GT-C5110

Mobile Phone user manual

Some of the contents in this manual may differ from your phone depending on the software of the phone or your service provider.

Bluetooth ID : B0XXXXX

www.samsungmobile.com

Printed in Korea
Code No.:GH68-XXXXXA
English (EU). 12/2008. Rev. 1.0

SAMSUNG

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

WARNING

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 or phones in a fire. Follow all local regulations when disposing used batteries or phones.
- 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 keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.

CE 0168

FCC Notice and Cautions

• This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

• This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help.

Cautions

Changes or modifications made in the radio phone, not expressly approved by Samsung, will void the user's authority to operate the equipment.Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

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.

SAR information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from stry,overnment,industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR) The SARis a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network.

In general, the closer you are to a wireless base station antenna, the lower the **power output.Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and as required by the FCC. The highest SAR values** for this model phone as reported to the FCC are:

GSM1900 Head:0.444 W/Kg

Body:0.723 W/Kg. For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines whenused with a Samsung accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. This site uses the phone FCC ID number, A3LGTC5110 Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SARinformation can also be obtained at www.fcc.gov/cgb/sar.

Protect batteries and chargers from damage

- Avoid exposing batteries to very cold or very hot temperatures (below 0° C/32° F or above 45° C/ 113° 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.
- 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

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.

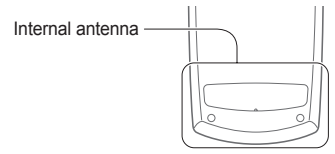
Avoid interference with other electronic devices

Your phone emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded

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.

Declaration of Conformity (R&TTE)

We, **Samsung Electronics**

declare under our sole responsibility that the product

GSM Mobile Phone : GT-C5110

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

SAFETY

EMC

SAR

RADIO

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):

The technical documentation kept at :

Samsung Electronics QA Lab.

which will be made available upon request.

(Representative in the EU)

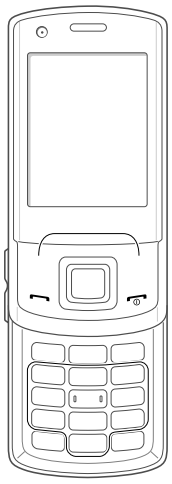
Samsung Electronics Euro QA Lab.
Blackbushe Business Park, Saxony Way,
Yateley, Hampshire, GU46 6GG, UK*

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.

Phone layout



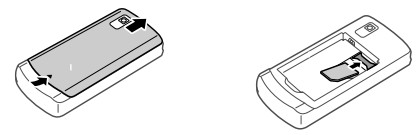
1. **Volume key**
   In Idle mode, adjust the key tone volume; Send an SOS message
   ▶ *Activate and send an SOS message*
2. **4-way navigation key**
   In Idle mode, access user-defined menus; In Menu mode, scroll through menu options
3. **Dial key**
   Make or answer a call; In Idle mode, retrieve recently dialled, missed, or received numbers
4. **Voice mail service key**
   In Idle mode, access voice mails (press and hold)
5. **Keypad lock key**
   In idle mode, lock the keys. (Press and hold)
6. **Softkeys**
   Perform actions indicated at the bottom of the display
7. **Power/Menu exit key**
   Turn the phone on and off (press and hold); End a call; In Menu mode, cancel input and return to Idle mode
8. **Confirm key**
   In Idle mode, access Menu mode; In Menu mode, select the focused menu option or confirm an input
9. **Alphanumeric keys**
10. **Silent profile key**
    In Idle mode, activate or deactivate the Silent profile (press and hold)

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

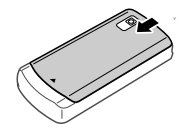
Icon	Description
	Signal strength
	GPRS network connected
	EDGE network connected
	Call in progress
	Call diverting active
	SOS message feature activated
	Alarm activated
	Connecting to secured web page
	Bluetooth activated
	New text message (SMS)
	New multimedia message (MMS)
	New voice mail message
	New e-mail message
	Memory card inserted
	Normal profile activated
	Battery power level

Install the SIM card and battery

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



2. Insert the battery and replace the battery cover.



Charge the battery

1. Plug the supplied travel adapter.

2. When charging is finished, unplug the travel adapter.

> Do not remove the battery from the phone before unplugging the travel adapter first. Otherwise, the phone may be damaged.

Instructional icons

	Note: notes, usage tips, or additional information
→	**Followed by**: the order of options or menus you must select to perform a step; for example: Press <**Menu**> → **Messages** (represents **Menu**, followed by **Messages**)
[ ]	**Square brackets**: phone keys; for example: [☎] (represents the Power/Menu exit key)
< >	**Angled brackets**: softkeys that control different functions at each screen; for example: <**OK**> (represents the **OK** softkey)

Turn your phone on or off

1. To turn your phone on, press and hold [☎].
2. To turn your phone off, press and hold [☎].

Access menus

To access your phone's menus,

1. In Idle mode, press the Confirm key to access Menu mode.
2. Use the navigation key to scroll to a menu or option.
3. Press <**Select**>, or the Confirm key to confirm the focused option.

