

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

SAMSUNG ELECTRONICS



GT-S3353 user manual



Using this manual

Thank you for purchasing this Samsung mobile phone. This phone will provide you with high quality mobile communication and entertainment based on Samsung's exceptional technology and high standards.

This user manual has been specially designed to guide you through the functions and features of your phone.

Read me first

- Please read all safety precautions and this manual carefully before using your phone to ensure safe and proper use.
- The descriptions in this manual are based on the default settings of your phone.
- Images and screenshots used in this user manual may differ in appearance from the actual product.

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- Please keep this manual for future reference.

Instructional icons

Before you start, familiarize 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 message** (represents **Messages**, followed by **Create message**)
- [] **Square brackets**—phone keys; for example: [] (represents the Power/End key)
- < > **Angled brackets**—softkeys that control different functions at each screen; for example: <**OK**> (represents the **OK** softkey)

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Assembling

Unpack

Check your product box for the following items:

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



Use only Samsung-approved software. Pirated or illegal software may cause damage or malfunctions that are not covered by your manufacturer's warranty.




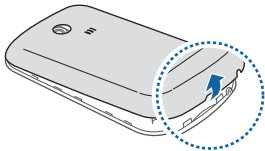
- The items supplied with your phone may vary depending on the software and accessories available in your region or offered by your service provider.
- You can purchase additional accessories from your local Samsung dealer.
- The supplied accessories perform best for your phone.
- Accessories other than the supplied ones may not be compatible with your phone.

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.

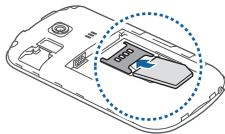
To install the SIM card and battery,

- 1 If the phone is on, press and hold [] to turn it off.
- 2 Remove the back cover.



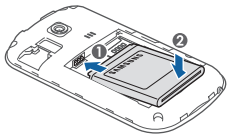
Be careful not to damage your fingernails when you remove the back cover.

- 3 Insert the SIM card.

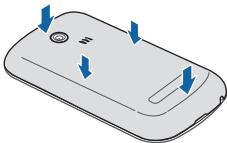


- Place the SIM card into the phone with the gold-colored contacts facing down.
- If you do not insert a SIM card, you can only use your phone's non-network services and some menus.

4 Insert the battery.



5 Replace the back cover.



Charge the battery

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

You can charge the phone with the provided travel adapter or by connecting the phone to a PC with a PC data cable.



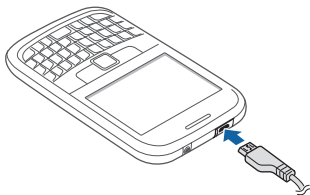
Use only Samsung-approved chargers and cables. Unauthorized chargers or cables can cause batteries to explode or damage your phone.




When your battery is low, a warning tone and a low battery pop-up message will appear. 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.

► Charge with the travel adapter

- 1 Open the cover of the multifunction jack on the side of the phone.
- 2 Plug the small end of the travel adapter into the multifunction jack.



 Connecting the travel adapter improperly may cause serious damage to the phone. Any damages due to misuse are not covered by the warranty.

- 3 Plug the large end of the travel adapter into a power outlet.



- You can use the phone while it is charging, but it may take longer to fully charge the battery.
- While the phone is charging, the touch screen may not function due to an unstable power supply. If this happens, unplug the travel adapter from the phone.
- While charging, the phone may heat up. This is normal and should not affect your phone's lifespan or performance.
- If your phone is not working properly, bring your phone and the charger to a Samsung Service Center.


- 4 When the battery is fully charged (the battery icon is no longer moving), unplug the travel adapter from the phone and then from the power outlet.



Do not remove the battery while connected to the travel adapter. Doing this may cause damage to the phone.

› Charge with the PC data cable

Before charging, ensure that your PC is turned on.

- 1 Open the cover of the multifunction jack on the side of the phone.
 - 2 Plug one end (micro-USB) of the PC data cable into the multifunction jack.
 - 3 Connect the other end of the PC data cable into a USB port on a PC.
-  Depending on the type of PC data cable you are using, it may take some time before charging begins.
- 4 When the battery is fully charged (the battery icon is no longer moving), unplug the PC data cable from the phone and then from the PC.

Insert a memory card (optional)

To store additional multimedia files, you must insert a memory card. Your phone accepts microSD™ or microSDHC™ memory cards with maximum capacities of 8 GB (depending on memory card manufacturer and type).

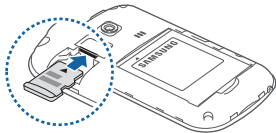


Samsung uses approved industry standards for memory cards, but some brands may not be fully compatible with your device. Using an incompatible memory card may damage your phone and the memory card. It can also corrupt data stored on the card.



- Your phone supports only the FAT file structure for memory cards. If you insert a card formatted with a different file structure, your phone will ask you to reformat the memory card.
- Frequent writing and erasing of data will shorten the lifespan of memory cards.

- 1 Remove the back cover.
- 2 Insert a memory card with the gold-colored contacts facing down.



- 3 Replace the back cover.

› Remove the memory card

- 1 Ensure that the memory card is not in the middle of an operation.
- 2 Remove the back cover.

- 3 Pull the memory card out of the memory card slot.

⚠ Do not remove a memory card while the phone is transferring or accessing information, as this could result in loss of data or damage to the memory card or phone.

› Format the memory card

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

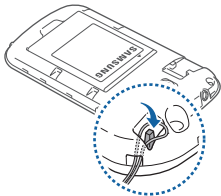
- 1 In Menu mode, select **Settings** → **Memory** → **Memory card** → <**Format**>.

- 2 Enter your password and press <**OK**>.

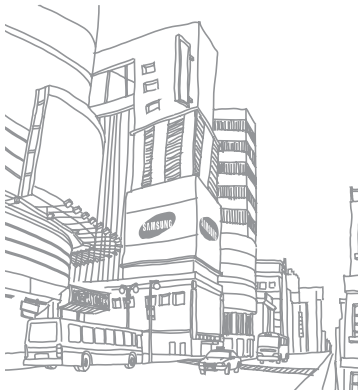
⚠ Before formatting the memory card, remember to make backup copies of all important data stored in your phone. The manufacturer's warranty does not cover loss of data resulting from user actions.

Attach a hand strap (optional)

- 1 Remove the back cover.
- 2 Slide a hand strap through the hand strap hole and hook it over the small projection.



- 3 Replace the back cover.



Getting started

Turn your phone on and off

To turn on your phone,

- 1 Press and hold [⏻].
- 2 Enter your PIN and press <OK> (if necessary).
- 3 Follow the on-screen instructions to set up your phone.

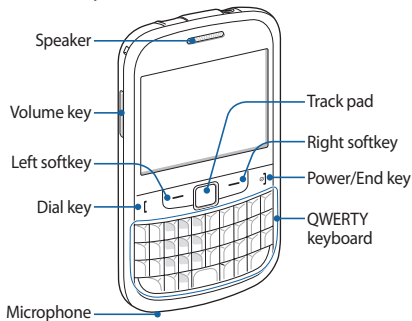
To turn off your phone, repeat step 1 above.

