

SAMSUNG

SGH-B110L

User's Guide

Draft_01

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SIW Version: B110LUMGJ1

• Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.

• Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

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World Wide Web

http://www.samsungmobile.com

Installing the SIM card and battery

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

2.Install the battery and reattach the cover.

Charging the battery

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

2.When charging is finished, unplug the adapter.

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

Phone layout and key functions

Silent mode

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

Keypad lock mode

Press and hold ***** 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 *****.

SOS mode

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 **End** to exit SOS mode.

Display

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

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

Icon	Description
	Signal strength
	Call in progress
	Out of your service area; you cannot make or receive calls except for emergency calls
	SOS message feature active
	GPRS network
	Alarm set
	Silent mode
	Ringer type - None: Melody : Vibration : Vibration then melody
	Home Zone, if registered for the appropriate service
	Call diverting feature active
	New text message
	New voicemail message
	Battery power level

Using the menus

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

To select or modify a menu or feature:

- In Idle mode, press the **Menu** soft key.
- Press the Navigation keys to reach a desired menu and then press the **Select** soft key or **OK**.
- 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.
- Press the Navigation keys to find the setting of your choice.
- 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.

Switching on or off the phone

- Press and hold **Power** for more than one second to switch on the phone.
- If the time & date message appears, press the **Yes** soft key and set the time and date by following the onscreen instructions.
- To switch off the phone, press and hold **Power** for more than two seconds.

Changing the display language

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

Making a call

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

Answering a call

- When the phone rings, press the **Accept** soft key or **Call** to answer a call.
Press the **Reject** soft key or **End** to reject the call.
- Press **End** to end the call.

Menu map

1. Call records 1.1 Missed calls 1.2 Received calls 1.3 Dialed calls 1.4 Delete all 1.5 Call time 1.6 Call costs*	4.3 Power on/off 4.4 Connection tone 4.5 Keypad tone 4.6 Minute minder 4.7 Silent mode 4.8 Alerts on call	8. Phonebook 8.1 Find name 8.2 FDN list 8.3 Add entry 8.4 Speed-dial list 8.5 Own number 8.6 Management 8.7 SDN*
2. Network services 2.1 Call diverting 2.2 Call barring 2.3 Call waiting 2.4 Network selection 2.5 Caller ID 2.6 Active line*	5. Messages 5.1 Short messages 5.2 Push messages 5.3 Preset messages 5.4 Voice mail 5.5 Broadcast 5.6 Settings 5.7 SOS messages 5.8 Memory status	9. Phone settings 9.1 Display 9.2 Greeting message 9.3 Language 9.4 Security 9.5 Auto redial 9.6 Voice clarity 9.7 Anykey answer 9.8 Auto keypad lock 9.9 Reset settings
3. Applications 3.1 FM radio 3.2 SIM-AT* 3.3 Calculator	6. Fun box 6.1 WWW services 6.2 Media box	
4. Sound settings 4.1 Incoming calls 4.2 Messages	7. Organizer 7.1 Clock 7.2 Alarm 7.3 Converter	* Shows only if supported by your SIM card.

Adjusting the volume

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

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

Redialing recent numbers

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

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

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**.

- 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 "K".

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**.

Menu	Description
Menu > Sound settings > Silent mode	Set how the phone acts to alert you to a specific event while in Silent mode.
Menu > Sound settings > Alerts on call	Set the phone to alert you when you receive a new message or when the time for an alarm comes during a call.
Menu > Messages > Short messages > Create	Create and send messages to other mobile phones.
Menu > Messages > Short messages > Inbox or Outbox	Read received or sent messages.
Menu > Messages > Short messages > Emoticon templates	Preset templates of frequently used emoticons.
Menu > Messages > Short messages > Delete all	Delete messages in each message folder, or all messages at once.
Menu > Messages > Push messages	Change the settings for the service, and access or delete push messages.

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.

 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 > 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 Sounds	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.

Interference

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

Special regulations

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

 Quick feature reference

This section provides brief explanations of features on your phone.

Menu	Description
Menu > Call records > Missed calls, Received calls, or Dialed 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 entry	Add a new contact to Phonebook.

Water resistance

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

Sensible use

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

Emergency calls

Key in the emergency number for your present location, then press . 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.

CAUTION	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.

Menu	Description
Menu > Applications > SIM-AT	Use a variety of additional services offered by your service provider.
Menu > Applications > Calculator	Perform basic arithmetic functions.
Menu > Sound settings > Incoming calls	Select a ringtone for incoming calls, a volume level, or an alert type.
Menu > Sound settings > Messages	Select the alert ringtone and alert type for incoming messages or set how often you are informed of a new message.
Menu > Sound settings > Power on/off	Set the phone to sound when it is switched on or off.
Menu > Sound settings > Connection tone	Set the phone to beep when a call is connected to the system.
Menu > Sound settings > Keypad tone	Select a tone which the phone sounds when you press a key.
Menu > Sound settings > Minute minder	Set the phone to beep every minute during a call to keep you informed of the length of your call.

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

 SAR information

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

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 Council 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 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/Kg.

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

hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

- ☑ • This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

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

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

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

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

Cautions

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

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

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

Other Important Safety Information

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