Make a call

1. In Idle mode, enter an area code and a phone number.
2. Press [⌐] to dial the number.
3. To end the call, press [☎].

Answer a call

1. When a call comes in, press [⌐].
2. To end the call, press [☎].

Adjust the volume

To adjust the volume of the ringtone

1. In Menu mode, select **Settings** → **Phone profiles**.
2. Scroll to the phone profile you are using.
3. Press <**Options**> → **Edit**.
4. Select **Incoming call** → **Ringtone volume**.
5. Scroll left or right to adjust the volume level.
6. Press <**OK**>.
7. Press <**Options**> → **Save**.

To adjust the volume of voice during a call

While a call is in progress, press the volume key up or down to adjust the earpiece volume.

Change your ringtone

1. In Menu mode, select **Settings** → **Phone profiles**.
2. Scroll to the phone profile you are using.
3. Press <**Options**> → **Edit**.
4. Select **Incoming call** → **Voice call ringtone**.
5. Select a ringtone category → a ringtone.
6. Press <**Options**> → **Save**.

Call a recently dialled number

1. In Idle mode, press [⌐].
2. Scroll left or right to select a call type.
3. Scroll up or down to select a number or name.
4. Press the Confirm key to view details of the call or [⌐] to dial the number.

Enter text

To change the text input mode

- Press and hold [✱] to switch to an input mode. Depending on your region, you may be able to access an input mode for your specific language.
- Press [✱] to change case or switch to Number mode.
- Press and hold [#] to switch to Symbol mode.

T9 mode

1. Press the appropriate alphanumeric keys to enter an entire word.
2. When the word displays correctly, press [#] to insert a space.

ABC mode

Press the appropriate alphanumeric key until the character you want appears on the display.

Number mode

Press the appropriate alphanumeric key to enter a number.

Symbol mode

Press the appropriate alphanumeric key to select a symbol.

> - To move the cursor, press the navigation key.
> - To delete characters one by one, press <**Clear**>. To delete all of the characters, press and hold <**Clear**>.
> - To insert a space between characters, press [#].
> - To enter punctuation marks, press [1].

Add a new contact

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

Send and view messages

To send a text message

1. In Menu mode, select **Messages** → **Create message** → **Message**.
2. Enter a destination number.
3. Scroll down and enter the message text.
4. Press <**Options**> → **Send** to send the message.

To view text messages

1. In Menu mode, select **Messages** → **Inbox**.
2. Select a text message.

Use the camera

Capture photos

1. In Menu mode, select **Camera**.
2. Aim the lens at the subject and make any adjustments.
3. Press the Confirm key to take a photo.
4. Press <📷> to take another photo (step 2).

View photos

In Menu mode, select **My files** → **Images** → **My photos** → a photo file.

Activate the mobile tracker

This feature helps track your phone when it is stolen or when someone tries to use your phone using other SIM card, the phone will automatically send the preset tracking message to family or friends. This feature may be unavailable due to certain features supported by your service provider.

1. In Menu mode, select **Settings** → **Security** → **Mobile tracker**.
2. Enter your password and press <**Confirm**>.
3. Scroll left or right to **On**.
4. Scroll down and press the Confirm key to open the recipient list.
5. Press <**Options**> → **Phonebook** to open your contact list.
6. Scroll to a contact and press the Confirm key .
7. When you are finished selecting contacts, press <**Select**> to return to the recipient list.
8. Press the Confirm key to save the recipients.
9. Scroll down and enter the sender's name.
10. Press the Confirm key → <**Accept**>.

Activate and send an SOS message

In an emergency, you can send SOS messages to your family or friends for help.

To activate the SOS message

1. In Menu mode, select **Messages** → **SOS messages** → **Sending options**.
2. Scroll left or right to **On**.
3. Scroll down and press the Confirm key to open the recipient list.
4. Press <**Options**> → **Phonebook** to open your contact list.
5. Scroll to a contact and press the Confirm key.
6. When you are finished selecting contacts, press <**Done**> to return to the recipient list.
7. Press <**Options**> → **OK** to save the recipients
8. Scroll down and set the number of times to repeat the SOS message.
9. Press <**Save**>.

To send an SOS message

1. With the keys locked, press the volume key four times to send an SOS message to preset numbers. The phone switches to SOS mode and sends the preset SOS message.
2. To exit SOS mode, press [☎].

Set and use alarms

To set a new alarm

1. In Menu mode, select **Alarms**.
2. Scroll to an empty alarm location and press the Confirm key.
3. Set alarm details.
4. Press <**Options**> → **Save**.

To stop an alarm

When the alarm sounds,

- Press any key to stop an alarm without snooze.
- Press <**OK**> or the Confirm key to stop an alarm with snooze, or press <**Snooze**> or any key to silence the alarm for the snooze period.

To deactivate an alarm

1. In Menu mode, select **Alarms**.
2. Scroll to the alarm you want to deactivate and press the Confirm key.
3. Scroll left or right to **Off**.
4. Press <**Options**> → **Save**.