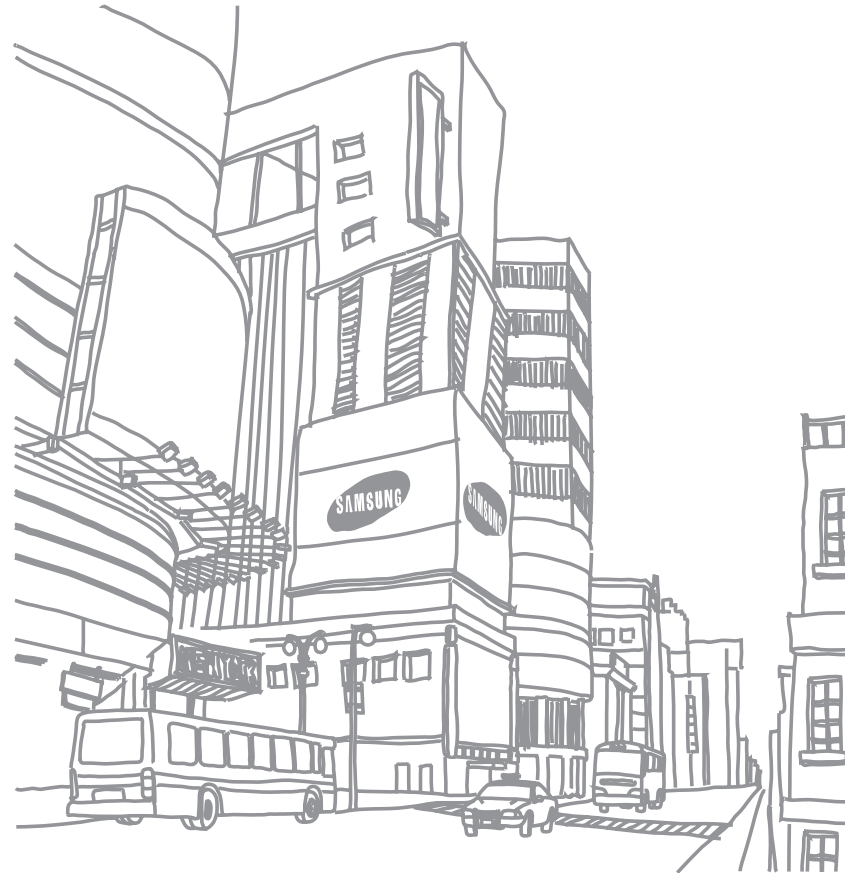
Browse web pages

1. In Idle mode, touch [O] →  → **Home** to launch your service provider's homepage.
2. Navigate web pages using the following keys:

Key	Function
 , 	Scroll up or down on a web page
	Enter a web address
	Change a view mode
Options	Access a list of browser options

Bookmark your favourite web pages

1. In Idle mode, touch [O] →  → **Bookmarks** → **Options** → **Add bookmark**.
2. Enter a page title and a web address (URL).
3. Touch **Save**.



using advanced functions

Learn how to perform advanced operations and use additional features of your mobile phone.

Use advanced call functions

Learn about your phone's additional calling capabilities.

View and dial missed calls

Your phone will display calls you have missed on the display. To dial the number of a missed call,

1. Touch a name or number.
2. Scroll to the missed call you want to dial.
3. Touch [] to dial.

Call a recently dialled number

1. In Idle mode, touch [] to display a list of recent numbers.
2. Scroll to the number you want and touch  or [] to dial.

Hold a call or retrieve a held call

Touch **Hold** to place a call on hold or touch **Retrieve** to retrieve a held call.

Dial a second call

If your network supports this function, you can dial another number during a call:

1. Touch **Hold** to put the first call on hold.
2. Touch , enter the second number to dial, and touch .
3. Touch **Swap** to switch between the two calls.
4. To end the call on hold, touch **Options** → **End** → **Held call**.
5. To end the current call, touch .

Answer a second call

If your network supports this function, you can answer a second incoming call:

1. Touch  to answer the second call.
The first call is automatically placed on hold.
2. Touch **Swap** to switch between the calls.

