## Instructional icons

## 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."

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")


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## contents

safety and usage information ..... 1
Safety warnings ..... 1
Safety precautions ..... 4
Important usage information ..... 6
introducing your mobile phone ..... 12
Unpack ..... 12
Phone layout ..... 13
Keys ..... 14
Icons ..... 14
assembling and preparing your mobile phone ..... 16
Install the SIM card and battery ..... 16
Charge the battery ..... 18
Insert a memory card (optional) ..... 19
Attach a hand strap (optional) ..... 20
using basic functions ..... 21
Turn your phone on and off ..... 21
Use the touch screen ..... 22
Access menus ..... 23
Use widgets ..... 23
Access help information ..... 24
Customise your phone ..... 24
Use basic call functions ..... 27
Send and view messages ..... 28
Add and find contacts ..... 31
Use basic camera functions ..... 32
Listen to music ..... 34
Browse the web ..... 36
Use the Google services ..... 37
using advanced functions ..... 39
Use advanced call functions ..... 39
Use advanced phonebook functions ..... 42
Use advanced messaging functions ..... 43
Use advanced camera functions ..... 44
Use advanced music functions ..... 48
using tools and applications ..... 53
Use the Bluetooth wireless feature ..... 53
Activate and connect to a wireless LAN (WLAN) ..... 55
Activate and send an SOS message ..... 56
Activate the mobile tracker ..... 57
Make fake calls ..... 58
Record and play voice memos ..... 58
Edit images ..... 59
Print images ..... 61
Edit videos ..... 62
Upload photos and videos to the web ..... 65
Use Java-powered games and applications ..... 67
Synchronise data ..... 68
Create and view world clocks ..... 69
Set and use alarms ..... 70
Use the calculator ..... 71
Convert currencies or measurements ..... 71
Set a countdown timer ..... 71
Use the stopwatch ..... 71
Create new tasks ..... 71
Create new memos ..... 72
Manage your calendar ..... 72
troubleshooting ..... a
index ..... d

## 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 your phone away from small children and pets
Keep your phone and all accessories out of reach from small children and animals. Small parts may cause choking or serious injury if swallowed.

## Protect your hearing



Excessive exposure to sound at high volumes can cause hearing damage. 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.

## Install mobile phones and equipment with caution

Ensure that any mobile phones or related equipment installed in your vehicle are securely mounted. Avoid placing your phone and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

## Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your phone. Incompatible batteries and chargers can cause serious injuries or damage to your phone.
- Never dispose of batteries or phones in a fire. Follow all local regulations when disposing of used batteries or phones.
- Never place batteries or phones on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.


## Avoid interference with pacemakers

Maintain a minimum of 15 cm ( 6 inches) between mobile phones and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research. If you have any reason to suspect that your phone is interfering with a pacemaker or other medical device, turn off the phone immediately and contact the manufacturer of the pacemaker or medical device for guidance.

## Turn off the phone in potentially explosive environments

Do not use your phone at refuelling points (service stations) or near fuels or chemicals. Turn off your phone whenever directed by warning signs or instructions. Your phone could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.

## Reduce the risk of repetitive motion injuries

While using your phone, hold the phone with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.

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.

## Safety precautions

## Drive safely at all times

Avoid using your phone while driving and obey all regulations that restrict the use of mobile phones while driving. Use hands-free accessories to increase your safety when possible.

## Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile phone in a certain area.

## Use only Samsung-approved accessories

Using incompatible accessories may damage your phone or cause injury.

## Turn off the phone near medical equipment

Your phone can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

## Turn off the phone or disable the wireless functions when in an aircraft

Your phone can cause interference with aircraft equipment. Follow all airline regulations and turn off your phone or switch to a mode that disables the wireless functions when directed by airline personnel.

## Protect batteries and chargers from damage

- Avoid exposing batteries to very cold or very hot temperatures (below $0^{\circ} \mathrm{C} / 32^{\circ} \mathrm{F}$ or above $45^{\circ} \mathrm{C} /$ $113^{\circ} \mathrm{F}$. 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 deviceprotect 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.
- If your phone has a camera flash or light, avoid using it close to the eyes of children or animals.
- 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.


## 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.

## (8) Important usage information

Use your phone in the normal position Avoid contact with your phone's internal antenna.

## Allow only qualified personnel to service your phone

Allowing unqualified personnel to service your phone may result in damage to your phone and will void your warranty.

## 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.

## Specific Absorption Rate (SAR) certification information

Your phone 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 phones that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of $2.0 \mathrm{~W} / \mathrm{kg}$.

During testing, the maximum SAR recorded for this model was 0.631 W/kg. In normal use, the actual SAR is likely to be much lower, as the phone 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 phone reduces your overall exposure to RF energy.

The Declaration of Conformity at the back of this manual demonstrates your phones compliance with the European Radio \& Terminal Telecommunications Equipment (R\&TTE) directive. For more information about the SAR and related EU standards, visit the Samsung mobile phone 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 $\mathrm{Hg}, \mathrm{Cd}$ 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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## introducing your mobile phone

In this section, leam 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 of your phone includes 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 [ $\mathbf{B}$. To unlock, press and hold [日]

Keys

| Key |  | Function |
| :---: | :---: | :---: |
| $\square$ | Dial | Make or answer a call; In Idle mode, retrieve recently dialled, missed, or received numbers |
| $\$$ | Back | In Menu mode, retum to the previous level |
| $\square$ | Power/ Menu exit | Turn the phone on and off (press and hold); End a call; In Menu mode, retum to Idle mode |
| $1$ | Volume | Adjust the phone's volume; In Idle mode, press and hold the Volume key down to make a fake call |
| (1) | Hold | Lock the touch screen and keys; Unlock the touch screen and keys (press and hold) |

## Key Function

1. Camera $\begin{aligned} & \text { In lde mode, turn on the camera; } \\ & \text { record a video }\end{aligned}$

## Icons

Learn about the icons that appear on your display.

