



GT-B5310R user manual



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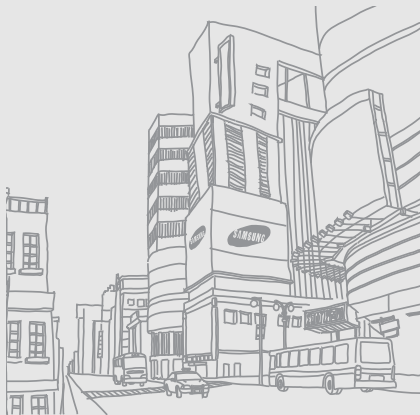
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using this manual

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

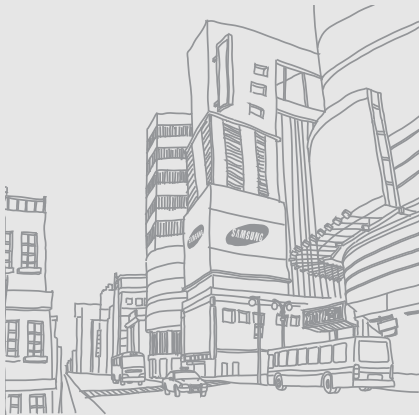


Note—notes, usage tips, or additional information



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: In Menu mode, select **Messages** → **Create New Message** (represents **Messages**, followed by **Create New Message**)
- [] **Square brackets**—phone keys; for example: [] (represents the Power/Menu exit key)



introducing your mobile phone

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

Unpack

Check your product box for the following items:

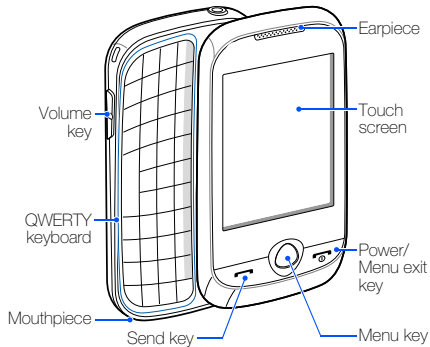
- Mobile phone
- Battery
- Travel adapter (charger)
- User manual



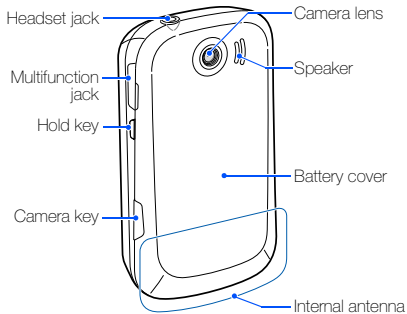
- The items supplied with your phone may vary depending on the software and accessories available in your region or offered by your service provider. You can obtain additional accessories from your local Samsung dealer.
- The supplied accessories perform best for your phone.

Phone layout

The front and inside of your phone include 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, press [🔒]. To unlock, press and hold [🔒].

Keys






Key	Function
 Dial	Make or answer a call; In Idle mode, retrieve recently dialed, missed, or received numbers
 Menu	In Idle mode, access Menu mode; Return to Menu mode; Shows all active applications (press and hold)
 Power/ Menu exit	Turn the phone on and off (press and hold); End a call; In Menu mode, return to Idle mode
 Volume	Adjust the phone's volume
 Hold	Lock the touch screen and keys; Unlock the touch screen and keys (press and hold)







Key	Function
 Camera	In Idle mode, press and hold to turn on the camera; In Camera mode, take a photo or record a video

QWERTY keyboard












The composition of the QWERTY keyboard may differ depending on your region.












Key	Function
 Alphabet/ Symbol	Enter letters, numbers, and special characters; In Idle mode, press and hold [1] to access voice mails and [0] to enter an international call prefix
 Shift	Change case in a text input field
 Alt	Use characters on the upper half of the keys in a text input field
 Symbol	Enter special characters and emoticons
 Message	In Idle mode, open the new message screen; Access the Inbox (press and hold)







Key	Function
 Web browser	In Idle mode, launch the web browser
 Space	In Idle mode, press and hold for the silent profile; Insert a space in a text input field
 4-way navigation	In Menu mode, scroll through menu options
 Confirm	In Idle mode, access Menu mode; In Menu mode, confirm an input
 Back/ Delete	In Menu mode, return to the previous level; Delete characters in a text input field
 Enter	Start a new line in a text input field

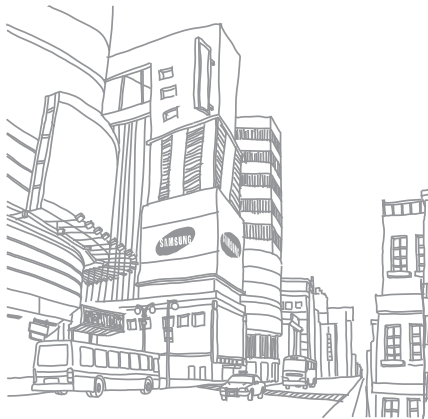
Icons

Learn about the icons that appear on your display.

Icon	Definition
	Signal strength
	GPRS network connected
	EDGE network connected
	UMTS network connected
	HSDPA network connected
	Voice call in progress
	SOS message feature activated
	Browsing the web
	Connected to secured web page

Icon	Definition
	Roaming (outside of normal service area)
	Call diverting activated
	Connected with PC
	Wi-Fi activated
	Bluetooth hands-free car kit or headset connected
	Bluetooth activated
	Alarm activated
	Memory card inserted
	New text message (SMS)
	New multimedia message (MMS)
	New email message

Icon	Definition
	New sync email
	New voice mail message
	Normal profile activated
	Silent profile activated
	Battery power level
	Current time



assembling and preparing your mobile phone

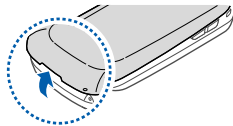
Get started by assembling and setting up
your mobile phone for its first use.

Install the SIM card and battery

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

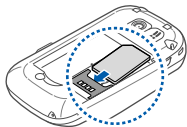
To install the SIM card and battery,

1. Remove the battery cover.



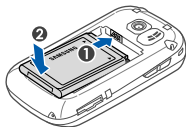
If the phone is on, press and hold [] to turn it off.