Make a multiparty call (conference call)

1. Call the first party you want to add to the multiparty call.
2. While connected to the first party, call the second party.
The first party is automatically placed on hold.
3. When connected to the second party, touch .
4. Repeat steps 1 and 2 to add more parties (if necessary).

5. To end the multiparty call, touch [.

Call an international number

1. In Idle mode, touch  and touch and hold **0** to insert the + character.
2. Enter the complete number you want to dial (country code, area code, and phone number), then touch  or [] to dial.

Call a contact from the Phonebook

You can call numbers directly from the Phonebook using stored contacts. ► p. 28

1. In Idle mode, touch [] → .
2. Scroll to the number you want to dial and touch  or [] to dial.

Use advanced Phonebook functions

Learn to create namecards, set speed dial numbers and create groups of contacts.

Create a namecard

1. In Idle mode, touch [] →  → **Options** → **My name card**.
2. Enter your personal details and touch **Options** → **Save**.



You can send your namecard by attaching it to a message or email or transferring it via the Bluetooth wireless feature.

Set speed dial numbers

1. In Idle mode, touch [] →  → .
2. Touch twice a number you want to set (2-9).

3. Touch twice a contact to assign to the number and a number (if necessary).

The contact is saved to the speed dial number.



You can now call this contact from the dialling screen by touching and holding the assigned speed dial number.

Create a group of contacts

By creating groups of contacts, you can assign ringtones and caller ID photos to each group or send messages and emails to an entire group. Start by creating a group:

1. In Idle mode, touch [○] →  →  →  → a location (if necessary).
2. Touch the text input field.
3. Enter a group name and touch **OK**.
4. Touch **Save**.

5. To set the caller ID image, touch **Options** → **Group settings** → **Picture** → an image category → an image → **Options** → **Select**.
6. Touch **Ringtone** (twice) → a ringtone category → a ringtone → **Options** → **Select**.
7. Touch **Options** → **Save**.

Use advanced messaging functions

Learn to create templates and use templates to create new messages.

Create a text template

1. In Idle mode, touch [○] →  → **Templates** → **Text templates**.
2. Touch **Add new** to open a new template window.
3. Touch .

4. Enter your text and touch **OK**.
5. Touch .

Create a multimedia template

1. Create a multimedia message, with a subject and desired attachments, to use as your template. ► p. 25
2. From the message screen, touch **Options** → **Save as template**.
The message is now saved as a multimedia template with a preset name, such as 'Birthday.'

Insert text templates in new messages

1. To start a new message, touch [○] →  → **Create message** → a message type.
2. Touch **Options** → **Insert** → **Text template** → a template.

Create a message from a multimedia template

1. In Idle mode, touch [○] →  → **Templates** → **Multimedia templates**.
2. Scroll to the template you want and touch **Options** → **Send**.
Your template opens as a new multimedia message.

Use advanced music functions

Learn to prepare music files and create playlists.

Copy music files to a memory card

1. Insert a memory card.
2. In Idle mode, touch [○] →  → **Phone settings** → **PC connections** → **Mass storage** → **Save**.
3. Touch [] to return to Idle mode.

4. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
When connected, a pop-up window will appear on the PC.
5. Select **Open folder to view files** in the pop-up window on the PC.
6. Copy files from the PC to the memory card.

Synchronise your phone with Windows Media Player

1. In Idle mode, touch [O] →  → **Phone settings** → **PC connections** → **Media Player** → **Save**.
2. Touch [] to return to Idle mode.
3. Using an optional PC data cable, connect the multifunction jack on your phone to a PC with Windows Media Player installed.
When connected, a pop-up window will appear on the PC.

4. Select **Sync digital media files to this device** in the pop-up window on the PC.
5. Edit or enter your phone's name in the pop-up window (optional), then click **Finish**.