| Icon | Definition |
| :---: | :---: |
| \%\%ㅐㅔ | Signal strength |
| (G) | GPRS network connected |
| E | EDGE network connected |
| $\rho$ | Call in progress |
| m | Memory card inserted |


| Icon | Definition |
| :---: | :---: |
| （ | Alarm activated |
| 9 | Browsing the web |
| （9） | Connected to secured web page |
| \％ | Wi－Fi activated |
| （1） | Roaming（outside of normal service area） |
| $\stackrel{5}{5}$ | Call diverting activated |
| （ 8 | Bluetooth activated |
| §漗 | Bluetooth hands－free car kit or headset connected |
| 号 | Connected to or synchronised with PC |
| 冎 | New text message（SMS） |


| Icon | Definition |
| :---: | :---: |
| ， 6 | New multimedia message（MMS） |
| 迯 | New email message |
| （0） | New voice mail message |
| 4 | Normal profile activated |
| ＊ | Silent profile activated |
| IIIII | Battery power level |
| 10：00 | 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) 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.


(a)
If the phone is on, press and hold $[\mathbf{\sigma}]$ to turn it off.
2. Insert the SIM card.


- Place the SIM card in the phone with the gold-coloured contacts facing up.
- Without inserting a SIM card, you can use your phone's non-network services and some menus.
- Do not insert a memory card in the SIM card slot.

3. Push the SIM card in the SIM card slot until it locks in place.
4. Insert the battery.

5. 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 top of the phone.
2. Plug the small end of the travel adapter into the multifunction jack.


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 inlill 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 waming signal 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 store additional multimedia files, you must insert a memory card. Your phone accepts microSD ${ }^{\text {TM }}$ or microSDHC ${ }^{\text {TM }}$ 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 down.

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 it 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

Leam 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 $[\mathbf{\sigma}]$.
2. Enter your PIN and select Confirm (if necessary).

To turn your phone off, repeat step 1 above.

## Switch to the offline profile

By switching to the offline profile, you can use your phone's non-network services in areas where
wireless devices are prohibited, such as aeroplanes and hospitals.

To switch to the offline profile, in Menu mode, select Settings $\rightarrow$ Phone profiles $\rightarrow$ Offline

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 to access Menu mode.
2. Scroll left or right through the menu screens.
3. Select a menu or option.
4. Press the Back key to move up one level; Press $[\mathbf{\Phi}]$ to return to ldle mode.

## Use widgets

Learn to use widgets on the widget toolbar.

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

## Move the widgets to the idle screen

1. In Idle mode, scroll left or right to an area you want in the idle screen.
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.

## Change the widgets

1. In Menu mode, select Settings $\rightarrow$ Display and light $\rightarrow$ Widget.
2. Select the widgets you want to include to the widget toolbar and select Save.

## Access help information

Learn to access helpful information about your phone.

1. Open the widget toolbar.
2. Select ? from the widget toolbar.
3. Rotate the phone anti-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 $\qquad$

## Customise your phone

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

Adjust the volume of the key tones
In Idle mode, press the Volume key up or down and adjust the key tone volume.

## Adjust the vibration intensity on the

 touch screenYou 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 or unsilence your phone.

## Calibrate the screen

You can calibrate the screen so that your phone recognises the input better.

1. In Menu mode, select Settings $\rightarrow$ Phone settings $\rightarrow$ Calibration.
2. Touch the target on the screen.
3. Select Yes.

## Change your ringtone

1. In Menu mode, select Settings $\rightarrow$ Phone profiles.
2. Select $\gg$ next to the profile you are using.

If you are using the silent or offline profile, you are not allowed to change the ringtone.
3. Select Voice call ringtone.
4. Select a ringtone.
5. Select Save twice.

To switch to another profile, select it from the list.
Select a wallpaper (Idle mode)

1. In Menu mode, select Settings $\rightarrow$ Display and light $\rightarrow$ Wallpaper.
2. Scroll left or right to an image.
3. Select Set.

## Select a skin colour (Menu mode)

1. In Menu mode, select Settings $\rightarrow$ Display and light $\rightarrow$ My theme.
2. Select a colour pattern.
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 the method to unlock the touch screen and keys.

1. In Menu mode, select Settings $\rightarrow$ Touch panel.
2. Select On under Auto-lock.
3. Select the Lock key only drop-down menu and select an unlock option.
4. Select Save.

## Lock your phone

1. In Menu mode, select Settings $\rightarrow$ Security.
2. Select On under Phone lock.
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 passwords or private information or other damages caused by illegal software.


## 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 $\rightarrow$ Smart unlock.
2. Select On under Gesture unlock.
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. Press the Back key (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 [日].

## Make a call

1. In Idle mode, select Keypad and enter an area code and a phone number.
2. Press $[\boldsymbol{\square}]$ to dial the number.
3. To end the call, press [ $\mathbf{\sigma}$ ].

## Answer a call

1. When a call comes in, press [ $\boldsymbol{\square}$ ].
2. To end the call, press $[\boldsymbol{\Phi}]$.

## 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 $\rightarrow$ Yes to activate the speaker.
2. To switch back to the earpiece, select Speaker again.

In noisy environments, you may have difficulty hearing the calls while using the speakerphone feature. 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 twice.
- To answer a call, press the headset button.
- To end a call, press and hold 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 $\rightarrow$ Create message $\rightarrow$ Message.
2. Select Tap to add recipient $\rightarrow$ Enter manually
3. Enter a recipient number and select Done.
4. Select Tap to add text.
5. Enter your message text and select Done.

- Enter text

For sending as a text message, skip to step 7 .
For attaching multimedia, continue with step 6.
6. Select Add media and add an item.
7. Select Send to send the message.

## Send an email

1. In Menu mode, select Messages $\rightarrow$ Create message $\rightarrow$ Email.
2. Select Tap to add recipient $\rightarrow$ Enter manually.
3. Enter an email address and select Done.
4. Select Tap to add subject.
5. Enter a subject and select Done.
6. Select Tap to add text.
7. Enter your email text and select Done.
8. Select Add files and attach a file (if necessary).
9. Select Send to send the message.