2. Insert the SIM card.

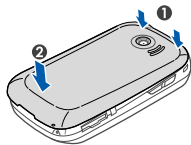


- Place the SIM card in the phone with the gold-coloured contacts facing down and the angled corner at the back edge.
- Without inserting a SIM card, you can use your phone's non-network services and some menus. You can also place an emergency (SOS) call to phone number 911.

3. Insert the battery.



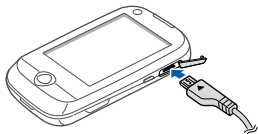
4. Replace the battery cover.



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 multifunction jack.



With the triangle facing up



Improperly connecting the travel 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 travel 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)

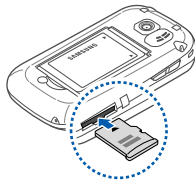
To add additional storage capacity to your phone, you must insert a memory card. Your phone accepts microSD™ or microSDHC™ memory cards up to

16 GB (depending on memory card manufacturer and type).



Formatting the memory card on a PC may cause incompatibility with your phone. Format the memory card only on the phone.

1. Remove the battery cover.
2. Insert a memory card with the label side facing up.



3. Push the memory card in the memory card slot until it locks in place.
4. Replace the battery cover.

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

Attach a hand strap (optional)

1. Remove the battery cover.
2. Slide a hand strap through the slot and hook it over the small projection.



3. Replace the battery cover.

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. Press and hold [].
2. Enter your PIN and select **Confirm** (if necessary).

To turn your phone off, press and hold [].

Switch to Airplane Mode

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

To switch to airplane mode, in Menu mode, select **Settings** → **Phone** → **Airplane Mode**.



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

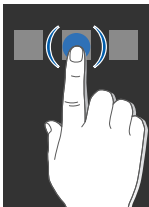
Use the touch screen

Your phone's touch screen lets you easily select items or perform functions. Learn basic actions to use the touch screen.

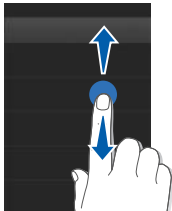


For the optimal use of the touch screen, remove the screen protection film before using your phone.

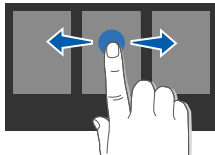
- Touch an icon to open a menu or launch an application.



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





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



Access menus

To access your phone's menus,


1. In Idle mode, select **Menu** or press the Menu key to access Menu mode.
2. Scroll left or right to switch between the three Menu mode screens (indicated by the three bars at the top of the menu).
3. Select a menu item or option.
4. Select  to move up one level; press [] to return to Idle mode.

Customize Menu mode

You can organize applications in the Menu mode screen or set titles for each screen to match your preferences and needs.



This feature may be unavailable depending on the phone software.

1. In Menu mode, scroll left or right to a Menu mode screen.
2. Select  to switch to Edit mode.
3. Customize the screens as desired.
 - To rename the menu screen, enter a title in the text input field at the top of the screen.
 - To rearrange applications, select and drag application icons to the locations you want.
4. Select **Save**.



Select **Reset** to restore the default order of applications.

Switch applications

Your phone allows you to multi-task by running multiple applications at the same time.


Switch from one active application to another

1. Press and hold the Menu key to open a list of active applications.
2. Scroll to an application and select it.
To toggle the view mode, select **Grid view** or **3D view**.

Close applications

To close the current application, press [].

To close an application that is running in the background,

1. Press and hold the Menu key to open a list of applications.
2. Scroll to an application and select .
To close all applications, select **End all applications**.

Use widgets

Widgets are mini-applications that provide information at a glance and direct access to frequently used tools, such as various online services.



- Some of your widgets connect to web services. Selecting a web-based widget may incur additional charges.
- Available widgets vary depending on your region and service provider.

Open the widget toolbar

In Idle mode, select the arrow at the bottom left of the screen to open the widget toolbar. You can rearrange widgets on the widget toolbar or move them to the idle screen.

Scroll through the widget toolbar

The widget toolbar contains more widgets than can be displayed on screen at one time.

- Use your finger to scroll the toolbar up and down.
- Flick the screen in an upward or downward motion to quickly scroll through the list.

Move widgets to the idle screen

1. In Idle mode, scroll left or right to one of the idle screens.
2. Open the widget toolbar.
3. Drag a widget from the widget toolbar to the idle screen. You can position the widget anywhere on the screen.



To move a widget from the idle screen back to the widget toolbar, select the widget and drag it to the widget toolbar.

Activate a widget

Locate the widget you want to use (in the toolbar or on the main screen). Touch the icon to activate the mini-application.





Some widgets only operate when moved to the idle screen.

Change the widgets

1. Open the widget toolbar.
2. Select  from the widget toolbar.
3. Select the widgets you want to include in the widget toolbar and select **Save**.

Access help information

To access helpful information about your phone,

1. Open the widget toolbar.
2. Drag  to the idle screen and select it.
3. Rotate the phone counter-clockwise to landscape view.
4. Select a help topic to learn about an application or feature.
5. Scroll left or right to get more information. To return to the previous level, select .


Quick access mode

Quick access mode lets you choose an application to open by sliding open the phone.

In Menu mode, select **Settings** → **Phone** → **Quick Access**.

1. Select one of the following options.

Menu	Description
Off	Application does not open when you slide the phone open
Msg/Social	Access one of the messaging or social menus
Create New Message	Create a new text or multimedia message
Facebook	View photos and videos on the web via websites
MySpace	View photos and videos on the web via websites

2. Select **Save**.
3. Press [] to return to Idle mode.
4. Slide open the phone and rotate the phone counter-clockwise to landscape view.
If you selected **Msg/Social**, select the Message tab or select the Social tab then select a social media Web site.

Customize your phone

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

Adjust the vibration intensity on the touch screen

You can adjust the intensity of the vibration when you touch the phone screen.