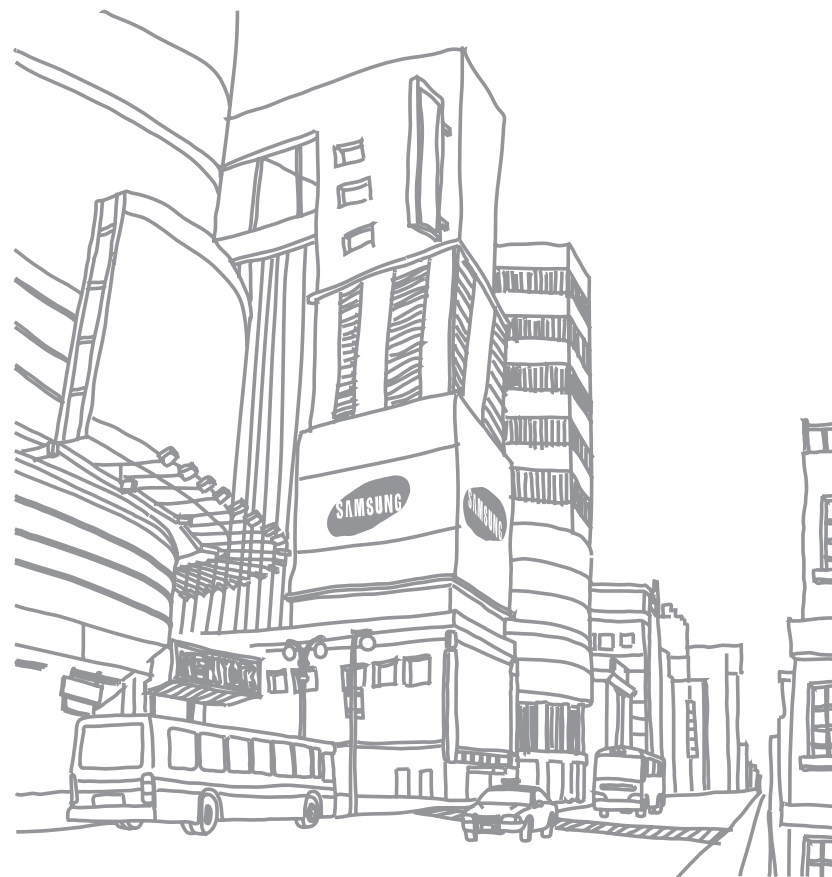
Create a playlist

1. Insert a memory card.
2. In Idle mode, touch [O] →  → **Playlists** (twice).
3. Touch **Options** → **Create playlist**.
4. Touch the text input field.
5. Enter a title for your new playlist and touch **OK**.
6. Touch **Save**.
7. Select the new playlist.
8. Touch **Options** → **Add** → **Files**.
9. Select the files you want to include and touch **Add**.

Customise your music player settings

Learn to adjust the playback and sound settings for your music player.

1. In Idle mode, touch [○] → 🎵.
2. Touch **Options** → **Player settings**.
3. Adjust the settings to customise your music player.
4. Touch **Save**.



using tools and applications

Learn how to work with your mobile phone's tools and additional applications.

Use the Bluetooth wireless feature

Learn about your phone's ability to connect to other wireless devices for exchanging data and using hands-free features.

Turn on the Bluetooth wireless feature

1. In Idle mode, touch [○] →  → **Bluetooth** → **Activation** → **On**.
2. To allow other devices to locate your phone, touch **My phone's visibility** (twice) → **On**.

Find and pair with other Bluetooth-enabled devices

1. In Idle mode, touch [○] →  → **Bluetooth** → **My devices** (twice) → **Search for new devices**.
2. Touch a device twice.

3. Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and touch **OK**.

When the owner of the other device enters the same code or accepts the connection, pairing is complete.

Send data using the Bluetooth wireless feature

1. Select the file or item from one of your phone's applications that you want to send.
2. Touch **Options** → **Send name card via** or **Send via** → **Bluetooth**.