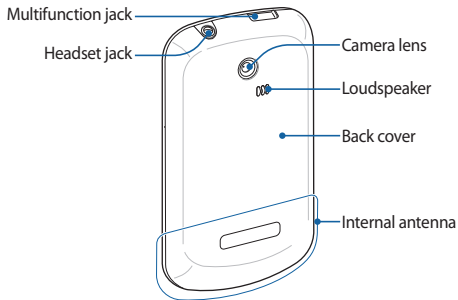


- Follow all posted warnings and directions from authorized personnel in areas where the use of wireless devices is restricted, such as airplanes and hospitals.
- To use your phone's non-network services only, switch to the offline profile. ► p. 20






Get to know your phone

► Phone layout










> Keys




Key	Function
 Dial	Make or answer a call; In Idle mode, retrieve logs of your calls and messages.
 Softkeys	Perform actions indicated at the bottom of the display.
 Power/End	Turn the phone on or off (press and hold); End a call; In Menu mode, return to the main menu or return to Idle mode.
 Volume	Adjust the phone's volume; In Idle mode, press and hold the Volume key down to make a fake call.
 Track pad	In Idle mode, scroll through menu options (drag); In Menu mode, select the highlighted menu option or confirm an input (press).

› QWERTY keyboard



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




Key	Function
	Alpha-numeric Enter numbers, letters, and special characters.
	Shift Change case in a text input field.
	Alt Use characters on the upper half of the keys in a text input field; In Idle mode, lock or unlock the keys (press and hold).
	Symbol Change the input language in a text input field.
	Space In Idle mode, switch to the silent profile (press and hold); Insert a space in a text input field.












Key	Function
 Messaging	Open a message composer screen; Access the buddy list (press and hold).
 Enter	Start a new line in a text input field.
 Backspace	Delete characters in a text input field.












› Indicator icons



Icons shown on the display may vary depending on your region or service provider.


Icon	Definition
	Signal strength
	GPRS network connected
	EDGE network connected

Icon	Definition
	Voice call in progress
	SOS message feature activated
	Browsing the web
	Connected to secured web page
	Roaming (outside of normal service area)
	Call diverting activated
	Connected to PC
	WLAN activated
	Bluetooth hands-free car kit or headset connected
	Bluetooth activated
	Alarm activated

Icon	Definition
	Memory card inserted
	New text message (SMS)
	New multimedia message (MMS)
	New email message
	New voice mail message
	Music playback in progress
	Music playback paused
	Normal profile activated
	Silent profile activated
	Battery power level
	Current time

Access menus

To access your phone's menus,

- 1 In Idle mode, press <**Menu**> to access Menu mode.
- 2 Drag on the track pad to scroll to a menu or application.
- 3 Press <**Select**> or the track pad to confirm the highlighted option.
- 4 Press <**Back**> to move up one level; Press [>] to close the menu or application and return to Idle mode.

Customize your phone

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


› Set the current time and date

- 1 In Menu mode, select **Settings** → **Time and date**.
- 2 Select the automatic time update option and a time zone.
- 3 Set the time and date format, and enter the current time and date.
- 4 Press <**Back**>.

› Adjust the volume of the key tones

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

› Switch to the silent profile

In Idle mode, press and hold [>] to mute or unmute your phone.

› Set up a sound profile

You can change your phone's sounds by customizing the current sound profile or switching to another sound profile. To set up a profile,

- 1 In Menu mode, select **Settings** → **Sound profiles**.
- 2 Scroll to the profile you want.
- 3 Press <**Edit**>.
- 4 Customize the sound options for incoming calls, incoming messages, and other phone sounds.



Available sound options vary depending on the selected profile.

To switch to another profile, select it from the list.

› Select a wallpaper for the idle screen

- 1 In Menu mode, select **Settings** → **Display** → **Wallpaper**.

- 2 Scroll to an image you want.

- 3 Press the track pad.

› Select a theme for menu screens

- 1 In menu mode, select **Settings** → **Display** → **Theme**.
- 2 Select a theme by pressing the track pad.
- 3 Scroll left or right to view the theme.
- 4 Press <**Set**> → <**Yes**> to apply the theme.

› Adjust the brightness of the display

- 1 In Menu mode, select **Settings** → **Display** → **Brightness**.
- 2 Scroll left or right to adjust the level of brightness.
- 3 Press <**Save**>.



The brightness level of the display will affect how quickly the phone consumes battery power.

› Set QWERTY shortcuts

- 1 In Menu mode, select **Settings** → **Phone** → **QWERTY shortcuts**.
- 2 Select a key to use as a shortcut.
- 3 Select a menu to assign the shortcut.
Scroll the track pad right to select a submenu (if necessary).
- 4 To access the shortcut, in Idle mode, press and hold the assigned shortcut key.

› Use the recycle bin

With the recycle bin, the data you deleted, such as messages, contacts, organizer, and files, will be sent to the recycle bin instead of being deleted permanently. You can later restore the data or empty your recycle bin to permanently delete.



To move an item to the recycle bin, you must delete one item at a time.

Activate the recycle bin

- 1 In Menu mode, select **Settings** → **Recycle bin**.
- 2 Press <**Options**> → **Activate Recycle bin**.
- 3 Scroll to an application you want and press the track pad.
- 4 Press <**Save**>.

Restore the deleted data

- 1 In Menu mode, select **Settings** → **Recycle bin**.
- 2 Scroll to an item you want.
- 3 Press the track pad to restore your data.

Empty the recycle bin

- 1 In Menu mode, select **Settings** → **Recycle bin**.
- 2 Press <**Options**> → **Empty recycle bin** → <**Yes**>.

› Lock your phone

You can lock your phone by activating the phone password.

- 1 In Menu mode, select **Settings** → **Security** → **Phone lock**.
- 2 Enter a new 4- to 8-digit password and press <OK>.
- 3 Enter the new password again and press <OK>.



The first time you access a menu that requires a password, you will be prompted to create and confirm a password.

Once the phone lock is enabled, you must enter the password each time you turn on the phone.



- If you forget your password, bring your phone to a Samsung Service Center to unlock it.
- Samsung is not responsible for any loss of passwords or private information or other damages caused by illegal software.

› Lock your SIM card

You can lock your phone by activating the PIN supplied with your SIM card.

- 1 In Menu mode, select **Settings** → **Security** → **PIN lock**.
- 2 Enter the PIN of your SIM card and press <OK>.

Once the PIN lock is enabled, you must enter the PIN each time you turn on the phone.



- If you enter an incorrect PIN too many times, your SIM card will be blocked. You must enter a PIN unlock key (PUK) to unblock the SIM card.
- If you block your SIM card by entering an incorrect PUK, bring the card to your service provider to unblock it.

► Activate the mobile tracker

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

- 1 In Menu mode, select **Settings** → **Security** → **Mobile tracker 2.0** → **Settings**.
- 2 Enter an 8-digit mobile tracker password and press <OK>.
- 3 Press <Change> to activate the mobile tracker.
- 4 Select **Recipients** to open the recipient list.
- 5 Enter a phone number including a country code (with +).
- 6 When you are finished setting the recipients, press the track pad.

- 7 Scroll down to the sender input field and enter a sender's name.
- 8 Press the track pad and press <Accept>.

Enter text






You can enter text by pressing the alphanumeric keys on the QWERTY keyboard.

► Enter text using the QWERTY keyboard

Press appropriate alphanumeric keys to enter characters, numbers, and symbols.

You can also use the following keys:

Key	Function
⇧	Change case.
Alt	Enter characters on the upper half of the keys.

