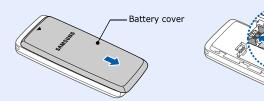
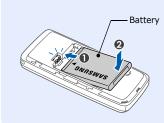


Installing the SIM card and battery

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

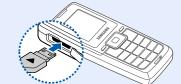


2.Install the battery and reattach the cover.





1. Plug the supplied travel adapter into the phone and a power outlet.



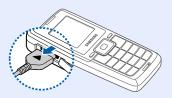
Charging the battery





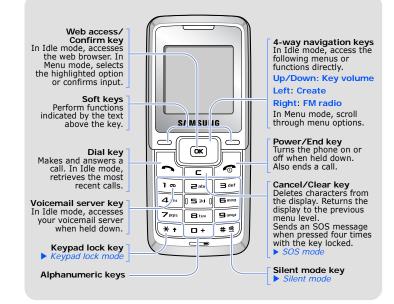
With the triangle facing the front of your phone

2. When charging is finished, unplug the adapter.



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





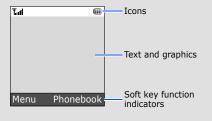
Press and hold # in Idle mode to disable all sounds on the phone. To exit, press and hold this key again.

Press and hold \divideontimes in Idle mode and then press the Yes soft key to lock the keypad and ignore accidental key pressing. To unlock, press the left soft key and then \divideontimes .

Press C four times in Idle mode with the key locked to send an SOS message to preset numbers. Once the SOS message is sent, the phone will change to SOS mode and will receive calls only from the registered recipients. Upon receiving a call from the SOS message recipients, the phone will automatically answer the call. Press & to exit SOS mode.



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



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

Ico	n	Des	scri	ption
	-			

T.adl Signal strength

X

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

G \mathbf{a}

Alarm set

Ringer type

GPRS network

: Vibration then melody

益 ø.

 \simeq New text message 豐

New voicemail message Battery power level

Switching on or off the phone

- 1. Press and hold for more than one second to switch on the phone.
- 2. If the time & date message appears, press the ${\mbox{Yes}}$ soft key and set the time and date by following the onscreen instructions.
- 3. To switch off the phone, press and hold for more than two



- 1. In Idle mode, press the Menu soft key.
- 2. Select Phone settings → Language → Text language.
- 3. Select a language.



Making a call

- 1. In Idle mode, enter an area code and phone number, and press
- 2. When you want to end the call, press



Answering a call

1. When the phone rings, press the **Accept** soft key or lacktriangle to answer a

4.3 Power on/off

4.5 Keypad tone

4.6 Minute minder 4.7 Silent mode

4.8 Alerts on call

5. Messages

5.4 Voice mail

5.5 Broadcast

5.6 Settings

6. Fun box

5.7 SOS messages

5.8 Memory status

5.1 Short messages 5.2 Push messages

5.3 Preset messages

4.4 Connection tone

Press the **Reject** soft key or **to** reject the call.

2. Press 🕝 to end the call.

Adjusting the volume

- 1. In Idle mode, press the Menu soft key.
- 2. Select Sound settings → Incoming calls → Ring volume.
- 3. Press the Navigation keys to adjust the volume level.
- 4. Press the Save soft key.

While a call is in progress, press **Up** or **Down** to adjust the earpiece volume. Press and hold **Up** or **Down** to mute the ringtone.

Changing a ringtone for calls

- 1. In Idle mode, press the Menu soft key.
- 2. Select Sound settings → Incoming calls → Default ringtones or My sounds.
- 3. Select a ringtone and press the Yes soft key.



Redialing recent numbers

- 1. In Idle mode, press .
- 2. Press Up or Down to scroll to the number you want.

- 1.2 Received calls
- 1.4 Delete all
- 1.6 Call costs³

2. Network services

- 2.1 Call diverting
- 2.2 Call barring
- 2.5 Caller ID

3. Applications

- 3.1 FM radio
- 3.2 SIM-AT*
- 3.3 Calculator

4. Sound settings

- 7.1 Clock
- - * Shows only if supported by your SIM card.

8. Phonebook

8.4 Speed-dial list

9. Phone settings

9.2 Greeting message

8.5 Own number

8.6 Management

8.1 Find name

8.2 FDN list

8.7 SDN*

9.1 Display

9.3 Language

9.5 Auto redial

9.6 Voice clarity

9.7 Anykey answer

9.9 Reset settings

9.8 Auto keypad lock

9.4 Security

8.3 Add entry

- 3. Press to dial the number.

Entering text

Changing the text input mode

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

T9 mode

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

The word you are entering appears on the display. It may change with each keypress. Finish entering the word before editing or deleting any keystrokes.