1. In Idle mode, press the Volume key up or down.

2. Select **Vibration** and adjust the intensity of the vibration.

Switch to or from the silent profile

In Idle mode, select **Keypad** and touch and hold **#** to silence your phone or return to the previous mode.

Calibrate the screen

You can calibrate the screen to maximize touch accuracy.

1. In Menu mode, select **Settings** → **Phone** → **Calibration**.
2. Touch each target on the screen.
3. Select **Yes**.

Change your ringtone

1. In Menu mode, select **Settings** → **Sound Profiles**.

2. Select  next to the profile you are using.



If you are using the silent profile, you are not allowed to change the ringtone.

3. Select **Call Ringtone**.
4. To listen to a ringtone, select it from the list. To select a ringtone, select **+** next to the name.
5. Select **Save**.

Activate Etiquette pause

You can temporarily mute the ringtone of an incoming call by placing the phone face down when **Etiquette Pause** is activated.

1. In Menu mode, select **Settings** → **Motion** → **Etiquette Pause** → **On**.
2. Select **Save**.

Select a wallpaper

1. In Idle mode, scroll left or right to one of the idle screens.
2. Select **Menu** → **Settings** → **Display and Light** → **Wallpaper**.
3. Scroll left or right to an image.
4. Select **Set**.

Select a text font

1. In Menu mode, select **Settings** → **Display and Light** → **Font Type**.
2. Select a font.
3. Select **Save**.

Set the auto-lock feature for touch screen

You can set your phone to automatically lock the touch screen and keys when the backlight turns off. You can also set whether the backlight reactivates when you press the Lock key or any key.

1. In Menu mode, select **Settings** → **Touch Panel**.
2. Select **On** under **Auto-Lock**.
3. Select the **Backlight On** drop-down menu and select an unlock option.
4. Select **Save**.

Lock your phone

1. In Menu mode, select **Settings** → **Security**.
2. Select **On** under **Lock Phone**.
3. Enter a new 4 to 8-digit password and select **Confirm**.


4. Enter the new password again and select **Confirm**.



- The first time you access a menu that requires a password, you will be prompted to create and confirm a password.
- Samsung is not responsible for any loss of private information or other damages caused by loss of passwords.

Unlock the touch screen with smart unlock

By drawing a specified character on the locked touch screen, you can unlock the screen only, unlock and then make a call to a speed dial number, or unlock and then launch an application. To set a smart unlock character,

1. In Menu mode, select **Settings** → **Smart Unlock**.
2. Select **On**.
3. Select an unlock option.
4. Select a speed dial number to dial or select an application to launch (if necessary).
5. Select a character for the smart unlock feature.
6. Select  (if necessary).
7. Select **Save**.

Use basic call functions

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



During a call, your phone automatically locks the touch screen to prevent accidental inputs. To unlock, press and hold [🔒].

Make a call

1. In Idle mode, select **Keypad** and 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 is received, press [📞].
2. To end the call, press [📞].

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, select **Speaker** → **Yes** to activate the speaker.
2. To switch back to the earpiece, select **Speaker**.



In noisy environments, you may have difficulty hearing calls while using the speakerphone. For better audio performance, use the normal phone mode.

Use the headset

By plugging the supplied headset into the headset jack, you can make and answer calls:

- To redial the last call, press and hold the headset button, and then press again and hold.
- To answer a call, press the headset button.
- To end a call, press 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 Menu mode, select **Messages** → **Create New Message**.
2. Select **Tap to add recipient** and enter a recipient number.
3. Select **Tap to Add Text** and enter your message text. ► p. 26
4. To attach multimedia, Select **Add Media** and add an item.
5. Select **Send** to send the message.

Send an email

1. In Menu mode, select **Messages** → **MobileMail**.
2. Select an email service and follow the onscreen instructions to create and send email.

Enter text


With your phone's touch screen or the QWERTY keyboard, you can enter text and create messages or notes.

Enter text on the virtual keypad

When you open the text input field, the virtual keypad appears.

- Select **T9** to switch between T9 and ABC modes. Depending on your region, you may be able to access an input mode for your specific language.

Select **Abc** or **T9Ab** to change case or switch to Numeric or Symbols mode.



When entering text on the virtual keypad, you can change the text input method. Select the input method indicator ( by default) and select one of the following input methods for entering text:

- **Keypad**
- **Writing box 1**
- **Writing box 2**

Enter text using the keypad

1. Change the text input method to **Keypad**.
2. Select the appropriate virtual key to enter text.
 - To change the text input mode or enter numbers or symbols, select the input mode indicator (**Abc** by default).
- Select **Abc** or **T9Ab** to change case or switch to Numeric or Symbols mode.

You can use the following text input modes:

Mode	Function
ABC	Select an appropriate virtual key until the character you want appears on the display.
T9	<ol style="list-style-type: none">1. Select appropriate virtual keys to enter an entire word.2. When the word displays correctly, select  to insert a space. If the correct word does not display, select  to select an alternate word.
Numeric	Select an appropriate virtual key to enter a number.
Symbol	Select an appropriate virtual key to enter a symbol.

Enter text using writing box 1

1. Change the text input method to **Writing box 1**.
2. Write each character in the writing area.
Write numbers and symbols in the **1** box at the bottom right of the writing area.
To change case, select the input mode indicator (**Abc** by default).





Enter text using the writing box 2

1. Change the text input method to **Writing box 2**.
2. Write each character in the writing area.
To change case or use numbers or symbols, select the input mode indicator (**Abc** by default).

Enter text on the QWERTY keyboard

Open the phone and rotate counter-clockwise to landscape view. Enter text using the QWERTY keyboard as you would use a computer's keyboard.

When entering text on the QWERTY keyboard, you can use the following functions:

- Press [] to change case.
- Press [**Alt**] to enter characters on the upper half of the keys; press twice to set Number and Symbol lock.
- Press [**Sym**] to switch to Symbol mode; press twice to open the emoticon list.
- Press [] to insert a space.
- Press [] to delete characters.
- Press [] to start a new line.

View text or multimedia messages

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

View an email

1. In Menu mode, select **Messages** → **MobileMail**.
2. Select an email service and follow the onscreen instructions to view email.