## Enter text

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

## Change the text input method

When you open the text input field, the virtual keypad appears. Select the Keypad drop-down menu and select one of the following input methods for entering text:

- Keypad
- Writing full sc.
- Writing box 1
- Writing box 2


[^0]
## Enter text using the virtual keypad

1. Change the text input method to Keypad.
2. Select appropriate virtual keys to enter text.

- To change case or use numbers or symbols, select Abc at the bottom centre of the screen. Depending on your region, you may be able to access an input mode for your specific language.
- To enter text in T9 mode, select T9 (T9 turns blue).
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.

Mode Function

1. Select appropriate virtual keys to enter an entire word.
2. When the word displays correctly, select $\boldsymbol{\omega}$ to insert a space. If the correct word does not display, select an alternate word from the list that appears or select to select an altemate word.

| Number | Select an appropriate virtual key to enter a <br> number. |
| :--- | :--- |
| Symbol | Select an appropriate virtual key to enter a <br> symbol. |

## Enter text using the writing full sc.

1. Change the text input method to Writing full sc.
2. Write each character anywhere on the screen.

To change case or use numbers or symbols, select Abc at the bottom centre of the screen.

## Enter text using the 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 Abc at the bottom centre of the screen.

## 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 Abc at the bottom centre of the screen.

## View text or multimedia messages

1. In Menu mode, select Messages $\rightarrow$ Inbox.
2. Select a text or multimedia message.

## View an email

1. In Menu mode, select Messages $\rightarrow$ Email inbox.
2. Select an account.
3. Select Download
4. Select an email or a header.
5. If you selected a header, select Retrieve to view the body of the email.

## Add and find contacts

Learn the basics of using the phonebook feature.
The memory location to save new contacts may be preset depending on your service provider or region. To change the memory location, in Menu mode, select Phonebook $\rightarrow$ More $\rightarrow$ Settings $\rightarrow$ Memory in use $\rightarrow$ Save new contacts to.

## Add a new contact

1. In Idle mode, select Keypad and enter a phone number.
2. Select $\equiv \rightarrow$ Add to Phonebook $\rightarrow$ 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 Phonebook.
2. Select Tap to search, enter the first few letters of the name you want to find, and select Done. You can also drag to select the first letter of the name.
3. Select the contact's name from the search list.

Once you have found a contact, you can:

- call the contact by selecting $\mathbf{l} \rightarrow \mathbf{C}$
- edit the contact information by selecting Edit


## Use basic camera functions

Learn the basics to capture and view photos and videos.

When you turn on the camera, the display may appear blank due to temporary electrostatic discharge. Try restarting the phone to solve the problem.

## Capture photos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Aim the lens at the subject and make any adjustments.

- To turn the flash on or off, select (32).
- To change the camera focus, select $A$.
- To set the exposure value, select ty.
- To zoom in or out, press the Volume key.

4. Press the Camera key to take a photo.

The photo is saved automatically.
After capturing photos, select $\nabla$ to view photos quickly.

## View photos

In Menu mode, select My files $\rightarrow$ Images $\rightarrow$ a photo folder $\rightarrow$ a photo file.

- Rotate the phone anti-clockwise to landscape view. Tilt the phone to the left of right. Photos will scroll left or right automatically.
- To zoom in or out, touch and hold the screen and scroll up or down when $\frac{0}{\circ}$ appears. To exit the zoom screen, press the Back key.


## Capture videos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select [0] to switch to Recording mode.
4. Aim the lens at the subject and make any adjustments.

- To change the recording mode, select 踶.
- To turn the flash on or off, select (32).
- To set the exposure value, select tu.
- To zoom in or out, press the Volume key.

5. Press the Camera key to start recording.
6. Select $\square$ or press the Camera key to stop recording.
The video is saved automatically.
After capturing videos, select $\square$ to view videos quickly.

## View videos

In Menu mode, select My files $\rightarrow$ Videos $\rightarrow$ a video folder $\rightarrow$ a video file.

Rotate the phone anti-clockwise to landscape view.

## Listen to music

Learn how to listen to music via the music 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.
4. Control the FM radio using the following icons:

| Icon | Function |
| :---: | :--- |
| << >> | Tune a radio station; Select a saved radio <br> station (touch and hold) |
| $\boldsymbol{\square}$ | Turn off the FM radio |
| $\boldsymbol{D}$ | Turn on the FM radio |
| $\vdots$ | Open the favourite list p. 51 |
| $\boldsymbol{\Omega} \mathbf{4}$ | Change the sound output |

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. p. 36
- Download from a PC with the optional Samsung PC Studio. p. 48
- Receive via Bluetooth. p. 54
- Copy to your memory card. p. 49
- Synchronise with Windows Media Player 11.
p. 49

After transferring music files to your phone or memory card,

1. In Menu mode, select Music player.
2. Select a music category $\rightarrow$ a music file.
3. Control playback using the following icons:

| Icon | Function |
| :---: | :---: |
| 11 | Pause playback |
| - | Resume playback |
| 14 | Skip backward; Scan backward in a file (touch and hold) |
| $\cdots$ | Skip forward; Scan forward in a file (touch and hold) |
| $\lambda 1$ | Activate Shuffle mode |
| NORM ${ }^{1}$ | Change the sound effect |
| A. 1 | Change the repeat mode |

1. When you touch the screen, the icons will be available.

## Browse the web

Learn to access and bookmark your favourite web pages.

- You may incur additional charges for accessing the web and downloading media.
- The browser menus may be labelled differently depending on your service provider.
- Available icons may vary depending on your region or service provider.