Key	Function
	Switch to Symbol mode; Open the emoticon list (press [Alt] and then []).
	Insert a space.
	Clear your input.
	Start a new line.

➤ Copy and paste text

While you are entering text using the virtual keyboard, you can use the copy and paste feature to use text in other applications.

- 1 Place the cursor where you want.
- 2 Press <Options> → **Copy or cut**.
- 3 Drag your finger on the track pad to highlight the text you want.

- 4 Press the track pad to copy and paste the text onto the clipboard.
To cut the text, press <**Cut**>.
- 5 In another application, select the text input field.
- 6 Press <**Options**> → **Paste** to insert the text from the clipboard into the text field.

Communication

Calling

Learn to use calling functions, such as making and answering calls using options available during a call, or customizing and using call-related features.

► Make and answer a call

Make a call

- 1 In Idle mode, enter an area code and a phone number.
- 2 Press [■] to dial the number.

- 3 To end the call, press the [■].



- Use the phonebook to save numbers you dial frequently. ► p. 41
- To quickly access the call log to redial the numbers you dialed recently, press [■].

Answer a call


- 1 When a call comes in, press [■].



- When the phone is ringing, press the Volume key to adjust the volume, or press and hold the Volume key down to mute the ringtone.

- 2 To end the call, press [■].


Reject a call

When a call comes in, press []. The caller will hear a busy tone.



- You can set up a list of numbers to reject incoming calls automatically. ► p. 27
- You can send a message when you reject incoming calls. In Menu mode, select **Settings** → **Call** → **All calls** → **Reject call with message**.

Call an international number

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

► Use options during a call


You can use the following options while a call is in progress:

- To adjust the voice volume, press the Volume key up or down.
- To activate the speakerphone feature, press the track pad → **Yes**.




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

- To place a call on hold, press <**Hold**>. To retrieve a held call, press <**Retrieve**>.
- To dial a second call, place the first call on hold and then dial a new number.

- To answer a second call, press [] when a call waiting tone sounds. The phone asks whether to end or hold the first call. You must subscribe to the call waiting service to use this feature.
- To switch between the two calls, press <**Swap**>.

➤ View and dial missed calls

Your phone will display calls you have missed on the display.

- 1 Press the track pad.
- 2 Scroll to the missed call you want to dial.
- 3 Press [] to dial.

➤ Use additional features

You can use various other call-related features, such as auto rejection, fake calls, or Fixed Dialing Number (FDN) mode.

Set auto rejection

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

- 1 In Menu mode, select **Settings** → **Call** → **All calls** → **Auto reject**.
- 2 Press <**Change**> to activate auto rejection.
- 3 Select **Reject list**.
- 4 Press <**Options**> → **Create**.
- 5 Enter a number to reject and press the track pad.

- 6 To add more numbers, repeat steps 4-5.
- 7 Select the check boxes next to the numbers.
- 8 Press <Options> → **Save**.

Make a fake call

You can simulate incoming calls when you want to get out of meetings or unwanted conversations.

To activate the hot key to make fake calls, in Menu mode, select **Settings** → **Call** → **Fake call** → **Fake call hot key** → **On**.

To make a fake call, press and hold the Volume key down in Idle mode. A fake call comes in after a specified length of time.



You can change the delay time before fake calls. In Menu mode, select **Settings** → **Call** → **Fake call** → **Fake call timer**.

You can make fake calls appear more realistic by playing back a recorded voice. To record a voice,

- 1 In Menu mode, select **Settings** → **Call** → **Fake call** → **Fake call voice**.
- 2 Select **Fake call voice**.
- 3 Press <Record> to start recording.
- 4 Speak into the microphone.
- 5 When you are finished, press <Stop>.

Use Fixed Dialing Number (FDN) mode

In FDN mode, your phone will restrict outgoing calls, except for the numbers stored in the FDN list. You must first set up your FDN list in the phonebook to use FDN mode. ► p. 43

To activate FDN mode,

- 1 In Menu mode, select **Settings** → **Security** → **Fixed dialing mode**.
- 2 Enter the PIN2 supplied with your SIM card and press <OK>.

Log

Learn to view and manage logs of calls you have dialed, received, or missed and messages you have sent, or received.

› View call and message logs

You can view logs of your calls and messages filtered by their types.

- 1 In Menu mode, select **Log**.
- 2 Scroll left or right to a log type.

- 3 Select a log to view its details.



From the detail view, you can dial the number, send a message to the number or add the number to the phonebook or reject list.

› View the log manager

From the log manager, you can check the amount of data or number of messages sent or received and the cost and duration of your calls.

- 1 In Menu mode, select **Log** → <**Log manager**>. If there is a log saved, press <**Options**> → **Log manager**.
- 2 Select an option you want.

Option	Function
Call duration	View time data for your calls, such as the duration of the last call and the total duration of all calls.

Option	Function
Call cost	View cost records for your calls, such as the cost of the last call and the total cost of all calls. You can also set the currency and price per unit, or cost limit to restrict calls according to your calling plan; The cost counter may be unavailable depending on your SIM card.
Message counter	View the number of messages you have sent or received.
Data counter	View the amount of data you have sent or received.



You can reset the records in the log manager. From each screen, press **<Reset>**.

Messages

Learn to create and send text (SMS), multimedia (MMS), or email messages, and view or manage messages you have sent or received.



You may incur additional charges for sending or receiving messages while outside your home service area. For details, contact your service provider.

› Send a text message

- 1 In Menu mode, select **Messages** → **Create message**.
- 2 Enter a number.
You can select one from contacts, groups, or recent contacts by pressing the track pad.
- 3 Scroll down and enter your message text.
- 4 Press the track pad to send the message.

► Set up an MMS profile

To send and receive multimedia messages, you must activate a connection profile for connecting to the MMS server. In addition to profiles that are preset by your service provider, you can add your own connection profile.

- 1 In Menu mode, select **Messages** → **Settings** → **Multimedia messages** → **Multimedia message profiles** → **<Yes>**.
If there is a connection profile predefined by your service provider, press **<Options>** → **Create**.
- 2 Customize the parameters for the connection profile.
- 3 When you are finished, press the track pad or **<Save>**.

► Send a multimedia message

- 1 In Menu mode, select **Messages** → **Create message**.

- 2 Enter a number or email address.
You can select one from contacts, groups, or recent contacts by pressing the track pad.
When you enter an email address, the phone will convert the message to a multimedia message.
- 3 Scroll down and enter your message text.
- 4 Press **<Options>** → **Add multimedia** and attach a file.
You can select a file from the file list or capture a photo, video, or sound clip.
- 5 Press the track pad to send the message.

► Set up an email account and profile

In addition to the email account predefined by your service provider, you can add your personal email accounts. Also, you can add your own connection profile for using email services.

Set up an email account

- 1 In Menu mode, select **Messages** → **Settings** → **Email** → **Email accounts**.
- 2 Press <**Options**> → **Add**.
- 3 Customize the settings for the account.
- 4 When you are finished, press the track pad or <**OK**>.

Set up an email profile

- 1 In Menu mode, select **Messages** → **Settings** → **Email** → **Email profiles** → <**Yes**>.
If there is a connection profile predefined by your service provider, press <**Options**> → **Create**.
- 2 Customize the network settings.
- 3 When you are finished, press the track pad or <**Save**>.