Add and find contacts

Learn the basics of using the contacts feature.



The memory location to save new contacts may be preset depending on your service provider. To change the memory location, in Menu mode, select **Settings** → **Application Settings** → **Contacts** → **Memory in Use** → **Save New Contacts to** and select a memory location.

Add a new contact

1. In Idle mode, select **Keypad** and enter a phone number.
2. Select  → **Save in Contacts** → **New**.
3. Select **Phone** or **SIM** (if necessary).
4. Enter contact information.
5. Select **Save** to add the contact to memory.

Find a contact

1. In Menu mode, select **Contacts**.
2. Scroll through the contact list or select **Tap to Search** and begin entering the name you want to find.
3. When the contact's name appears, select it from the search list.







Once you have found a contact, you can:

- call the contact by selecting  → 
- edit the contact information by selecting **Edit**

Use basic camera functions

Learn the basics to capture and view photos and videos.

Capture photos

1. In Idle mode, press and hold the Camera key to turn on the camera.
2. Rotate the phone counter-clockwise to landscape view.
3. If necessary, select  to switch to camera mode. The icon changes to .
4. Aim the lens at the subject and make any adjustments.
 - To select a time delay, select .
 - To set the brightness, select .
 - To zoom in or out, press the Volume key.



If the camera icons do not appear on the screen, touch the screen to make them reappear.


5. Press the Camera key to take a photo.
The photo is saved automatically.

After capturing photos, select  to view photos.

View photos

In Menu mode, select **Media** → **Pictures** → a photo file.





While viewing the photo file,


- Rotate the phone counter-clockwise to landscape view. Tilt the phone to the left or right. Photos will scroll left or right automatically.
- To zoom in or out, touch and hold your finger on the screen until the zoom arrows  appear and

then drag up to zoom in, down to zoom out.
Touch the screen again to exit the zoom screen.

- Select **More** → **Slide Show** to view photos as a slideshow.

Capture videos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone counter-clockwise to landscape view.
3. If necessary, select  to switch to video recording mode. The icon changes to .
4. Aim the lens at the subject and make any adjustments.
 - To select a time delay, select .
 - To set the exposure value, select .
 - To zoom in or out, press the Volume key.
5. Press the Camera key to start recording.


6. Select  or press the Camera key to stop recording.

The video is saved automatically.

After capturing videos, select  to view videos.

View videos

In Menu mode, select **Media** → **Videos** → a video file.

- Rotate the phone counter-clockwise to landscape view.
- Select  to change the view mode.

Listen to music

You can listen to music via the media player or FM radio.

Listen to the FM radio

1. Plug the supplied headset into the phone's headset jack.
2. In Menu mode, select **FM Radio**.
3. Select **Yes** to start automatic tuning.
The radio scans and saves available stations automatically.



The first time you turn on the FM radio, you will be prompted to start automatic tuning. To rescan for available stations, select **More** → **Self-tuning**.



The headset provided with your phone functions as the radio antenna, so must be connected to the phone for the FM radio to function.

4. Control the FM radio using the following icons:

Icon	Function
<< >>	Tune a radio station; Select a saved radio station (touch and hold)
▶	Turn on the FM radio
■	Turn off the FM radio
☰	Open the favourite list ▶ p. 47
🎧/🔊	Change the sound output between headset and speaker

If you want to get information about the song you hear, select **More** → **Find music**. ▶ p. 47

5. To turn off the FM radio, select ■.

Listen to music files











Start by transferring files to your phone or memory card:

- Download from the wireless web. ► Browse the web
- Download from a PC using the optional Samsung Kies software. ► p. 44
- Receive via Bluetooth. ► p. 49
- Copy to your memory card. ► p. 44
- Synchronize with Windows Media Player. ► p. 44

After transferring music files to your phone or memory card,

1. In Menu mode, select **Media Player**.
2. Select a music category → a music file.

3. Control playback using the following icons:

Icon	Function
	Pause playback
	Play or resume playback
	Skip backward; Scan backward in a file (touch and hold)
	Skip forward; Scan forward in a file (touch and hold)
	Activate the Shuffle mode ( : on,  : off)
NORM	Change the sound effect
	Change the repeat mode (<u>A</u> : off,  : repeat one,  : repeat all)

Browse the web

Learn to access and bookmark your favourite web pages.



- You may incur additional charges for accessing the web and acknowledging media.

Browse web pages

- In Menu mode, select **Internet** to launch the browser and open your service provider's homepage.
- Navigate web pages using the following icons:

Icon	Function
	Move backward or forward on a web page
	Stop loading the web page
	Refresh the current web page

Icon	Function
	Change the view mode
	Add the current web page to the bookmark list
	Open a list of saved bookmarks
	Access a list of browser options

Bookmark your favourite web pages

- In the browser, select .
- Enter a URL (web address) and a page title.
- Select **Save**.

Use Google services

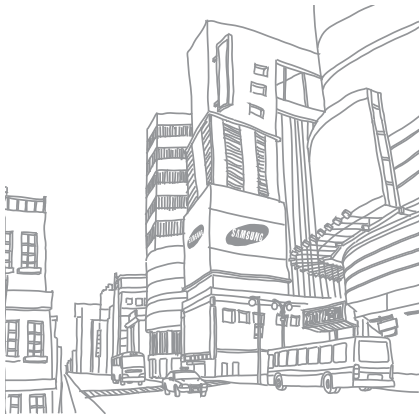
Learn how to use various Google services.

Connect to Search

1. In Menu mode, select **Google** → **Search**.
2. Enter a keyword in the search field.
3. Select **Search**.

Connect to Mail

1. In Menu mode, select **Google** → **Mail**.
2. Follow the onscreen instructions to set up a Google account (if necessary) and sign in.
3. Follow the onscreen instructions to send or receive emails.



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.

When you have one missed call, select the call from the event alert widget and select **Voice Call** to dial.

When you have two missed calls or more, select **Logs** from the event alert widget and select the call.