## Browse web pages

1. In Menu mode, select Internet $\rightarrow$ Home to launch your service provider's homepage.
2. Navigate web pages using the following icons:

## Icon Function

4 Move backward or forward on a web page

| Icon | Function |
| :---: | :---: |
| * | Stop loading the web page |
| () | Refresh the current web page |
| T | Return to the homepage |
| * | Open a list of saved bookmarks |
| $\cdots$ | Change the view mode |
| 目 | Add a bookmark or access a list of browser options |

## Bookmark your favourite web pages

1. In Menu mode, select Internet $\rightarrow$ Bookmarks.
2. Select Add.
3. Enter a web address (URL) and a page title.
4. Select Save.

## Download media files

四
This feature may be unavailable depending on your region or service provider.

1. In Menu mode, select Downloads.
2. Search for a ringtone or picture and download it to the phone.

## Use the Google services

Learn how to use various Google services.

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


## Connect to Search

1. In Menu mode, select Google $\rightarrow$ Search.
2. Enter a keyword in the search field.

## Connect to Mail

1. In Menu mode, select Google $\rightarrow$ Mail.
2. Set up your Google account and sign in.
3. Send or receive emails.

## Connect to Google Maps

To search the map,

1. In Menu mode, select Games and more $\rightarrow$ Google Maps.
2. Scroll through the map.
3. Zoom in or out on the location you want.

To search for a specific location,

1. In Menu mode, select Games and more $\rightarrow$ Google Maps.
2. Select Menu $\rightarrow$ Search Map and enter the address or the category of the business.
To get directions to a specific destination,
3. In Menu mode, select Games and more $\rightarrow$ Google Maps.
4. Select Menu $\rightarrow$ Get Directions.
5. Enter the addresses of the starting location and the ending location.
6. Select Show directions to view on the map.


## using advanced functions

Leam 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. To dial the number of a missed call,

1. Select the missed call you want to dial from the event alert widget.
2. Press [■] to dial.

## Call a recently dialled number

1. In Idle mode, press $[\boldsymbol{\square}]$ to display a list of recent numbers.
2. Select the number you want and select $\boldsymbol{\square}$ or press [ $\mathbf{\square}$ ] to dial.

## Hold a call or retrieve a held call

Select Hold to place a call on hold or select
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. Select Keypad, enter the second number to dial, and select New call or press [ $\boldsymbol{\square}$ ].
3. Select Swap to switch between the two calls.
4. To end the call on hold, select On hold $\rightarrow \boldsymbol{\sim}$.
5. To end the current call, press $[\boldsymbol{\Phi}]$.

## Answer a second call

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

1. Press $[\boldsymbol{\square}]$ 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.
4. Repeat steps 2 and 3 to add more parties (if necessary).
5. To end the multiparty call, press $[\mathbf{\Gamma}]$.

## Call an international number

1. In Idle mode, select Keypad and touch 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 [ $\mathbf{\square}$ ] to dial.

## Call a contact from the phonebook

You can call numbers directly from the phonebook using stored contacts. p. 32

1. In Menu mode, select Phonebook.
2. Select the contact you want.
3. Select $\mathbf{l}$ next to the number you want to dial and select

## Reject a call

To reject an incoming call, press [ $\mathbf{\nabla} \mathbf{\nabla}$ ]. The caller will hear a busy tone.

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

1. In Menu mode, select Settings $\rightarrow$ Application settings $\rightarrow$ Call $\rightarrow$ All calls $\rightarrow$ Auto reject.
2. Select On under Activation.
3. Select Add number under Reject list.
4. Select the number input field.
5. Enter a number to reject and select Done $\rightarrow$ Save.
6. Repeat steps $3-5$ to add more numbers.
7. Select the check boxes next to the numbers.
8. Select Save.

## Use advanced phonebook functions

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

## Create your namecard

1. In Menu mode, select Phonebook $\rightarrow$ More $\rightarrow$ My namecard.
2. Enter your personal details.
3. Select Save.


You can send your namecard by attaching it to a message or email or transferring it via the Bluetooth wireless feature.

## Set favourite numbers

1. In Menu mode, select Phonebook.
2. Select the Contacts drop-down menu $\rightarrow$ Favourites.
3. Select a favourite number.
4. Select a contact.

The contact is saved to the favourite number list.

- You can call this contact by touching and holding the assigned favourite number in the dialling screen.
- The first 5 favourite numbers will be assigned to the favourite contacts ( $\mathbf{\square}$ ) on the widget toolbar.


## Create a group of contacts

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

1. In Menu mode, select Phonebook.
2. Select the Contacts drop-down menu $\rightarrow$ Groups.
3. Select Create group.
4. Set a group name, the caller ID photo, a group ringtone, and vibration type.
5. Select Save.
6. Select Yes and add contacts to the group (if necessary).

## Make calls or send messages from photos

Your phone automatically adds contacts you frequently use to the photo contacts list. From the photo contacts, you can make calls or send messages.

1. In Menu mode, select Photo contacts.
2. Select a photo contact.
3. Select to dial the number or select to send a message.

## Use advanced messaging functions

Learn to create templates, use templates to create new messages, and create message folders.

## Create a text template

1. In Menu mode, select Messages $\rightarrow$ Templates $\rightarrow$ Text templates.
2. Select Create to open a new template window.
3. Select Tap to add text.
4. Enter your text and select Done.
5. Select Save.

Create a multimedia template

1. In Menu mode, select Messages $\rightarrow$ Templates $\rightarrow$ Multimedia templates.
2. Select Create to open a new template window.
3. Create a multimedia message, with a subject and desired attachments, to use as your template. p. 28
4. Select Save.

Insert text templates in new messages

1. In Menu mode, select Messages $\rightarrow$ Create message $\rightarrow$ a message type.
2. Select More $\rightarrow$ Insert $\rightarrow$ Text template $\rightarrow a$ template.

Create a message from a multimedia template

1. In Menu mode, select Messages $\rightarrow$ Templates $\rightarrow$ Multimedia templates.
2. Select $\vec{\Delta}$ next to the template you want. Your template opens as a new multimedia message.