Receive data using the Bluetooth wireless feature

1. Enter the PIN for the Bluetooth wireless feature and touch **OK** (if necessary).

2. Touch **Yes** to confirm that you are willing to receive data from the device (if necessary).

Create and send an SOS message

When you have an emergency, you can send an SOS message asking for help. To create an SOS message,

1. In Idle mode, touch [] →  → **SOS messages** → **Sending options**.
2. Touch **Sending SOS** to turn on the SOS messaging feature.
3. Touch **Recipients** to open the recipients list.
4. Touch **Options** → **Phonebook** to open your contact list.
5. Select the contacts you want and touch **Done**.
6. Select a number (if necessary).

7. Touch **Options** → **OK** to save the recipients.
8. Touch **Repeat** and set the number of times to repeat the SOS message.
9. Touch **Save** → **Yes**.

To send an SOS message, the keys must be locked. Press the Volume key four times.



Once you send an SOS message, all phone functions will be suspended until you unlock the keys.

Activate mobile tracker

When someone inserts a new SIM card in your phone, the mobile tracker feature will automatically send the contact number to two recipients to help you locate and recover your phone. To activate mobile tracker,

1. In Idle mode, touch [O] →  → **Security** → **Mobile tracker**.

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2. Touch the password input field.
3. Enter your password and touch **OK**.



The first time you access mobile tracker, you will be prompted to create and confirm a password.

4. Touch **Activation** to turn on the mobile tracker.
5. Touch **Recipients** to open the recipients list.
6. Touch **Options** → **Phonebook** to open your contact list.
7. Touch a contact and a number.
8. Touch **Options** → **OK**.
9. Touch **Sender**.
10. Enter the sender's name and touch **OK**.
11. Touch **Options** → **Save**.
12. Touch **Accept**.

Record and play voice memos

Learn to operate your phone's voice recorder.

Record a voice memo

1. In Idle mode, touch [○] →  → **Voice recorder**.
2. Touch the blue square to start recording.
3. Speak your memo into the microphone (up to 1 hour).
4. When you are finished speaking, touch . Your memo is saved automatically.

Play a voice memo

1. From the voice recorder screen, touch .
2. Select a file.
3. Control the playback using the following actions:
 - Touch the blue square to pause or resume playback.

- Drag the blue square up or down to adjust volume.
- Drag the blue square left or right to scan backward or forward in a file.
- Touch  to stop playback.

Use Java-powered games and applications

Learn to use games and applications powered by award-winning Java technology. Download games and applications from the wireless web.



Depending on the software of the phone, the download of java files may not be supported.

Play games

1. In Idle mode, touch [○] →  → **Games**.

2. Select a game from the list and follow the onscreen instructions.



Available games may vary, depending on your service provider or country. Game controls and options may vary.

Launch applications

1. In Idle mode, touch [○] →  → **Games** → an application (twice).
2. Touch **Options** to access a list of various options and settings for your application.

Create and view world clocks

Learn to view the time in another country or city and set world clocks to appear on your display.

Create a world clock

1. In Idle mode, touch [○] →  → **World clock**.
2. Touch **Options** → **Add**.
3. Scroll left or right to select a time zone.
4. To set daylight saving time, select **Daylight saving**.
5. Touch **OK** to create your world clock.

Add a world clock to your display

View clocks with two different time zones on your display.

After you have created a world clock,

1. In Idle mode, touch [○] →  → **World clock**.
2. Scroll to the world clock you want to add and touch **Options** → **Display settings**.

3. Scroll left or right to select **Dual**.
4. Touch **Save**.

Set and use alarms

Learn to set and control alarms for important events.

Set a new alarm

1. In Idle mode, touch [○] → .
2. Scroll to an empty alarm slot and touch it.
3. Set alarm details.
4. Touch **Options** → **Save**.



The auto power-up feature sets the phone to automatically turn on and sound the alarm at the designated time if the phone is switched off.

Stop an alarm

When the alarm sounds,

- Press any key to stop an alarm without snooze.
- Touch **Snooze** to stop an alarm with snooze or press any key to silence the alarm for the snooze period.

Deactivate an alarm

1. In Idle mode, touch [○] → .
2. Scroll to the alarm you want to deactivate and touch it.
3. Touch **Alarm activation** and select **Off**.
4. Touch **Options** → **Save**.