Call a recently dialed number

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

Hold a call or retrieve a held call

Select **Hold** to place a call on hold, **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. Select **Hold** to place the first call on hold.
2. Enter the second number to dial and select **New Call** or press [↵].
3. Select **Swap** to switch between the two calls.
4. To end the call on hold, select **End Call** → **Held call** → **Done**.
5. To end the current call, press [⏏].


Answer a second call

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


1. Press [↵] to answer the second call.
The first call is automatically placed on hold.
2. Select **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, select **Join**.


- Repeat steps 2 and 3 to add more parties (if necessary).
- To end the multiparty call, press [].

Call an international number


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

Call a contact from the contact list

You can call numbers directly from the contact list using stored contacts. ► p. 29

- In Menu mode, select **Contacts**.
- Select the contact you want.
- Select  next to the number you want to dial.

Reject a call

To reject an incoming call, press []. The caller will hear a busy tone.

To reject calls from certain numbers automatically, use auto rejection. To activate auto rejection and set up the reject list,

- In Menu mode, select **Settings** → **Application Settings** → **Call** → **General** → **Auto Reject**.
- Select **On** under **Activation**.
- Select **Add Number**.
- Select the number input field.
- Enter a number to reject and select **Done**.
- Select **Save**.
- Repeat steps 3-6 to add more numbers.
- Select **Save**.

Use advanced contact functions

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

Create a business card

1. In Menu mode, select **Contacts** → **More** → **My Business Card**.
2. Enter your personal details.
3. Select **Save**.



You can send your business card by attaching it to a message or email, or transferring it via the Bluetooth wireless feature or ActiveSync.

Set favourite numbers

1. In Menu mode, select **Contacts**.
2. Select the drop-down menu and select **Favourites**.

3. Select **Add**.

4. Select a contact.

The contact is saved to the favourite number list.



- You can call this contact by touching and holding the assigned number in the dialing screen.
- The favourite numbers will be assigned to the buddy list (👤) on the widget toolbar. You can make calls or send messages by selecting a contact from the buddy list.

Create a group of contacts

By creating groups of contacts, you can assign group names, ringtones, caller ID photos, and vibration type to each group or send messages and emails to an entire group. To create a group:

1. In Menu mode, select **Contacts**.
2. Select the drop-down menu and select **Groups**.




3. Select **Create Group**.
4. Set a group name, group picture, a group ringtone, and vibration type.
5. Select **Save**.

You can now add contacts to the group.




Use advanced camera functions

Learn how to capture photos in various modes and customize camera settings.

Capture photos using options presets for various scenes




1. In Idle mode, press and hold the Camera key to turn on the camera.
2. Rotate the phone counter-clockwise to landscape view.
3. If necessary, select  to switch to camera mode. The icon changes to .
4. Select **SCN** → a scene preset → .
5. Make any necessary adjustments.
6. Press the Camera key to take a photo.

Capture photos in Smile Shot mode




1. In Idle mode, press and hold the Camera key to turn on the camera.
2. Rotate the phone counter-clockwise to landscape view.
3. If necessary, select  to switch to camera mode. The icon changes to .
4. Select  → **Smile Shot**.
5. Make any necessary adjustments.
6. Aim the camera lens at your subject. When the subject smiles, the phone automatically takes a photo.


Capture a series of photos

1. In Idle mode, press and hold the Camera key to turn on the camera.


2. Rotate the phone counter-clockwise to landscape view.
3. If necessary, select  to switch to camera mode. The icon changes to .
4. Select  → **Continuous**.
5. Make any necessary adjustments.
6. Press and hold the Camera key to take a series of photos.

Capture panoramic photos

1. In Idle mode, press and hold the Camera key to turn on the camera.
2. Rotate the phone counter-clockwise to landscape view.
3. If necessary, select  to switch to camera mode. The icon changes to .
4. Select  → **Panorama**.

5. Make any necessary adjustments.
6. Press the Camera key to take the first photo.
7. Depending on the area you want to appear in your panorama image, slowly move the phone to the left, right, up or down. When you align the moving frame at the centre of the screen, the phone captures the next photo automatically.
8. Repeat step 6 up to four additional times as required to add additional photos.
9. To save a panorama comprised of less than six photos, select . Panoramas comprised of six photos are saved automatically.

Use camera options

Before capturing a photo, select  to access the following options:


Option	Function
Resolution	Change the image resolution
White Balance	Adjust the colour balance
Effects	Apply a special effect
Exposure Metering	Select a type of exposure meter
Image quality	Adjust the quality of your photos

Before capturing a video, select  to access the following options:

Option	Function
Resolution	Change the resolution option
White Balance	Adjust the colour balance



Option	Function
Effects	Apply a special effect
Video Quality	Adjust the quality of your video clips

Customize camera settings

Before capturing a photo, select  →  to access the following settings:

Setting	Function
Guidelines	Change the preview screen
Review	Set the camera to switch to the review screen after capturing a photo instead of returning to camera mode
Shutter Sound	Select a sound to accompany the shutter action
Storage	Select a location to store new photos

Setting	Function
Reset Settings	Reset the camera settings
Shortcut Info	View the shortcut information


Before capturing a video, select  →  to access the following settings:

Setting	Function
Guidelines	Change the preview screen
Audio Recording	Turn audio recording on or off
Storage	Select a memory location to store new video clips
Reset Settings	Reset the camera settings
Shortcut Info	View the shortcut information

Use advanced music functions


Learn to prepare music files, create playlists, and store radio stations.

Copy music files via Samsung Kies


1. In Menu mode, select **Settings** → **Phone** → **Select USB Mode** → **Samsung Kies** → **Save**. Press [] to return to Idle mode.
2. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
3. Run Samsung Kies and copy files from the PC to the phone.
Refer to the Samsung Kies help for more information.

Copy music files to a memory card

1. Insert a memory card.

2. In Menu mode, select **Settings** → **Phone** → **Select USB Mode** → **Mass Storage** → **Save**. Press [] to return to Idle mode.
3. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
When connected, a pop-up window appears on the PC.
4. Open the folder to view files.
5. Copy files from the PC to the memory card.