Create a folder to manage messages

1. In Menu mode, select Messages $\rightarrow$ My folders.
2. Select Create folder.
3. Enter a new folder name and select Done.

Move messages from a message folder to your folders to manage them as your preferences.

## Use advanced camera functions

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

Capture photos by using options preset for various scenes

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select $\mathbb{C}$ an $\rightarrow$ a scene $\rightarrow$ 典.
4. Make any necessary adjustments.
5. Press the Camera key to take a photo.

## Capture photos in Smile shot mode

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select $\rightarrow \rightarrow$ Smile shot.
4. Make any necessary adjustments.
5. Press the Camera key.
6. Aim the camera lens at your subject.

Your phone recognises people in an image and detects their smiles. When the subject smiles, the phone automatically takes a photo.

## Capture a series of photos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select $s \rightarrow$ Continuous.
4. Make any necessary adjustments.
5. Press and hold the Camera key to take a series of photos.

## Capture panoramic photos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select $s \rightarrow$ Panorama
4. Make any necessary adjustments.
5. Press the Camera key to take the first photo.
6. Slowly move the phone to the direction you want. When you align the small white frame with
[0]: the phone captures the next photo automatically.
7. Repeat step 6 to complete the panoramic photo.

## Capture divided photos

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select $5 \rightarrow$ Mosaic
4. Select an image layout and press the Camera key.
5. Make any necessary adjustments.
6. Press the Camera key to take photos for each segment.

## Capture photos with decorative frames

1. In Idle mode, press the Camera key to turn on the camera.
2. Rotate the phone anti-clockwise to landscape view.
3. Select $5 \rightarrow$ Frame.
4. Select a frame and press the Camera key.
5. Make any necessary adjustments.
6. Press the Camera key to take a photo with the frame.

## Use camera options

Before capturing a photo, select $\hat{Q}^{2}$ to access the following options:

| Option | Function |
| :--- | :--- |
| Timer | Select the time delay |
| Resolution | Change the resolution option |
| White balance | Adjust the colour balance |
| Effects | Apply a special effect |
| ISO | Adjust the sensitivity of the camera <br> imaging sensor |
| Exposuremeter | Select a type of exposure metre <br> Anti-ShakeReduce blur caused by vibration or <br> movement |
| Auto contrast | Set the camera to adjust the <br> contrast |
| Blink detection | Set the camera to alert you when <br> people close eyes |


| Option | Function |
| :--- | :--- |
| Image quality | Adjust the quality of your photos |
| Adjust | Adjust contrast, saturation, and <br> sharpness |

Before capturing a video, select ${ }^{3}$ to access the following options:

| Option | Function |
| :--- | :--- |
| Timer | Select the time delay |
| Resolution | Change the resolution option |
| White balance | Adjust the colour balance |
| Effects | Apply a special effect |
| Auto contrast | Set the camera to adjust the <br> contrast |
| Video quality | Adjust the quality of your video clips |
| Adjust | Adjust contrast, saturation, and <br> sharpness |

## Customise camera settings

Before capturing a photo, select $\hat{U}^{3} \rightarrow$ \}్ర్ర to access the following:

| Setting | Function |
| :--- | :--- |
| Guidelines | Change the preview screen |
| Review | Set the camera to switch to the <br> review screen after capturing photos |
| Shutter sound | Select a sound to accompany the <br> shutter action |
| Storage | Select a memory location to store <br> new photos |
| Reset settings | Reset the camera settings |

Before capturing a video, select $\left.{ }^{2}\right\}$ the following:

## Setting Function

Guidelines
Change the preview screen

| Setting | Function |
| :--- | :--- |
| Audio recording | Turn the audio on or off |
| Storage | Select a memory location to store <br> new video clips |
| Reset settings | Reset the camera settings |

## Use advanced music functions

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

## Copy music files via Samsung PC Studio

1. In Menu mode, select Settings $\rightarrow$ Phone settings $\rightarrow$ PC connections $\rightarrow$ Samsung PC studio or Mass storage $\rightarrow$ Save.
2. Press $[\mathbf{\Phi}]$ 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 PC Studio and copy files from the PC to the phone.
Refer to the Samsung PC Studio help for more information.

## Copy music files to a memory card

1. Insert a memory card.
2. In Menu mode, select Settings $\rightarrow$ Phone settings $\rightarrow$ PC connections $\rightarrow$ Mass storage $\rightarrow$ Save.
3. Press $[\mathbf{\Phi}]$ 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.

## Synchronise your phone with Windows

 Media Player1. Insert a memory card (if necessary).
2. In Menu mode, select Settings $\rightarrow$ Phone settings $\rightarrow$ PC connections $\rightarrow$ Media player $\rightarrow$ Save.
3. Press $[\mathbf{\sigma}]$ to return to Idle mode.
4. 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 will appear on the PC.
5. Open Windows Media Player to synchronise music files.
6. Edit or enter your phone's name in the pop-up window (if necessary).
7. Select and drag the music files you want to the sync list.
8. Start synchronisation.

## Create a playlist

1. In Menu mode, select Music player $\rightarrow$ Playlists
2. Select Create.
3. Select the text input field, 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 $\rightarrow$ Tracks.
8. Select the files you want to include and select Add.

## Customise your music player settings

1. In Menu mode, select Music player.
2. Select Settings.
3. Adjust the settings to customise your music player:

| Option | Function |
| :--- | :--- |
| Background <br> playing | Set whether to play music in the <br> background when you end the <br> music player |
| Sound effects | Select the default equaliser type |
| Music menu | Select music categories to <br> display in the music library screen |

4. Select Save.

## Record songs from the FM radio

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 More $\rightarrow$ Record to start recording.
5. When you are finished recording, select Stop. The music file will be saved in Radio clips (in Menu mode, select My files $\rightarrow$ Sounds).