Use the calculator

1. In Idle mode, touch [○] →  → **Calculator**.
2. Use the keys that correspond to the calculator display to perform basic mathematical operations.

Convert currencies or measurements

1. In Idle mode, touch [○] →  → **Convertor** → a conversion type.
2. Enter the currencies or measurements and units in the appropriate fields.

Set a countdown timer

1. In Idle mode, touch [○] →  → **Timer**.
2. Touch **Set**.
3. Enter hours or minutes to count down and touch **OK**.
4. Touch , , or **Set** to begin, pause, or stop the countdown.
5. When the timer expires, touch **OK** to stop the alert.

Use the stopwatch

1. In Idle mode, touch [○] →  → **Stopwatch**.
2. Touch , , or **Stop** to begin, record lap times (up to 50), or stop the stopwatch.
3. Touch **Reset** to clear recorded times.

Create a new task

1. In Idle mode, touch [○] →  → **Task**.
2. Touch **Options** → **Create**.
3. Enter the details of the task.
4. Touch **Options** → **Save**.

Create a text memo

1. In Idle mode, touch [○] →  → **Memo**.
2. Touch **Options** → **Create**.
3. Touch the text input field.
4. Enter your memo text and touch **OK**.
5. Touch **Options** → **Save**.

Manage your calendar

Learn to change the calendar view and create events.

Change the calendar view

1. In Idle mode, touch [○] → .
2. Touch **Options** → **View by** → **Day** or **Week**.

Create an event

1. In Idle mode, touch [○] → .
2. Touch **Options** → **Create** → an event type.
3. Enter the details of the event as required.
4. Touch **Options** → **Save**.

overview of menu functions

To access Menu mode, touch [○] in Idle mode.

1 Call log

2 Phonebook

3 Music Player

4 Internet

- 1 Home
- 2 Enter URL
- 3 Bookmarks
- 4 Saved pages
- 5 History
- 6 Settings
- 7 Browser profiles

5 Messages

- 1 Create message
- 2 Inbox
- 3 Email inbox
- 4 Drafts
- 5 Outbox
- 6 Sent message
- 7 My folder
- 8 Templates
- 9 Delete all
- 10 Settings
- 11 SOS messages
- 12 Memory status

6 My files

- Images
- Videos
- Sounds
- Other files
- Media album¹
- Memory status

7 Calendar

8 Camera

9 Google/Bluetooth[‡]

10 Applications^{‡‡}

- 1 Bluetooth
- 2 Games
- 3 Memo
- 4 Task
- 5 World clock
- 6 Calculator
- 7 Converter
- 8 Timer
- 9 Stopwatch
- 10 Voice recorder
- 11 SIM application toolkit²

11 Alarms

12 Settings

- 1 Phone profiles
- 2 Time & date
- 3 Display & light settings
- 4 Phone settings
- 5 Call settings
- 6 Security
- 7 Application settings
- 8 Network settings
- 9 Memory settings
- 10 Operator settings¹
- 11 Master reset

1. Available only if supported by your service provider.

2. Available only if supported by your SIM card.

[‡] If the **Google** service is not available, **Bluetooth** will display in menu 9.

^{‡‡} If the **Google** service is not available, the order of submenus will change.

troubleshooting

If you are having trouble with your mobile phone, try these troubleshooting procedures before contacting a service professional.

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

Message	Try this to solve the problem:
Please insert SIM card to access network services	Ensure that the SIM card is installed correctly.
Phone lock	When the phone lock feature is enabled, you must enter the password you set for the phone.

Message	Try this to solve the problem:
PIN lock	When using the phone for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM card. You can disable this feature by using the PIN check menu.
PUK lock	Your SIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.

Your phone displays “No service” or “Network error.”

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

You enter a number, but the call is not dialed.

- Ensure that you have touched the Dial key: .
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number.

Another caller cannot reach you.

- Ensure that your phone is turned on.

- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number.

Another caller cannot hear you speaking.

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

The phone beeps and the battery icon flashes.

Your battery is low. Recharge or replace the battery to continue using the phone.

The audio quality of the call is poor.