Synchronize your phone with Windows Media Player

1. Insert a memory card (if necessary).
2. In Menu mode, select **Settings** → **Phone** → **Select USB Mode** → **Media Player** → **Save**. Press [] 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 appears on the PC.
4. Open Windows Media Player.
5. Edit or enter your phone's name in the pop-up window (if necessary).
6. Select and drag the music files you want to the sync list.
7. Start synchronization.

Create a playlist

1. In Menu mode, select **Media Player** → **Playlists** → **Create**.
2. Select the text input field.

3. Enter a title for your new playlist and select **Done**.
4. To assign an image to the playlist, select **Tap to Edit** and select an image or capture a new photo.
5. Select **Save**.
6. Select the new playlist.
7. Select **Add** → **Tracks**.
8. Select the files to include and select **Add**.

Customize your media player settings

1. In Menu mode, select **Media Player**.
2. Select **Settings**.

- Adjust the settings to customize your music player:

Option	Function
Background Playing	Set whether to play music in the background when you end the music player
Sound Effects	Select the default equalizer type
Music Menu	Select music categories to display in the music library screen

- Select **Save**.

Record songs from the FM radio

- Plug the supplied headset into the phone's headset jack.
- In Menu mode, select **FM Radio**.
- Select **▶** to start the FM radio.
- Select **More** → **Record** to start recording.

- When you are finished recording, select **Stop**. The music file is saved in **Radio Clips** (in Menu mode, select **Media** → **Audio** → **Ringtones** → **Radio clips**).



The recording feature is intended for voice recording only. The quality of the recording will be much lower than digital media.

Store radio stations automatically

- Plug the supplied headset into the phone's headset jack.
- In Menu mode, select **FM radio**.
- Select **More** → **Self-tuning**.
- Select **Yes** to confirm (if necessary). The radio scans and saves available stations automatically.


Set up your favourite radio station list

1. Plug the supplied headset into the phone's headset jack.
2. In Menu mode, select **FM Radio**.
3. Select ► to start the FM radio.
4. Select a radio station to add to the favourite list.
5. Select **Add to Favourites**.

Find music information

Access an online music service and get information about the songs you hear while on the move.

1. With the FM radio playing, select **More** → **Find music**.

2. When your phone is successfully registered, select  to record a part of song you want to find.



Some service providers may not support this service and the database does not have information for all songs.

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 Menu mode, select **Bluetooth**.
2. Select the circle in the centre to turn on the Bluetooth wireless feature. The icon turns blue when Bluetooth is activated.
3. To allow other devices to locate your phone, select **More** → **Settings** and under **My Phone's Visibility** select **On** → a visibility option → **Save**. If you selected **Custom**, set the duration that your phone will be visible.

4. Select **Save**.



To conserve battery power, activate Bluetooth only when needed.

Find and pair with other Bluetooth-enabled devices

1. In Menu mode, select **Bluetooth** → **Search**.
2. Select a device icon and drag it to the phone icon at the centre of the screen.
3. Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and select **Done**.

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



PIN may not be required, depending on the device.

Send data using Bluetooth wireless connection

1. Select the file or item from one of your phone's applications that you want to send.
2. Select **Send** → **Via Bluetooth**, **Send via** → **Bluetooth**, or **More** → **Send Business Card via** → **Bluetooth**, as required.

Receive data using Bluetooth wireless connection

1. Enter the PIN for the Bluetooth wireless connection and select **OK** (if necessary).
2. Select **Yes** to confirm that you are willing to receive data from the device (if necessary).

Use Remote SIM mode

In Remote SIM mode, you can make or answer calls only with a connected Bluetooth hands-free car kit via the SIM or USIM card on your phone.

To activate Remote SIM mode,

1. In Menu mode, select **Bluetooth** → **More** → **Settings**.
2. Under **Remote SIM mode**, select **On** → **Save**.

To use Remote SIM mode, start the Bluetooth connection from a Bluetooth hands-free car kit.

Activate and connect to a wireless LAN (WLAN)

Activate Wi-Fi

To activate Wi-Fi on your phone

1. In Menu mode, select **Wi-Fi**.
2. Select the Wi-Fi icon in the centre of the screen. The icon turns blue when Wi-Fi is activated.



To conserve battery power, activate the WLAN only when needed.

Search for a WLAN and create a connection profile

1. In Menu mode, select **Wi-Fi** → **Search**.
2. Select a network icon → **Add** and complete the connection profile.

3. Select **Save**.

Now when you activate Wi-Fi, your phone is automatically connected to the profiled network.

Connect to the Internet using WLAN

1. Activate Wi-Fi and create one or more connection profiles (see above).
2. In Menu mode, select **Internet** or **Communities**, or in Idle mode, select a web-based widget.
3. Select and drag a network icon into the centre (if necessary).
Your phone connects to the network using the connected WLAN profile.



To access the internet via another method, change the connection profile to the desired method.

To connect to a WLAN using a WPS (Wi-Fi Protected Setup) access point,

1. In Menu mode, select **Wi-Fi** → **Search**.
2. Select a network with WPS icon (📶) and select **Add**.
3. Select **WPS Push Button** or **WPS Enter PIN**, depending on the AP device type.
4. Select **Start** and press the WPS button on the AP device within 2 minutes.
Or, enter a PIN on the AP device and select **Start** within 2 minutes.

Make fake calls

You can simulate an incoming call when you want to get out of meetings or unwanted conversations. You can also make it appear as if you are talking on the phone by playing back a recorded voice.

Activate the fake call feature




1. In Menu mode, select **Settings** → **Application Settings** → **Call** → **Fake Call**.
2. Under **Activation**, select **On**.

Make a fake call

In Idle mode, press and hold the Volume key down.

Record a voice

1. In Menu mode, select **Settings** → **Application Settings** → **Call** → **Fake Call** → **Fake Call Voice**.

2. Select **On**.
3. Select **Voice Recording**.
4. Select  to start recording.
5. Speak into the microphone.
6. When you are finished speaking, select .
7. Select  to set the recording as a response for the fake call.



Change the time delay before fake calls

1. In Menu mode, select **Settings** → **Application Settings** → **Call** → **Fake Call** → **Fake Call Timer**.
2. Select an option → **Save**.