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

## Store radio stations automatically

1. Plug the supplied headset into the phone's headset jack.
2. In Menu mode, select FM radio.
3. Select More $\rightarrow$ Self-tuning.
4. Select Yes to confirm (f 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 information of music

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

1. In Menu mode, select Find music.
2. Select Find music to connect to the server.
3. When your phone is successfully registered, select - to record a part of music you want to find.

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


# using tools and applications 

Leam how to work with your mobile phone's tools and addilional applications.

## 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.
3. To allow other devices to locate your phone, select Settings $\rightarrow$ On under My phone's visibility $\rightarrow$ a visibility option $\rightarrow$ Save. If you selected Custom, set duration that your phone is visible.
4. Select Save.

Find and pair with other Bluetoothenabled devices

1. In Menu mode, select Bluetooth $\rightarrow$ Search
2. Select a device icon.
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.

You may not need to enter a PIN depending on the device.

Send data using the Bluetooth wireless feature

1. Select the file or item from one of your phone's applications that you want to send.
2. Select Send via or Send URL via $\rightarrow$ Bluetooth or select More $\rightarrow$ Send namecard via $\rightarrow$ Bluetooth.

## Receive data using the Bluetooth

 wireless feature1. Enter the PIN for the Bluetooth wireless feature 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 card on your phone.
To activate Remote SIM mode,

1. In Menu mode, select Bluetooth $\rightarrow$ Settings.
2. Select On under Remote SIM mode.
3. Select 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)

Learn to activate and connect to a wireless LAN.
This 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 a WLAN

1. In Menu mode, select $\mathrm{Wi}-\mathrm{Fi}$.
2. Select the circle in the centre to activate a WLAN.

The activated WLAN in the background will consume battery power. To preserve battery power, activate the WLAN only when needed.

## Search for and connect to a WLAN

1. In Menu mode, select $\mathrm{Wi}-\mathrm{Fi} \rightarrow$ Search.
2. Select a network icon $\rightarrow$ Add and add a connection profile.

- If the network you want needs an IP address, subnet mask, DNS, or gateway information, select Advanced settings.
- Wi-Fi security should be set as the selected network configuration and 802.1x (EAPTTLS, PEAP) is supported.

3. In Menu mode, select Internet or Communities, or in Idle mode, select a web-based widget.

You must change the connection profile to the method you added to access the internet via the WLAN profile.
4. Select and drag a network icon into the centre (if necessary).
Your phone connects to the network using the connected WLAN profile.

## Activate and send an SOS message

When you have an emergency, you can send an SOS message asking for help.

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

1. In Menu mode, select Messages $\rightarrow$ SOS messages $\rightarrow$ Sending options.
2. Select On to turn on the SOS messaging feature.
3. Select the recipient field to open the recipient list.
4. Select Contacts to open your contact list.

5．Select the contacts you want and select Add．
6．Select a number（if necessary）．
7．When you are finished selecting contacts，select OK to save the recipients．
8．Select the Once drop－down menu and select the number of times to repeat the SOS message．

## 9．Select Save $\rightarrow$ Yes．

To send an SOS message，the touch screen and the keys must be locked．Press the Volume key four times．

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Once you send an SOS message，all phone functions will be suspended until you press and hold［ $\mathbf{\theta}$ ］or press $[\mathbf{\nabla} \mathbf{\nabla}$ ］．

## 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 two recipients to help you locate and recover your phone．To activate the mobile tracker，

1．In Menu mode，select Settings $\rightarrow$ Security $\rightarrow$ Mobile tracker．

2．Enter your password and select Confirm．
3．Select On to turn on the mobile tracker．
4．Select the recipient field to open the recipient list．
5．Select the recipient input field．
6．Enter a phone number and select Done．
7．Select OK to save the recipients．
8．Select the sender input field．
9．Enter the sender＇s name and select Done．
10．Select Save $\rightarrow$ Accept．

## 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.

## Make a fake call

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

1. In Menu mode, select Settings $\rightarrow$ Application settings $\rightarrow$ Call $\rightarrow$ Fake call $\rightarrow$ Fake call voice
2. Select On under Fake call voice.
3. Select Voice recording
4. Select $\mathbf{O}$ to start recording.
5. Speak into the microphone.
6. When you are finished speaking, select
7. Press the Back key.
8. Select Save to set the recording as a response for the fake call.

Change the time delay before fake calls

1. In Menu mode, select Settings $\rightarrow$ Application settings $\rightarrow$ Call $\rightarrow$ Fake call $\rightarrow$ Fake call timer.
2. Select an option $\rightarrow$ Save

## Record and play voice memos

Learn to operate your phone's voice recorder.

## Record a voice memo

1. In Menu mode, select Voice recorder.
2. Select $\mathbf{O}$ 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 Voice recorder $\rightarrow$ My voice clips.
2. Select a file.
3. Control playback using the following icons:

| Icon | Function |
| :---: | :--- |
| $\boldsymbol{1}$ | Pause playback |
| $\boldsymbol{M}$ | Play or resume playback <br> (touch and hold) |
| $\boldsymbol{l}$ | Skip forward; Scan forward in a file (touch <br> and hold) |

## Edit images

Learn to edit images and apply fun effects.

## Apply effects to images

1. In Menu mode, select My files $\rightarrow$ Images and select an image.
2. Select 7 .
3. Select Edit $\rightarrow$ Effects $\rightarrow$ an effect option (filter, style, warp, or partial blur).
4. Select a variation of the effect to apply and select Done.
To apply a blur effect to a specific area of an image, draw a rectangle and select Blur $\rightarrow$ Done.
5. When you are finished, select Files $\rightarrow$ Save as
6. Select a memory location (if necessary).
7. Enter a new file name for the image and select Done.

## Adjust an image

1. Open an image to be edited. Refer to steps 1-2 of "Apply effects to images."
2. Select Edit $\rightarrow$ Adjust $\rightarrow$ an adjustment option (brightness, contrast, or colour).
To adjust the image automatically, select Auto level.
3. Adjust the image as desired and select Done.
4. Save the edited image with a new file name. Refer to steps 5-7 of "Apply effects to images."