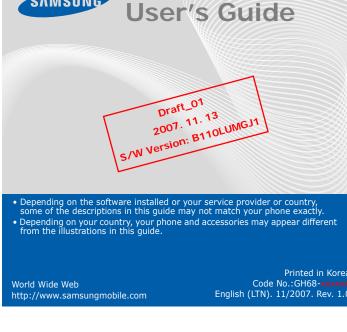
Example: To enter "Hello" in T9 mode, press 4, 3, 5, 5, and 6.

2. Press # to insert a space and enter the next word.

ABC mode

Press the keys labeled with the letter you want once for the first letter, twice for the second letter, and so on.

For example, press 2 three times to enter "C" and 5 two times to enter



 \mathcal{C} Call in progress

SOS message feature active

Ж Silent mode

• None: Melody

唱 : Vibration

Home Zone, if registered for the appropriate service

Call diverting feature active

 $\overline{(iii)}$

Using the menus

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

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



Use the 4-way navigation keys to scroll up, down, left, or right through the menu system, highlight menu items, and change feature settings.

To select or modify a menu or feature:

- 1. In Idle mode, press the Menu soft key.
- 2. Press the Navigation keys to reach a desired menu and then press the **Select** soft key or **OK**.
- 3. If the menu contains any submenus, locate the one you want by pressing the Navigation keys. Press the **Select** soft key or **OK** to enter the submenu
- If the selected menu contains additional submenus, repeat this step.
- 4. Press the Navigation keys to find the setting of your choice. 5. Press the **Select** soft key or ok to confirm your chosen setting.

Shortcut numbers

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

Menu map

1. Call records

- 1.1 Missed calls
- 1.3 Dialled calls
- 1.5 Call time
- 2.3 Call waiting Network selection
- 4.1 Incoming calls 4.2 Messages
- 6.1 WWW services 6.2 Media box 7. Organizer
- 7.2 Alarm 7.3 Converter

Number mode

Press the keys corresponding to the digits you want.

Symbol mode

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

Tips for entering text

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

Sending an SMS message

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

Menu	Description		Menu	Description
Menu > Sound settings > Silent mode	Set how the phone acts to alert you to a specific event while in Silent mode.		Menu > Messages > Preset messages	Preset templates of messages.
Menu > Sound settings > Alerts on call	Set the phone to alert you when you receive a new message or when the time for an		Menu > Messages > Voice mail	Access your voice messages on the
Menu > Messages	alarm comes during a call. Create and send messages to other mobile		Menu > Messages > Broadcast	Change settings for broadcast message
> Short messages phones. > Create			Menu > Messages > Settings	Set options for us
Menu > Messages > Short messages > Inbox or Outbox	Read received or sent messages.		Menu > Messages > SOS messages	Activate the SOS recipients and sele
Menu > Messages > Short messages	Preset templates of frequently used emoticons.		Menu > Messages > Memory status	Check memory inf
> Emoticon templates			Menu > Fun box	Launch and config
Menu > Messages	Delete messages in each message folder, or		> WWW services	
> Short messages > Delete all	all messages at once.		Menu > Fun box > Media box	Access sounds or ima memory. s or
Menu > Messages > Push messages			> Downloaded images or Sounds	

Menu	Description
Menu > Phone settings > Security > Mobile tracker	Track your phone when it is stolen or lost. When someone tries to use your phone with other SIM card, the phone will automatically send the preset tracking message to your family or friends.
Menu > Phone settings > Auto redial	Set the phone to make up to ten attempts to redial a phone number after an unsuccessful call.
Menu > Phone settings > Anykey answer	Answer an incoming call by pressing any key, except for the Reject soft key and $\ \ \ \ \ \ \ \ \ \ \ \ \ $
Menu > Phone settings > Auto keypad lock	Set the phone to automatically lock the keypad in times of inactivity.
Menu > Phone settings > Reset settings	Reset the phone to the factory default settings.

	Menu	Description
	Menu > Messages > Preset messages	Preset templates of frequently used messages.
	Menu > Messages > Voice mail	Access your voicemail server and listen to messages on the network.
	Menu > Messages > Broadcast	Change settings for the service and access broadcast messages.
	Menu > Messages > Settings	Set options for using messaging services.
	Menu > Messages > SOS messages	Activate the SOS message feature. Enter recipients and select the repeat mode.
	Menu > Messages > Memory status	Check memory information for messages.
	Menu > Fun box > WWW services	Launch and configure the web browser.
	Menu > Fun box > Media box > Downloaded images or	Access sounds or images in your phone's memory.