➤ Send an email message

- 1 In Menu mode, select **Messages** → **Create Email**.
- 2 Enter an email address.
You can select one from contacts, groups, or recent contacts by pressing the track pad.
- 3 Scroll down and enter a subject.
- 4 Scroll down and enter your email text.
- 5 Press <**Options**> → **Attach items** and attach a file.
You can select a file from the file list or capture a photo, video, or sound clip.
- 6 Press the track pad to send the email.

➤ View a message

Messages you have received, sent or saved are sorted automatically into the following message folders.

- **Inbox:** Received text or multimedia messages
- **Email inbox:** Received email messages
- **Sentbox:** Sent messages
- **Outbox:** Messages that are currently sending or waiting to be sent
- **Drafts:** Messages that you have saved for future use
- **Broadcast messages:** Cell broadcast messages from your network
- **Spambox:** Spam messages

View a text or multimedia message


- 1 In Menu mode, select **Messages** and select a message folder (inbox or sentbox).
- 2 Select a text or multimedia message.

View an email message

- 1 In Menu mode, select **Messages** → **Email inbox**.
- 2 Select an email account.
- 3 Select the track pad.
- 4 Select an email or a header.
- 5 If you selected a header, press <**Retrieve**> to view the body of the email.

► Listen to voice mail messages

If you have set missed calls to be diverted to the voice mail server, callers may leave voice messages when you do not answer incoming calls. To access your voice mail box and listen to voice mail messages,

- 1 In Idle mode, press and hold [1].
 - 2 Follow the instructions from the voice mail server.
-  You must save the voice mail server number before accessing the server. Your service provider can give you the number.

► Use message templates

Learn to create and use text and multimedia templates to quickly and easily create new messages.

Create a text template

- 1 In Menu mode, select **Messages** → **My folders** → **Templates**.

- 2 Press <**Create**> to open a new template window.
If there is a template saved, press <**Options**> → **Create**.

- 3 Enter your text and press the track pad.

You can now insert a text template in the text field while creating a text, multimedia, or email message by using the inserting option.

Create a multimedia template

- 1 In Menu mode, select **Messages** → **My folders** → **MMS card**.
- 2 Press <**Options**> → **Create** to open a new template window.
- 3 Create a multimedia message, with a subject and desired attachments, to use as your template. ► p. 31
- 4 Press the track pad.

To use a multimedia template to create a new multimedia message, from the template list, scroll to a template to use and press <**Options**> → **Send**. Your template will open as a new multimedia message.

► Create a folder to manage messages

Learn to create folders to manage your messages according to your preferences and needs.

- 1 In Menu mode, select **Messages** → **My folders**.
- 2 Press <**Options**> → **Create folder**.
- 3 Enter a new folder name and press the track pad.

You can now move your important messages from the inbox or sentbox to a custom folder for easier management or preventing them from accidental deletion.

► Send an SOS message

In case of an emergency, you can ask for help by sending an SOS message to specified recipients.




This feature may be unavailable depending on your region or service provider.

- 1 In Menu mode, select **Messages** → **Settings** → **SOS messages** → **Sending options**.
- 2 Press <**Change**> to turn on the SOS messaging feature.
- 3 Select **Recipients** to open the recipient list.
- 4 Enter a recipient number and press the track pad. Skip to step 7.
To select a number saved in your contact list, press <**Options**> → **Search** to open the contact list and then continue with the next step.
- 5 Scroll to a contact and press the track pad.

- 6 Select a phone number (if necessary).
- 7 When you are finished setting the recipients, press the track pad.
- 8 Select **Repeat** and select the number of times to repeat the SOS message.
- 9 Press <**Back**> → <**Yes**>.

To send an SOS message, the keys must be locked. Press the Volume key 4 times.



Once you send an SOS message, all phone functions will be suspended until you press [].

Instant messenger

Learn to chat with your friends or family from any of the universal instant messengers.



This feature may be unavailable depending on your region or service provider.

- 1 In Menu mode, select **Comms** → **Instant messenger** → a messenger.
- 2 Enter your user ID and password and log in.
- 3 Chat with your family or friends instantly.

Bluetooth messenger

Learn to chat with your friends or family via the Bluetooth wireless feature.

- 1 In Menu mode, select **Comms** → **Bluetooth messenger**.
- 2 If there are no Bluetooth contacts saved, press the track pad to find and pair with other Bluetooth-enabled devices. ► p. 50
- 3 Select the paired device.
- 4 Enter your message and press the track pad.

Entertainment

Camera

Learn how to capture and view photos and videos. You can capture photos at resolutions up to 1600 x 1200 pixels (2 megapixels) and videos at resolutions up to 176 x 144 pixels.

› Capture a photo

1 In Menu mode, select **Camera** to turn on the camera.



- The camera automatically turns off when you do not use it for a specified period.
- The memory capacity may differ depending on the shooting scene or shooting conditions.

- 2** Aim the lens at the subject and make any necessary adjustments.
- 3** Press the Volume key to zoom in or out.
- 4** Press the track pad to take a photo.
The photo is saved automatically.

After capturing photos, press <**View**> to view the captured photos.

› Record a video

- 1** In Menu mode, select **Camera** to turn on the camera.
- 2** Press [**1**] to switch to the camcorder.
- 3** Aim the lens at the subject and make any necessary adjustments.
- 4** Press the Volume key to zoom in or out.

5 Press the track pad to start recording.

6 Press <**Stop**> to stop recording.

The video is saved automatically.

After recording videos, press <**View**> to view the recorded videos.

Music

Learn to listen to your favorite music while on the go with the music player.

► Add music files to your phone

Start by transferring files to your phone or memory card:

- Download from the wireless web. ► p. 47
- Download from a PC with the optional Samsung Kies.
► p. 53
- Receive via Bluetooth. ► p. 52
- Copy to your memory card. ► p. 54





► Play music

After transferring music files to your phone or memory card,

1 In Menu mode, select **Music** → **Library**.

2 Select a music category → a music file.

3 Control playback with the following keys:

keys	Function
Volume	Adjust the volume.
	Pause playback; Select  to resume playback.
	Restart playback; Move to the previous file (press within 2 seconds); Scan backward in a file (press and hold).
	Move to the next file; Scan forward in a file (press and hold).

keys	Function
1	Rate the current track.
2	Change a sound effect.
3	Change the repeat mode.
4	Activate or deactivate Shuffle mode.

► Create a playlist

- 1 In Menu mode, select **Music** → **Library** → **Playlists** → **<Create>**.
- 2 Enter a title for your new playlist and press the track pad.
- 3 Select the new playlist.
- 4 Press **<Options>** → **Add** → **Tracks**.
- 5 Select the files you want to include and press **<Add>**.

FM radio

Learn to listen to music and news on the FM radio. To listen to the FM radio, you must connect the supplied headset, which serves as the radio antenna.







► Listen to the FM radio

- 1 Plug the supplied headset into the phone.
- 2 In Menu mode, select **Applications** → **FM radio**.
- 3 Press the track pad to turn on the FM radio.
- 4 Press **<Yes>** to start automatic tuning.
The FM radio scans and saves available stations automatically.



The first time you turn on the FM radio, you will be prompted to start automatic tuning.

5 Control the FM radio with the following keys:

keys	Function
Volume	Adjust the volume.
	Turn off the FM radio; Select  to turn on the FM radio.
 	Change the frequency by 0.1 MHz or 50 KHz.
 	Search for an available radio station.