## Transform an image

1. Open an image to be edited. Refer to steps 1-2 of "Apply effects to images."
2. Select Edit $\rightarrow$ Transform $\rightarrow$ Resize, Rotate, or Flip.
3. Rotate or flip the image as desired and select Done.
To resize the image, select a size $\rightarrow$ Save $\rightarrow$ Done.
4. Save the edited image with a new file name. Refer to steps 5-7 of "Apply effects to images."

## Crop an image

1. Open an image to be edited. Refer to steps 1-2 of "Apply effects to images."
2. Select Edit $\rightarrow$ Crop.
3. Draw a rectangle over the area you want to crop and select Crop $\rightarrow$ Done.
4. Save the edited image with a new file name. Refer to steps 5-7 of "Apply effects to images."

## Insert a visual feature

1. Open an image to be edited. Refer to steps 1-2 of "Apply effects to images."
2. Select Edit $\rightarrow$ Insert $\rightarrow$ a visual feature (frame, image, clip art, emoticon, or text).
3. Select a visual feature, or enter text and select Done.
4. Move or resize the visual feature or text and select Done.
5. Save the edited image with a new file name. Refer to steps 5-7 of "Apply effects to images."

Add a sketch by handwriting

1. Open an image to be edited. Refer to steps 1-2 of "Apply effects to images."
2. Select a colour, draw a sketch on the screen, and select Done.
3. Save the edited image with a new file name. Refer to steps 5-7 of "Apply effects to images."

## Print images

Learn to print your images with a USB connection or the Bluetooth wireless feature.

To print an image using a USB connection,

1. Connect the multifunction jack on your phone to a compatible printer.
2. Open an image. p. 33
3. Select More $\rightarrow$ Print via $\rightarrow$ USB.
4. Set print options and print the image.

To print an image using the Bluetooth wireless feature,

1. Open an image. p. 33
2. Select More $\rightarrow$ Print via $\rightarrow$ Bluetooth.
3. Select a Bluetooth-enabled printer and pair with the printer. p. 54
4. Set print options and print the image.

## Edit videos

Learn to edit video files and apply visual effects.
Make a new video

1. In Menu mode, select Video editor.
2. Select Files $\rightarrow$ Import image or Import video $\rightarrow$ an image or video category $\rightarrow$ an image or video $\rightarrow$ Add.
3. If you choose to add an image, select the duration for which the image will appear.
4. Select More $\rightarrow$ Files to add more images or videos.
5. To add a new audio track, select Additional audio track $\rightarrow$ Import sound $\rightarrow$ a sound $\rightarrow$ Add.
6. To insert a transition effect between image or video clips, select Edit $\rightarrow$ Insert $\rightarrow$ Transition $\rightarrow$ an effect $\rightarrow$ Select. You can apply a special effect to image or video clips by selecting More $\rightarrow$ Effects $\rightarrow$ an effect $\rightarrow$ Select.
7. When you are finished, select More $\rightarrow$ Export $\rightarrow$ Video $\rightarrow$ Yes.
To save the project for future use, select More $\rightarrow$ Files $\rightarrow$ Save project. The project will be saved in Other files.
8. Enter a new file name and select Done.
9. To check the file, select Yes (if necessary).

## Trim any segment of videos

1. In Menu mode, select Video editor.
2. Select Files $\rightarrow$ Import video $\rightarrow$ a video category $\rightarrow$ a video $\rightarrow$ Add.
3. Select Edit $\rightarrow$ Trim .
4. Select to play the video and select Start mark at the point where you want the new video to begin.
5. Select End mark at the point where you want the new video to end.
6. Select Trim.
7. Save the edited video with a new file name. Refer to steps 7-9 in "Make a new video."

## Split videos

1. In Menu mode, select Video editor.
2. Select Files $\rightarrow$ Import video $\rightarrow$ a video category $\rightarrow$ a video $\rightarrow$ Add.
3. Select Edit $\rightarrow$ Split.
4. Select to play the video and select Split point $\rightarrow$ Split to divide the file into two clips.
5. Insert an image or video as desired between the clips.
6. Save the edited video with a new file name. Refer to steps 7-9 in "Make a new video."

## Insert text

Inserting text to a video may be unavailable depending on your service provider.

1. In Menu mode, select Video editor.
2. Select Files $\rightarrow$ Import video $\rightarrow$ a video category $\rightarrow$ a video $\rightarrow$ Add
3. Select Edit $\rightarrow$ Insert $\rightarrow$ Text.
4. Select to play the video and select Start mark at the point where you want the text to appear.
5. Select End mark at the point where you want the text to disappear.
6. Select Insert.
7. Enter text and select Done.
8. Move the text and select Done

To change the text colour, select Colour.
9. Save the edited video with a new file name. Refer to steps 7-9 in "Make a new video."

## Make or copy components in a video

1. In Menu mode, select Video editor.
2. Select Files $\rightarrow$ Import image or Import video $\rightarrow$ an image or video category $\rightarrow$ an image or video $\rightarrow$ Add
3. If you choose to add an image, select the duration for which the image will appear.
4. To add a new audio track, select Additional audio track $\rightarrow$ Import sound $\rightarrow$ a sound category $\rightarrow$ a sound $\rightarrow$ Add.
5. Select the video or audio component you want to move or copy.

> For audio, you can copy or move only imported audio components.
6. Select Edit $\rightarrow$ Cut or Copy .
7. Select the point where you want to insert the component.
8. Select Edit $\rightarrow$ Paste
9. Save the edited video with a new file name. Refer to steps 7-9 in "Make a new video."

## Upload photos and videos to the web

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


Communities may be unavailable depending on your region or service provider.

## Set your favourite destination list

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

(B)
The first time you access Communities, you will be prompted to confirm.
4. Select the destinations you want to add and select Save
If you selected Update blog lists, new destination sites are added to the list automatically.