Important safety precautions

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

Drive safely at all times

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

Switching off when refueling

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

Switching off in an aircraft

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

Switching off near all medical equipment

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

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

Special regulations

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



This section provides brief explanations of features on your phone.

,			
Menu	Description		
Menu > Call records > Missed calls, Received calls, or Dialled calls	View the most recent calls you have dialed, received, or missed.		
Menu > Call records > Delete all	Delete the call logs in each call type, or all logs at once.		
Menu > Call records > Call time	View the duration of recent calls you have dialed and received. Also reset the time counter.		
Menu > Call records > Call costs	View the cost of your calls.		
Menu > Network services	Access network services offered by your service provider.		
Menu > Application > FM radio	Listen to music or news via the FM radio on your phone. First, you must connect your phone with the headset, which serves as a radio antenna.		

Menu	Description
Menu > Fun box > Media box > Delete all	Delete sounds and images in each media box.
Menu > Fun box > Media box > Memory status	Check the amount of memory in use for sounds and images.
Menu > Organizer > Clock	Set the current time and date manually and set your local time zone.
Menu > Organizer > Alarm	Set an alarm to sound at a specific time.
Menu > Organizer > Converter	Do conversions such as length and temperature.
Menu > Phonebook > Find name	Search for contacts in Phonebook.
Menu > Phonebook > FDN list	Create a list of contacts to be used in FDN (Fixed Dialing Number) mode, in which the phone allows outgoing calls only to the specified phone numbers.
Menu > Phonebook	Add a new contact to Phonebook.

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

Sensible use

> Add entry

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

Key in the emergency number for your present location, then press \square . Do not end the call until given permission to do so.

Small children and your phone

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

Accessories and batteries

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



Risk of explosion if a battery is replaced by an incorrect type. Dispose used batteries according to the instructions.



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

Qualified service

Only qualified service personnel may repair your phone.

Description Menu > Phonebook Assign speed dial numbers (2 to 9) for eight > Speed-dial list of your most frequently dialed numbers. Menu > Phonebook Check your phone numbers or assign a name > Own number to them. Menu > Phonebook Copy all contacts on the SIM card to the phone's memory or delete all Phonebook > Management contacts. You can also check memory information for Phonebook contacts. Menu > Phonebook Access the list of service numbers assigned by your service provider. Menu > Phone settings Change settings for the display and > Display backlight. Menu > Phone settings Enter the greeting message to be displayed > Greeting message when the phone is switched on. Select a language to be used for the display Menu > Phone settings text or text input mode. > Language

Description

on or off

your call

by your service provider.

Use a variety of additional services offered

Perform basic arithmetic functions.

volume level, or an alert type.

informed of a new message.

connected to the system.

vou press a key

Select a ringtone for incoming calls, a

Select the alert ringtone and alert type for incoming messages or set how often you are

Set the phone to sound when it is switched

Select a tone which the phone sounds when

Set the phone to beep every minute during a call to keep you informed of the length of

Protect the phone against unauthorised use.

Set the phone to beep when a call is

Menu > Applications

Menu > Applications

Menu > Sound settings

> SIM-AT

> Calculator

> Messages

> Power on/off

> Keypad tone

> Minute minder

> Connection tone

> Incoming calls

SAR information

Menu > Phone settings

> Security

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

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

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6 W/kg[^].

* In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/ kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any

No number is dialled when you re-call a Phonebook entry

- Use the Search for contacts menu to ensure the number has been stored correctly.
- · Re-store the number, if necessary.

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

 Wipe the charging contacts both on the phone and on the battery with a clean soft cloth.

If the above guidelines do not help you to solve the problem, take note of:

- The model and serial numbers of your phone
- · Your warranty details
- A clear description of the problem

Then contact your local dealer or Samsung after-sales service.

Health and safety information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

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

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR), The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed 100 the exposure limit established by the FCC.

Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

The highest SAR values for this model phone as reported to the GSM850 Mode Head: 0.458 W/Kg, Body-worn: 0.737 W/Kg.

GSM1900 Mode Head: 1.07 W/Kg,

Body-worn: 0.686 W/Ka.

For body worn operations, this model phone has been testde and meets the FCC exposure guidelines when used with a Samsung accessory designated for this product or when used with an accessroy that contains no metal and that positons the handset a minimum 1.5 cm from the body.

Non-compliance with the above restrictions may result in violation of FCC RF exposure quidelines.

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 A3LSGHB110L. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/ sar.

FCC Notice and Cautions

FCC Notice

• This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and,f not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no quarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the

interference by one or more of the following measures:

-Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help.

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Battery march Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Changes or modifications made in the radio phone, not expressly approved by Samsung, will void the user's authority to operate the equipment.

Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in