To add the current radio station to the favorites list, press **<Options> → Add to → Favorites**.

► Save radio stations automatically

- 1 Plug the supplied headset into the phone.
- 2 In Menu mode, select **Applications → FM radio**.

3 Press **<Options> → Self-tuning**.

- 4 Press **<Yes>** to confirm (if necessary).
The FM radio scans and saves available stations automatically.

Games and more

Learn to use games and applications powered by award-winning Java technology.



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

- 1 In Menu mode, select **Applications → Games and more**.
- 2 Select a game or application from the list and follow the on-screen instructions.

Personal information

Contacts

Learn to create and manage a list of your personal or business contacts stored on the phone's memory or a SIM card. You can save names, mobile phone numbers, home phone numbers, email addresses, birthdays and more for your contacts.

» Create a contact

- 1 In Menu mode, select **Contacts**.
- 2 Press the track pad or press <Options> → **Create contact**.
- 3 Select a memory location (if necessary).

- 4 Enter contact information.



If you are saving the contact on a SIM card, you can save only the contact's name and a phone number.

- 5 Press the track pad or press <Options> → **Save** to add the contact to memory.

You can also create a contact from the dialing screen.

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

› Find a contact

- 1 In Menu mode, select **Contacts**.
- 2 Enter the first letter of the name you want.
- 3 Select the contact's name from the contact list.



Once you found a contact, you can:

- call the contact by pressing [].
- edit the contact information by pressing the track pad.

› Set a favorite number

- 1 In Menu mode, select **Contacts**.
- 2 Scroll left or right to **Favorites**.

- 3 Press <**Assign**> → **Contacts**.

If there is a favourite number saved, scroll to an empty location and press <**Assign**> → **Contacts**.

- 4 Select a favorite number you want to set from the contact list.

The contact is saved to the favorite number list. You can now call this contact from Idle mode by pressing and holding the corresponding dial number.

› Create a group of contacts

By creating groups of contacts, you can manage multiple contacts and send messages or email to an entire group. Start by creating a group.

- 1 In Menu mode, select **Contacts**.

- 2 Scroll left or right to **Groups**.

- 3 Press <**Options**> → **Create group**.

- 4 Enter a group name and press the track pad.

› Create an FDN list

You can set up a list of contacts to be used in Fixed Dialing Number (FDN) mode that restricts outgoing calls if the feature is supported by your SIM card. The FDN list is saved on your SIM card.

- 1 In Menu mode, select **Contacts**.
- 2 Press <**Options**> → **FDN contacts**.
If there is a FDN contact saved, press <**Options**> → **Create FDN contact**.
- 3 Enter contact information and press the track pad.
- 4 Enter the PIN2 supplied with your SIM card and press <**OK**>.

To restrict outgoing calls to only those numbers saved in the FDN list, activate FDN mode. ► p. 28

Calendar

Learn to create and manage daily, weekly or monthly events.

› Create an event

- 1 In Menu mode, select **Organizer** → **Calendar**.
- 2 Press <**Options**> → **Create** → an event type.
- 3 Enter the details of the event as required.
- 4 Press the track pad or <**Save**>.

› View events

To change the calendar view,

- 1 In Menu mode, select **Organizer** → **Calendar**.
- 2 Press <**Options**> → **View by week** or **View by month**.

To view events of a specific date,

- 1 In Menu mode, select **Organizer** → **Calendar**.
- 2 Select a date on the calendar. On the calendar, the dates with scheduled events are indicated with a triangle.
- 3 Select an event to view its details.

Task


Learn to create a virtual task list and set alarms to remind yourself of important tasks or set priority.

› Create a task

- 1 In Menu mode, select **Organizer** → **Task**.

- 2 Press <**Create**>.
If there is a task saved, press <**Options**> → **Create task**.
- 3 Enter the details of the task.
- 4 Press the track pad or <**Save**>.

› View tasks

- 1 In Menu mode, select **Organizer** → **Task**.
 - 2 Press <**Options**> → **List by** and select a category (done, priority, or due date) to sort the tasks.
 - 3 Select a task to view its details.
-  For completed tasks with an expired deadline, you can set their status to completed. You will not be reminded of those tasks any longer.

Memo

Learn to record important information to save and view at a later date.

› Create a memo

- 1 In Menu mode, select **Organizer** → **Memo**.
- 2 Press <**Create**>.
If there is a memo saved, press <**Options**> → **Create memo**.
- 3 Enter your memo text and press the track pad.

› View memos

- 1 In Menu mode, select **Organizer** → **Memo**.
- 2 Select a memo to view its details.

Voice recorder


Learn to operate your phone's voice recorder. You can set voice memos as call or alarm ringtones.

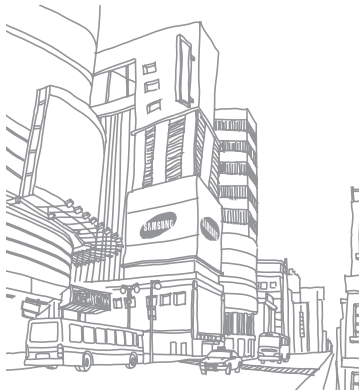
› Record a voice memo

- 1 In Menu mode, select **Applications** → **Voice recorder**.
- 2 Press the track pad to start recording.
- 3 Speak into the microphone.
- 4 When you are finished, press <**Stop**>.
Your memo is saved automatically.
- 5 To record more voice memos, press the track pad and repeat steps 3-4.

► Play a voice memo

- 1 In Menu mode, select **Applications** → **Voice recorder**.
- 2 Press <**Options**> → **Go to Sounds** to access the voice memo list.
- 3 Select a voice memo.
- 4 Control playback with the following keys.

keys	Function
Volume	Adjust the volume.
⏸	Pause playback; Select  to resume playback.
⏮	Skip backward.
⏭	Skip forward.



Web

Internet

Learn to access and bookmark your favorite web pages.



- You may incur additional charges for accessing the web and downloading media. For details, contact your service provider.
- The web browser menu may be labeled differently depending on your service provider.
- Available icons may vary depending on your region or service provider.

› Set up an internet profile

To access the network and connect to the internet, you must activate a connection profile. In addition to profiles that are preset by your service provider, you can add your own connection profile.

- 1 In Menu mode, select **Settings** → **Network** → **Connections** → <Yes>.
- 2 Press the track pad.
If there is a connection profile predefined by your service provider, press <Options> → **Create**.
- 3 Customize the network settings.

› Browse web pages

1 In Menu mode, select **Internet** to launch a specified homepage.

To access a specific web page, press <**Options**> → **Enter URL**, enter the web address (URL) of the web page, and press the track pad.

2 Navigate web pages.

› Bookmark your favorite web pages

You can bookmark web pages you frequently visit for quick access. While navigating the web, press <**Options**> → **Add to Bookmarks** to bookmark the current web page.

If you know the web address of the web page, you can manually add a bookmark offline. To add a bookmark,

1 In Menu mode, select **Internet** and press <**Options**> → **Bookmarks** → <**Add**>.

2 Enter a page title and a web address (URL).

3 Press the track pad.

Google

You can search for information from websites and applications or files from your phone by using the Google Search service.



- Some services may be unavailable depending on your region or service provider.
- The steps you must follow to use this feature may differ depending on your region or service provider.