Record and play voice memos

Learn to operate your phone's voice recorder.

Record a voice memo

1. In Menu mode, select **Record Audio**.
2. Select  to start recording.
3. Speak your memo into the microphone.
4. When you are finished speaking, select . Your memo is saved automatically.

Play a voice memo

1. In Menu mode, select **Record Audio** → **My Voice Clips**.
2. Select a file.

- Control playback using the following icons:

Icon	Function
⏸	Pause playback
▶	Play or resume playback
⏮	Skip backward; Scan backward in a file (touch and hold)
⏭	Skip forward; Scan forward in a file (touch and hold)

Edit images

Learn to edit images and apply fun effects.

Load image for editing

- In Menu mode, select **Image Editor**.
- Rotate the phone counter-clockwise to landscape view.

- Select **Load an Image for Editing**, select an image and select **Add**.

Apply effects to images

- Load an image (see above).
- Select **Effects** → an effect option (filter, style, warp, or partial blur).
- Select a variation of the effect to apply and select **OK**.
To apply a blur effect to a specific area of an image, move and resize the rectangle as required and select **OK** → **OK**.
- To save the file, select **File** → **Save as**, select a memory location (if necessary), enter a new file name and select **Done**.

Adjust an image





Automatic adjustment

1. Load an image to be edited (see above).
2. Select **Adjust** → **Auto Level** → **OK**.
3. To save the file, select **File** → **Save as**, select a memory location (if necessary), enter a new file name and select **Done**.


Manual adjustment

1. Load an image to be edited (see above).
2. Select **Adjust** → an adjustment option (Brightness/Contrast or Colour).
3. Adjust the image as desired using the sliders and select **OK**.
4. To save the file, select **File** → **Save as**, select a memory location (if necessary), enter a new file name and select **Done**.


Insert a visual feature

1. Load an image to be edited (see above).
2. Select , , , or  (Insert Text, Image, Emoticon, or Clip Art) and select **Done**.
3. Move or resize the visual feature and select **OK**.
4. To save the file, select **File** → **Save as**, select a memory location (if necessary), enter a new file name and select **Done**.


Rotate an image

1. Load an image to be edited (see above).
2. Select  to rotate the image.
3. Select **OK**.
4. Select **File** → **Save as**, select a memory location (if necessary), enter a new file name and select **Done**.

Resize an image

1. Load an image to be edited (see above).
2. Select  to resize the image.
3. Choose a size and select **OK**.
4. Enter a new file name and select **Done**.

Crop an image

1. Load an image to be edited (see above).
2. Select .
3. Move and resize the white rectangle until it indicates the area you want to crop and select **OK** → **OK**.
4. To save the file, select **File** → **Save as**, select a memory location (if necessary), enter a new file name and select **Done**.

Upload photos and videos to the web

Learn to post your photos and videos to photo sharing websites and blogs.

Set your favourite destination list

1. In Menu mode, select **Communities**.
2. Select **Yes** to set your list of preferred communities (if necessary).
3. Select **Accept** to confirm that you agree to the general disclaimer.



The first time you access **Communities**, you will be prompted to confirm.

4. Select the destinations you want to add and select **Save**.

Upload a file

To upload photos and videos, you must have accounts with photo sharing websites and blogs.

1. In Menu mode, select **Communities**.
2. Select **Upload to Web**.
3. Select a destination.
4. Select **Tap to add** → a media file.
5. Enter the post details and select **Upload**.
6. Enter your user ID and password (if necessary).



You can also upload media files from **Camera** or **Media** by selecting **More** → **Upload to web**.

View a file

1. In Menu mode, select a website or blog either directly (**Facebook** or **MySpace**) or from **Communities**.
2. Enter your user ID and password (if necessary).
3. Follow the onscreen instructions to view files.

Customize the Communities settings

1. In Menu mode, select **Communities**.
2. Select **Settings**.
3. Adjust the settings.

Setting	Function
Upload details	View details of your last upload
Preferred lists	Edit favourite destinations
Image resize	Change the image size to upload

Setting	Function
Upload reservation	Set your phone to upload files to a destination automatically at the scheduled time
Account manager	Store account information for automatic retrieval
Communities profiles	Change the connection profile
Disclaimer	View the disclaimer information

Use Java-powered games and applications

Learn to use games and applications powered by Java technology.



The download of Java games or Java applications may not be supported depending on the software of the phone.

Download games or applications

1. In Menu mode, select **Games & Apps** → **Get New Games** or **Get New Applications**.
Your phone connects to the website preset by your service provider.
2. Follow the online instructions to search for a game or application and download it to the phone.

Play games

1. In Menu mode, select **Games & Apps**.
2. Select a game from the list and follow the on-screen instructions.

Launch applications

1. In Menu mode, select **Games & Apps** → an application.
2. Select **More** to access a list of various options and settings for your application.

Synchronize data

Learn to synchronize contacts, calendar events, tasks and memos with a web server. You can also synchronise contacts, calendar events, tasks and emails with a Microsoft Exchange server.

Synchronize data with a Microsoft Exchange server



You may only use the Microsoft® Exchange ActiveSync® feature in this phone with a service that is licensed by Microsoft Corporation to use Microsoft® Exchange ActiveSync®.

To set a Microsoft Exchange server and synchronization profile,

1. In Menu mode, select **ActiveSync**.
2. Specify Microsoft Exchange server settings.
3. Select **Save**.

Synchronization with the Microsoft Exchange server you have specified starts automatically.



You may incur additional charges for accessing the server.

To synchronize all items,

1. In Menu mode, select **ActiveSync**.
2. Select **Sync**.



If you synchronize all items, you may incur charges for updating unnecessary items.


To synchronize emails only,

1. In Menu mode, select **ActiveSync**.
2. Select **Email** → **Inbox** → **Sync** → **Email** → **Select**.


Use RSS feeds

Learn to use RSS feeds to get the latest news and information from your favourite websites.

Add an RSS feed address

1. In Menu mode, select **Internet** →  → **RSS Feeds**.
2. Select **Add**.
3. Select the address input field.
4. Enter the address of an RSS feed and select **OK**.
5. Select **Subscribe Now**.