- Ensure that you are not blocking the phone's internal antenna.

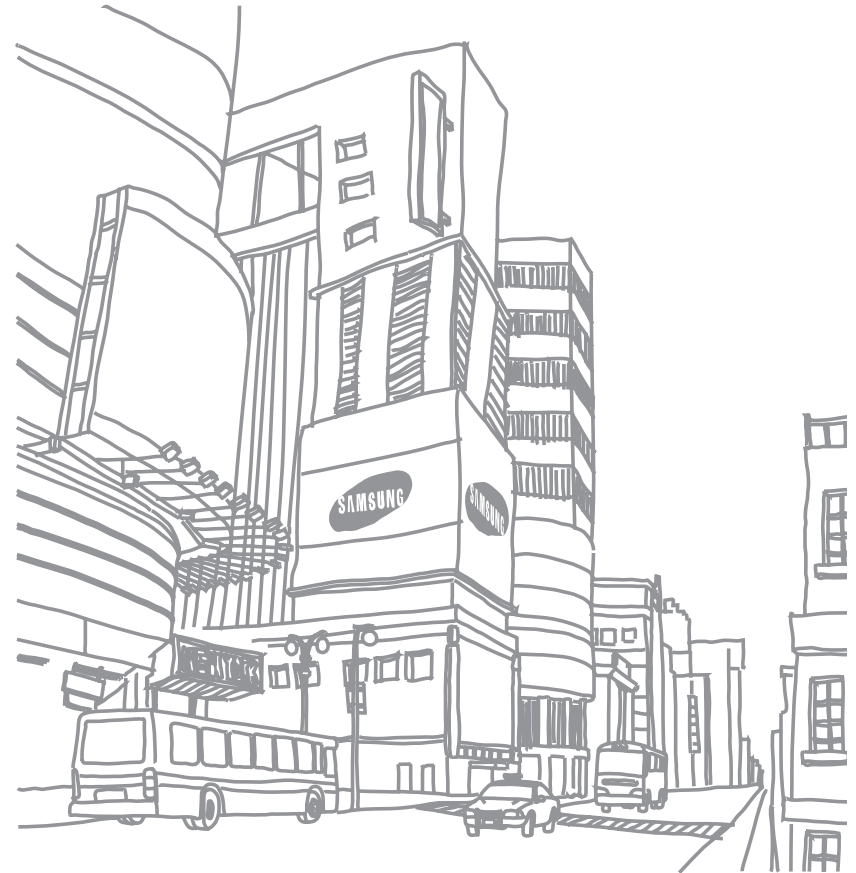
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

You select a contact to call, but the call is not dialled.

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.

The battery does not charge properly or sometimes the phone turns itself off.

- The battery terminals may be dirty. Wipe both gold-coloured contacts with a clean, soft cloth and try charging the battery again.
- If the battery will no longer charge completely, dispose of the old battery properly and replace it with a new battery.



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Declaration of Conformity (R&TTE)

We, **Samsung Electronics**

declare under our sole responsibility that the product

GSM Mobile Phone : SGH-F490

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

SAFETY	EN 60950-1 : 2001+A11:2004
EMC	EN 301 489-01 V1.5.1 (11-2004) EN 301 489-07 V1.2.1 (08-2002) EN 301 489-17 V1.2.1 (08-2002) EN 301 489-24 V1.2.1 (11-2002)
SAR	EN 50360 : 2001 EN 62209-1 : 2006
RADIO	EN 301 511 V9.0.2 (03-2003) EN 300 328 V1.6.1 (11-2004) EN 301 908-1 V2.2.1 (10-2003) EN 301 908-2 V2.2.1 (10-2003)

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

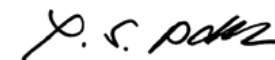
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The technical documentation kept at :

Samsung Electronics QA Lab.

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*
2007.12.17



Yong-Sang Park / S. Manager

(place and date of issue) (name and signature of authorised person)

* 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 manual may not match your phone exactly.
- * Depending on your country, your phone and accessories may appear different from the illustrations in this manual.

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