1 In Menu mode, select **Applications** → **Google**.

2 Press <**Yes**>.

3 Select the search field.

4 Enter a keyword and press the track pad.

Communities

Learn to share your photos and videos with other people on community websites and blogs.



This feature may be unavailable depending on your region or service provider.

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

- 1 In Menu mode, select **Comms** → **Communities**.
- 2 Select a website or blog you want to access.
- 3 Press <Yes>.
- 4 Sign in and share photos or videos with friends and family.

Community websites

Learn to quickly access community services, such as Facebook and Twitter.

- 1 In Menu mode, select **Comms** → **Facebook** or **Twitter**.
- 2 Enter your username and password and sign in.
- 3 Share photos or videos with friends and family.

Connectivity

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 10 m without requiring a physical connection.



- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth wireless feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by Bluetooth SIG, may be incompatible with your phone.

› Turn on the Bluetooth wireless feature

- 1 In Menu mode, select **Applications** → **Bluetooth**.
- 2 Press <**Options**> → **Settings**.
- 3 Press <**Change**> to activate the Bluetooth wireless feature.



To allow other devices to locate your phone, press <**Options**> → **Settings** → **My phone's visibility** → an option. If you selected **Custom**, set duration that your phone is visible.

› Find and pair with other Bluetooth-enabled devices

- 1 In Menu mode, select **Applications** → **Bluetooth**.
- 2 Press the track pad to search for devices.

- 3 Select a device.
- 4 Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and press <OK>. Alternatively, press <Yes> to match the PIN between your phone and the device.

When the owner of the other device enters the same PIN or accepts the connection, pairing is complete. If the pairing is successful, the device will automatically search for available services.

Once the phone is paired with another Bluetooth-enabled device, the device icon will turn blue. Scroll to a paired device and use the following options:

- To browse the file directory of the device and exchange files, press the track pad.
- To search for more devices, press <Options> → **Search**.
- To check Bluetooth services available on your phone and information about the services, press <Options> → **Service list**.

- To change the device name, press <Options> → **Rename**.
- To delete the paired device from the list, press <Options> → **Delete** or **Delete multiple**.
- To allow the device to access your phone without your confirmation, press <Options> → **Authorize**.
- To customize Bluetooth settings, press <Options> → **Settings**.

➤ Send data using the Bluetooth wireless feature

- 1 Select a file or item, such as a contact, calendar event, memo, task, or media file, from an appropriate application or **My files**.
- 2 Press <Options> → **Send via** → **Bluetooth**, or press <Options> → **Send namecard via** → **Bluetooth**.

› Receive data using the Bluetooth wireless feature

- 1 Enter the PIN for the Bluetooth wireless feature and press <OK> (if necessary).
- 2 Press <Yes> to confirm that you are willing to receive data from the device (if necessary).

Received data is saved to an appropriate application or folder according to its type. For example, a music or sound clip is saved to the sound folder and a contact to the phonebook.

› 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 card on your phone.

To activate Remote SIM mode,

- 1 In Menu mode, select **Applications** → **Bluetooth** → <**Options**> → **Settings**.
- 2 Scroll to **Remote SIM mode** and press <**Change**>.

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

Wi-Fi

Learn to use your phone's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 standard.

You can connect to the internet or other network devices anywhere an access point or wireless hotspot is available.



Your phone uses non-harmonized frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors in France.

› Activate the WLAN feature

In Menu mode, select **Applications** → **Wi-Fi** → the track pad.



An active WLAN running in the background will consume battery power. To preserve battery power, activate the WLAN only when needed.

› Find and connect to a WLAN


- 1 In Menu mode, select **Applications** → **Wi-Fi** → the track pad.
- 2 Select a network to connect.
- 3 Enter a password for the network (if necessary).
- 4 Press the track pad or <**Connect**>.

PC connections

Learn to connect your phone to a PC with the optional PC data cable in various USB connection modes.


› Connect with Samsung Kies

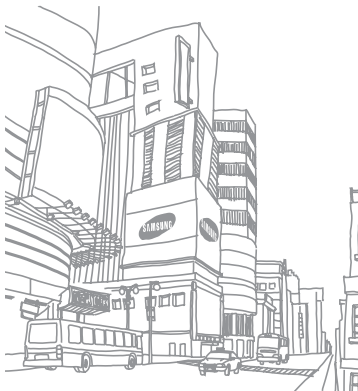
Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website (www.samsung.com/kies).

- 1 In Menu mode, select **Settings** → **PC connections** → **Samsung Kies**.
- 2 Press [>] to return to Idle mode.
- 3 Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
- 4 Run Samsung Kies and copy data and files.

► Connect as a mass storage device

If you insert a memory card in the phone, you can access the file directory of the memory card by using the phone as a memory card reader.

- 1 Insert a memory card into the phone.
- 2 In Menu mode, select **Settings** → **PC connections** → **Mass storage**.
- 3 Press [>] to return to Idle mode.
- 4 Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
When connected, a pop-up window will appear on the PC.
- 5 Open the folder to view files.
- 6 Copy files from the PC to the memory card.



Tools

Alarms

Learn to set and control alarms for important events.

› Set a new alarm

- 1 In Menu mode, select **Alarms**.
- 2 Press <**Create**>.
If there is an alarm saved, press <**Options**> → **Create alarm**.
- 3 Set alarm details.
- 4 When you are finished, press the track pad or <**Save**>.



Press <**Options**> → **Settings** → **Auto power** to turn on the auto power-up feature. The auto power-up feature sets the phone to automatically turn on and sound the alarm at the designated time when the phone is turned off.

› Stop an alarm

When the alarm sounds,

- Press <**Confirm**> to stop the alarm.
- Press <**Snooze**> to silence the alarm for the snooze period.

› Deactivate an alarm

- 1 In Menu mode, select **Alarms**.
- 2 Scroll to the alarm you want to deactivate.
- 3 Press <**Options**> → **Deactivate alarm**.

Back-up manager

Use Back-up manager to back up your data, such as messages, contacts, and tasks, to your memory card or **My files**. You can also restore them to your phone.

› Back up your data

- 1 In Menu mode, select **Settings** → **Back-up manager**.
- 2 Select **Back-up**.
- 3 Select a category and select items to back up.
- 4 Press <**Back-up**>.

› Restore your data

- 1 In Menu mode, select **Settings** → **Back-up manager**.
- 2 Select **Restore**.
- 3 Select a category and select items to restore.
- 4 Press <**Restore**>.

Calculator

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

Converter

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

Dictionary

Learn to look up words in your dictionary and set up your own wordbook.

› Look up a word

- 1 In Menu mode, select **Applications** → **Dictionary**.
- 2 Enter a word in the search field.
- 3 Select the word from the list.
To add the word to your dictionary, press <**Options**> → **Save in My vocabulary**.

› View the history

- 1 In Menu mode, select **Applications** → **Dictionary**.
- 2 Scroll left or right to **History** to see a list of words you have looked up.

› View my vocabulary list

- 1 In Menu mode, select **Applications** → **Dictionary**.
- 2 Scroll left or right to **My vocabulary**.
- 3 Select a word from my word list.

My files

Learn to quickly and easily access all of your images, videos, music, sound clips, and other types of files stored on the phone or a memory card.