Update and read RSS feeds

1. In Menu mode, select **Internet** →  → **RSS feeds**.
2. Select **Update** → a feed → **Update** → **Yes**.
3. Select a feed category to view the updated feed.

Create and view world clocks

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

Create a world clock

1. In Menu mode, select **World Clock**.
 2. Select **Add**.
 3. Select a time zone.
 4. To enable daylight saving time, select .
 5. Select **OK** to create your world clock.
- The world clock is set as the second clock.

Repeat this procedure to add more world clocks.

Add a world clock to your display

If you have added one world clock, it automatically appears as the second clock in the dual clock widget. If you have added more than one world

clock, you can select which clock appears as the second clock in the dual clock widget (the first clock in the widget is always your current time zone).

To select a world clock for the widget,

1. In Menu mode, select **World clock**.
2. Select **Set as 2nd Clock**.
3. Select the world clock you want to add.
4. Select **Set**.

Set and use alarms

Learn to set and control alarms for important events.

Set a new alarm

1. In Menu mode, select **Alarms**.
2. Select **Create Alarm**.
3. Set alarm details.
4. Select **Save**.



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

Stop an alarm

When the alarm sounds,

- Drag the slider to **Stop** to stop the alarm without snooze.

- Drag the slider to **Snooze** to silence the alarm for the snooze period.

Deactivate an alarm

1. In Menu mode, select **Alarms**.
2. Select **Off** next to the alarm you want to deactivate.

Use the calculator

1. In Menu mode, select **Calculator**.
2. Use the keys that correspond to the calculator display to perform basic mathematical operations.

Convert currencies or measurements

1. In Menu mode, select **Converter** → a conversion type.
2. Enter the currencies or measurements and units in the appropriate fields.

Set a countdown timer

1. In Menu mode, select **Timer**.
2. Set the length of time to count down.
3. Select **Start** to begin the countdown.
4. When the timer expires, drag the slider to **Stop** to stop the alert.

Use the stopwatch

1. In Menu mode, select **Stop Watch**.
2. Select **Start** to begin the stopwatch.
3. Select **Lap** to record lap times.
4. When you are finished, select **Stop**.
5. Select **Reset** to clear recorded times.

Create new tasks

1. In Menu mode, select **Tasks**.
2. Select **Create Task**.
3. Enter the details of the task and select **Save**.

Create new memos

1. In Menu mode, select **Memo**.
2. Select **Create Memo**.
3. Enter your memo text and select **Done**.

Manage your calendar

Learn to change the calendar view and create events.

Change the calendar view

1. In Menu mode, select **Calendar**.
2. Select **More** → **View by Day** or **View by Week**.

Create events

1. In Menu mode, select **Calendar**.
2. Select **Create** → an event type.
3. Enter the details of the event as required.
4. Select **Save**.

View events

To view events on a specific date,

1. In Menu mode, select **Calendar**.
2. Select a date on the calendar.
3. Select an event to view its details.

To view events by event types,

1. In Menu mode, select **Calendar**.
2. Select **Event list** → an event type.
3. Select an event to view its details.

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 or while you are using the phone, it prompts you to enter one of the following codes:

Code	Try this to solve the problem:
Password	When the phone lock feature is enabled, you must enter the password you set for the phone.
PIN	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 Check PIN Code menu.

Code	Try this to solve the problem:
PUK	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.
PIN2	When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM card. For details, contact your service provider.

The phone prompts you to insert the SIM card.

Ensure that the SIM card is installed correctly.

Your phone displays “Service unavailable” or “Network connection 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 pressed 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 dialed.

- 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.

Your phone is hot to the touch.

When you use applications that require more power, your phone may heat up.

This is normal and should not affect your phone's lifespan or performance.

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 phone from 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. Children could also damage the phone, dial 911 by mistake or make calls that increase your phone bill.

Protect your hearing



Excessive exposure to sound at high volume can cause hearing damage. Always turn the volume down before plugging in the earphones and use only the minimum volume setting necessary to hear your conversation or music.

Install mobile devices and equipment with caution

Ensure that any mobile devices 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.

Do not use the phone if the screen is cracked or broken

Broken glass or acrylic could cause injury to your hand and face. Bring the phone to a Samsung service centre to replace the screen. Damage caused by careless handling will void your manufacturer's warranty.



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. The only stereo headset

approved for use with this phone is Samsung GH59-07345A stereo headset.

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 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.

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 disassemble your phone due to a risk of electric shock.
- Do not allow your phone to get wet—liquids can cause serious damage and will change the colour of the label that indicates water damage inside the phone. 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 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.

Reduce the risk of repetitive motion injuries

While using your phone, hold it 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.

Important usage information

Signal Strength

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts.

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.

Correct disposal of this product

The product and its electronic accessories (e.g., charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Correct disposal of batteries in this product

The batteries in this product should not be disposed of with other household waste at the end of their working life.

Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above reference levels. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

This phone is compliant with RoHS.

Radio frequency safety

The design of your phone complies with updated NCRP standards described below. In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Acknowledging special precautions and Industry Canada notice

This equipment has been tested and found to comply with the limits of 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 / 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 your dealer or an experienced radio/TV technician for help.

Specific Absorption Rates (SAR)

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is

because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

Maximum measured SAR values for the B5310R are:

GSM 850

Head: 0.50 W/kg
Body: 1.04 W/kg

UMTS Band 5

Head: 0.38 W/kg
Body: 0.40 W/kg

GSM 1900

Head: 0.48 W/kg
Body: 0.55 W/kg

UMTS Band 2

Head: 0.95 W/kg
Body: 0.54 W/kg

WLAN IEEE 802.11b

0.35 W/kg

Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment.

Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: GT-B5310R

Serial No.:

warranty information

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG Electronics Canada Inc. (SAMSUNG) warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of

Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-800-SAMSUNG. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are the Limits On SAMSUNG's Liability?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;

WARRANTIES OF TITLE OR NON-INFRINGEMENT;

DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;

THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR

COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/ PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

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This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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