› Supported file formats

Your phone supports the following file formats:

Type	Supported format
Image	bmp, jpg, gif, png, wbmp
Video	mp4, 3gp

Type	Supported format
Sound	imy, midi, amr, wav, m4a, mp3, aac, mmf
Others	vcf, vcs, vnt, jad, jar



- Some file formats are not supported depending on the software of the phone.
- If the file size exceeds the available memory, an error can occur when you open files.

› View a file


- 1 In Menu mode, select **My files** → a file type.
Folders or files on the memory card are indicated by a memory card icon.

2 Select a folder → a file.


- In **Images**, you can view photos you have captured and images you have downloaded or received from other sources.
- In **Videos**, you can play videos you have captured and ones you have downloaded or received from other sources.
- In **Sounds**, you can play all ringtones, music files, and sound clips you have recorded, including voice memos and FM radio clips.
- In **Other files**, you can view documents and data files including unsupported files.

Stopwatch

- 1 In Menu mode, select **Applications** → **Stopwatch**.
- 2 Press <**Start**> to begin the stopwatch.

- 3 Press the track pad to record lap times.
 - 4 When you are finished, press <**Stop**>.
 - 5 Press <**Reset**> to clear recorded times.
-  While recording the lap times, the interval between lap times is recorded. To check the interval, scroll left or right to **Lap**.

Timer

- 1 In Menu mode, select **Applications** → **Timer**.
- 2 Set the length of time to count down.
- 3 Press <**Start**> to begin the countdown.
You can now use other functions with the timer counting down in the background. Press <**Back**> or [] → <**Yes**> and access another application.
- 4 When the timer expires, press <**OK**> to stop the alert.

World clock

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

► Create a world clock

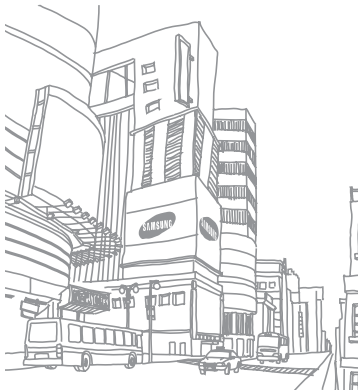
- 1 In Menu mode, select **Organizer** → **World clock**.
- 2 Press the track pad.
- 3 Scroll to the time zone you want and press <**Add**>. The world clock is set as the second clock.
- 4 To apply the daylight saving time to the clock, press <**Options**> → **Daylight saving time on**.
- 5 To add more world clocks, repeat steps 2-4.

► Add a world clock to your display

With the dual clock widget, you can view clocks with two different time zones on your display.

After you have created world clocks,

- 1 In Menu mode, select **Organizer** → **World clock**.
- 2 Scroll to the time zone you want and press <**Options**> → **Set as second clock**.
- 3 In Menu mode, select **Settings** → **Display** → **Smart home**.
- 4 Scroll left or right to **Smart idle**.
- 5 Press <**Edit**> → **Dual clock**.
- 6 Press <**Options**> → **Save**.
- 7 Press the track pad.



Settings

Access the Settings menu

- 1 In Menu mode, select **Settings**.
- 2 Select a setting category and select an option.
- 3 Customize the setting and press <**Save**> or the track pad.

Sound profiles

Select a sound profile to use or customize sound options in profiles as desired.

Display

Access and alter the following settings to control the display and usage of light on your phone.

- **Wallpaper:** Select a background image for the idle screen.
- **Theme:** Select a color theme for the menu screens.
- **Smart home:** Change the idle screen type or customize the smart home screen.
- **Font style:** Select a font size for the display text.
- **Dialing display:** Customize the dialing screen.
- **Brightness:** Set the brightness of the display.
- **Backlight:** Set the length of time the phone waits before turning off the display's backlight.
- **Transition effect:** Set the phone to display animation when you switch between windows.

Time and date

Access and alter the settings to control how time and date are displayed on your phone.

Phone

Access and alter the following settings to control general settings for your phone:

- **Language:** Select a language to use on the phone's display and text input.
- **QWERTY shortcuts:** Customize the QWERTY keyboard shortcuts. ► p. 21
- **Keypad auto-lock:** Set the phone to automatically lock the keypad.
- **Optical trackpad sensitivity:** Adjust the sensitivity of the track pad.

Call

Access and alter the following settings to control your phone's calling features:

- **All calls:** Customize the settings for calling features.
- **Voice call:** Customize the settings for voice calls.
- **Fake call:** Customize the settings for fake calls. ► p. 28

Recycle bin

Activate the recycle bin to restore data you have deleted or remove them permanently. ► p. 21

Back-up manager

Back up or restore your data, such as messages, contacts, and tasks. ► p. 56

Security

Access and alter the following settings to secure your phone and data:

- **Phone lock:** Activate or deactivate the phone lock feature to require a phone password before using the phone.
- **SIM lock:** Activate or deactivate the SIM lock feature to require the SIM password when you change the SIM card.
- **PIN lock:** Activate or deactivate the PIN lock feature to require the PIN before using the phone.
- **Privacy lock:** Make various types of data private; To access private data, you must enter your phone password.
- **Fixed dialing mode:** Activate or deactivate FDN mode to restrict calls to number in the FDN list.
- **Change password:** Change the phone password.
- **Change PIN:** Change the PIN used to access SIM data.

- **Change PIN2:** Change the PIN2, which is used to protect the primary PIN.
- **Mobile tracker 2.0:** Activate or deactivate the mobile tracker feature which helps you locate your phone when it is lost or stolen. ► p. 23

PC connections

Set a USB mode to be activated when you connect the phone to a PC. ► p. 53

Network

Access or alter the following settings to control how your phone selects and connects to networks:

- **Network selection:** Set the network selection method to automatic or manual.
- **Connections:** Set up connection profiles to use for network features.

Memory

Access and alter the following settings to control your phone's memory use:

- **Memory card:** Access details about your memory card. You can also format the memory card.



Formatting a memory card will permanently erase all selected data from the memory card.

- **Memory status:** View the used and available memory for various types of files.
- **Default memory:** Select a memory location to use when transferring data, capturing images and videos, or recording voice memos.
- **Clear phone memory:** Erase the selected data from your phone's memory.

Reset

Access the following options to reset your phone:

- **Reset settings:** Reset various settings to the factory default values. Select which settings to reset. You must enter your phone password to reset the settings.
- **Master reset:** Clear all data and reset various settings to the factory default values. You must enter your phone password to reset the settings.

Troubleshooting

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 PIN lock 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.

Your phone displays "Service unavailable" or "Network error"

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

Calls are being dropped

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

Outgoing calls are not connected

- 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 you are dialing.

Incoming calls are not connected

- 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 incoming phone number.

Others cannot hear you speaking on a call

- 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.

Audio quality 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.

When dialing from contacts, the call is not connected

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.
- Ensure that you have not set call barring for the contact's phone number.

The phone beeps and the battery icon flashes

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

The battery does not charge properly or the phone turns off

- The battery terminals may be dirty. Wipe both gold-colored 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 (refer to your local ordinances for proper disposal instructions).

Your phone is hot if touched.

When you use applications that require more power or use applications on your phone for an extended period of time, your phone may feel hot if touched. This is normal and should not affect your phone's lifespan or performance.

Safety precautions

To prevent injury and damage to yourself, to others and to the device, read all of the following information before using your device.

Warning: Prevent electric shock, fire, and explosion

Do not use damaged power cords or plugs, or loose electrical sockets

Do not touch your device and the power cord with wet hands

Do not bend or damage the power cord

Do not use your device while charging and do not disconnect the charger by just pulling the cord

Do not short-circuit the charger or the battery

Do not drop or cause an impact to the charger or the battery

Do not charge the battery with chargers that are not approved by the manufacturer

Do not use your device during a thunderstorm

Your device may malfunction and the risk of electric shock is increased.

Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery

For safe disposal of your Li-Ion batteries, contact your nearest authorized service center.

Handle and dispose of batteries and chargers with care

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

Protect the device, batteries, and chargers from damage

- Avoid exposing your device and batteries to very cold or very hot temperatures.
- Extreme temperatures can cause the deformation of the device and reduce the charging capacity and life of your device and 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.

Caution: Follow all safety warnings and regulations when using your device in restricted areas

Turn off your device where prohibited

Comply with all regulations that restrict the use of a mobile device in a particular area.

Do not use your device near other electronic devices

Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

Do not use your device near a pacemaker

- Avoid using your device within a 15 cm range of a pacemaker if possible, as your device can interfere with the pacemaker.
- If you must use your device, keep at least 15 cm away from the pacemaker.
- To minimize the possible interference with a pacemaker, use your device on the opposite side of your body from the pacemaker.

Do not use your device in a hospital or near medical equipment that can be interfered with by radio frequency

If you personally use any medical equipment, contact the manufacturer of the equipment to ensure the safety of your equipment from radio frequency.

If you are using a hearing aid, contact the manufacturer for information about radio interference

Some hearing aids may be interfered with by the radio frequency of your device. Contact the manufacturer to ensure the safety of your hearing aid.

Turn off the device in potentially explosive environments

- Turn off your device in potentially explosive environments instead of removing the battery.
- Always comply with regulations, instructions and signs in potentially explosive environments.

- Do not use your device at refueling points (service stations), near fuels or chemicals, and at blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Turn off your device when in an aircraft

Using your device in an aircraft is illegal. Your device may interfere with the electronic navigation instruments of the aircraft.

Electronic devices in a motor vehicle may malfunction due to the radio frequency of your device

Electronic devices in your car may malfunction due to radio frequency of your device. Contact the manufacturer for more information.

Comply with all safety warnings and regulations regarding mobile device usage while operating a vehicle

While driving, safely operating the vehicle is your first responsibility. Never use your mobile device while driving, if it is prohibited by law. For your safety and the safety of others, practice good common sense and remember the following tips:

- Use a hands-free device.
- Get to know your device and its convenience features, such as speed dial and redial. These features help you reduce the time needed to place or receive calls on your mobile device.
- Place your device within reach. Be able to access your wireless device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, let your voice mail answer it for you.
- Let the person you are speaking with know you are driving. Suspend calls in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and heavy traffic can be hazardous.
- Do not take notes or look up phone numbers. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility of driving safely.
- Dial sensibly and assess the traffic. Place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call, dial only a few numbers, check the road and your mirrors, then continue.
- Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

- Use your device to call for help. Dial a local emergency number in the case of fire, traffic accident, or medical emergencies.
- Use your device to help others in emergencies. If you see an auto accident, a crime in progress, or a serious emergency where lives are in danger, call a local emergency number.
- Call roadside assistance or a special, non-emergency assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or another special, non-emergency number.

Proper care and use of your mobile device

Keep your device dry

- Humidity and all types of liquids may damage device parts or electronic circuits.
- When wet, remove the battery without turning on your device. Dry your device with a towel and take it to a service center.
- Liquids will change the color of the label that indicates water damage inside the device. Water damage to your device can void your manufacturer's warranty.

Do not use or store your device in dusty, dirty areas

Dust can cause your device to malfunction.

Do not store your device on slopes

If your device falls, it can be damaged.

Do not store your device in hot or cold areas. Use your device at -20 °C to 50 °C

- Your device can explode if left inside a closed vehicle, as the inside temperature can reach up to 80 °C.
- Do not expose your device to direct sunlight for extended periods of time (such as on the dashboard of a car).
- Store the battery at 0 °C to 40 °C.

Do not store your device with such metal objects as coins, keys and necklaces

- Your device may become deformed or malfunction.
- If the battery terminals are in contact with metal objects, it may cause a fire.

Do not store your device near magnetic fields

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.

- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.
- Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers

- The battery may leak.
- Your device may overheat and cause a fire.

Do not drop your device or cause impacts to your device

- The screen of your device may be damaged.
- If bent or deformed, your device may be damaged or parts may malfunction.

Do not use a flash close to the eyes of people or pets

Using a flash close to the eyes may cause temporary loss of vision or damage to the eyes.

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 purposes.

Use manufacturer-approved batteries, chargers, accessories and supplies

- Using generic batteries or chargers may shorten the life of your device or cause the device to malfunction.
- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.

Do not bite or suck on the device or the battery

- Doing so may damage the device or cause explosion.
- If children use the device, make sure that they use the device properly.

When speaking on the device:

- Hold the device upright, as you would with a traditional phone.
- Speak directly into the mouthpiece.
- Avoid contact with your device's internal antenna. Touching the antenna may reduce the call quality or cause the device to transmit more radio frequency than necessary.

- Hold the device 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.

Protect your hearing



- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while driving may distract your attention and cause an accident.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.

Use caution when using the device while walking or moving

Always be aware of your surroundings to avoid injury to yourself or others.

Do not carry your device in your back pockets or around your waist

You can be injured or damage the device if you fall.

Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your manufacturer's warranty. For service, take your device to a Samsung Service Center.
- Do not disassemble or puncture the battery, as this can cause explosion or fire.

Do not paint or put stickers on your device

Paint and stickers can clog moving parts and prevent proper operation. If you are allergic to paint or metal parts of the product, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the product and consult your physician.

When cleaning your device:

- Wipe your device or charger with a towel or a rubber.
- Clean the terminals of the battery with a cotton ball or a towel.
- Do not use chemicals or detergents.

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

Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Center to have it repaired.

Do not use the device for anything other than its intended use

Avoid disturbing others when using the device in public

Do not allow children to use your device

Your device is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the device, or make calls that increase your charges.

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 device and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Allow only qualified personnel to service your device

Allowing non-qualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

Handle SIM cards or memory cards with care

- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.

- Do not touch gold-colored 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 device may not be possible in some areas or circumstances. Before traveling in remote areas without signal coverage, plan an alternate method of contacting emergency services personnel.

Be sure to back up important data

Samsung is not responsible for data loss.

Specific Absorption Rate (SAR) certification information

Your device conforms to European Union (EU) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile devices that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 2.0 W/kg.

During testing, the maximum SAR recorded for this model was 0.603 W/kg. In normal use, the actual SAR is likely to be much lower, as the device has been designed to emit only the RF energy necessary to transmit a signal to the nearest base station. By automatically emitting lower levels when possible, your device reduces your overall exposure to RF energy.

For more information about the SAR and related EU standards, visit the Samsung website.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)



(Applicable in the European Union and other European countries with separate collection systems)
This marking on the product, accessories or literature indicates that 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.

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

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

Correct disposal of batteries in this product



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

This marking on the battery, manual or packaging indicates that 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 the reference levels in EC Directive 2006/66. 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.

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