## Upload a file

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

1. In Menu mode, select Communities.
2. Select Upload to web.
3. Select a destination you want to post to.
4. Select Tap to add $\rightarrow$ a media file.
5. Enter the post details and select Upload.
6. Enter the user ID and password of the destination (if necessary).

You can also upload media files from Camera or My files by selecting or selecting More $\rightarrow$ Upload to web.

View a file

1. In Menu mode, select Communities.
2. Select a website or blog to view files.
3. Enter the user ID and password of the destination (if necessary).

## Customise 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 |
| Upload <br> reservation | Set your phone to upload files to <br> a destination automatically at the <br> scheduled time |
| Account <br> manager | Log in to a website or blog or log <br> out |
| Disclaimer | View the disclaimer information |

## Use Java-powered games and applications

Learn to use games and applications powered by award-winning 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 and more $\rightarrow$ More games.
Your phone connects to the website preset by your service provider.
2. Search for a game or application and download it to the phone.

## Play games

1. In Menu mode, select Games and more.
2. Select a game from the list and follow the onscreen instructions.


Available games may vary depending on your service provider or region. Game controls and options may vary.

## Launch applications

1. In Menu mode, select Games and more.
2. Select an application from the list and follow the on-screen instructions.

## Synchronise data

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

## Synchronise data with a web server

To create a synchronisation profile,

1. In Menu mode, select Synchronise.
2. Select Add and specify profile parameters.
3. When you are finished, select Save.

To start synchronisation,

1. In Menu mode, select Synchronise.
2. Select a synchronisation profile.
3. Select Continue to start synchronisation with the web server you have specified.

## Synchronise data with a Microsoft Exchange server

You may only use the Microsoft ${ }^{\circledR}$ Exchange ActiveSync ${ }^{\circledR}$ feature in this phone with a service that is licensed by Microsoft Corporation to use Microsoft ${ }^{\circledR}$ Exchange ActiveSync ${ }^{\circledR}$.

To set a Microsoft Exchange server and synchronisation profile,

1. In Menu mode, select Exchange ActiveSync.
2. Specify Microsoft Exchange server settings.
3. Select Save.
4. Select Create, specify profile parameters, and then select Save (if necessary).
5. Select an Exchange ActiveSync profile. Synchronisation with the Microsoft Exchange server you have specified starts.


You may incur additional charges for accessing the server.

To synchronise all items,

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

(B)
If you synchronise all items, you may incur charges for updating unnecessary items.

To synchronise emails only,

1. In Menu mode, select Exchange ActiveSync.
2. Select Email $\rightarrow$ Inbox $\rightarrow$ Sync $\rightarrow$ Email.

## 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 set daylight saving time, select .
5. Select OK to create your world clock. The world clock is set as the second clock.
6. Select Add to add more world clocks (step 3).

## 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 a world clock,

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-up 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 Stop to stop the alarm with snooze or 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 Convertor $\rightarrow a$ 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 hours or minutes 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 Stopwatch.
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 Task.
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 $\rightarrow$ View by day or View by week.

Create an event

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

View events
To view events of 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 all saved events,

1. In Menu mode, select Calendar.
2. Select Schedule list.
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, <br> you must enter the password you set for <br> the phone. |
| PIN | When using the phone for the first time or <br> when the PIN requirement is enabled, you <br> must enter the PIN supplied with the SIM <br> card. You can disable this feature by using <br> the PIN lock menu. |


| Code | Try this to solve the problem: <br> Your SIM card is blocked, usually as a <br> result of entering your PIN incorrectly <br> several times. You must enter the PUK <br> supplied by your service provider. |
| :--- | :--- |
| PIN2 | When you access a menu requiring the <br> PIN2, you must enter the PIN2 supplied <br> with the SIM card. For details, contact <br> 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 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 dialled.

- Ensure that you have pressed the Dial key: [几].
- 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 dialled.

- 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.

## index

alarms
creating, 70
deactivating, 70
stopping, 70
battery
charging, 18
installing, 16
low battery indicator, 18
Bluetooth
activating, 53
receiving data, 54
remote SIM mode, 55
sending data, 54
browser
see web browser
calculator
see tools, calculator
calendar
see tools, calendar
calls
advanced functions, 39
answering additional calls, 40
answering, 27
basic functions, 27
dialling additional calls, 40
dialling missed calls, 39
from the phonebook, 41
international numbers,41
making fake calls, 58
making, 27
multiparty, 40
placing on hold, 40
recently dialled, 39
retrieving held calls, 40
viewing missed, 39
clock
see world clock
Communities
see tool, mobile blog
conference calls
see calls, multiparty
contacts
adding, 32
creating groups, 42
finding, 32
converter
see tools, convertor
countdown timer
see tools, countdown timer
fake calls
see calls, making fake calls
FM radio
listening to, 34
recording songs, 51
storing station, 51
headset 28
images
adding memos, 61
adjusting, 60
applying effects, 59
cropping, 60
inserting visual features, 61
printing, 61
transforming, 60
internet
see web browser
Java
accessing applications, 67
downloading, 67
launching games, 67
key tones 24
lock
see phone lock
memo
see text or voice memos
memory card 19
messages
sending email, 29
sending multimedia, 28
sending text, 28
viewing email, 31
viewing multimedia, 31
viewing text, 31
Microsoft Exchange synchronisation 68
mobile tracker 57
multimedia
see messages
music finding 52
music player
creating playlists, 50
customising, 50
listening to music, 35
synchronising, 49
namecards 42
offline profile 21
phone lock 26
photos
advanced capturing, 44
basic capturing, 32
editing, 59
viewing, 33
radio

## see FM radio

ringtone 25
Samsung PC Studio 48
silent profile 25
SIM card 16
SOS message 56
stopwatch
see tools, stopwatch
synchronisation
creating a profile, 68
starting, 68
task
see tools, task
templates
inserting, 44
multimedia, 43
text, 43
text
creating memos, 72
entering, 29
messages, 28
timer
see tools, countdown timer
tools
alarm, 70
calculator, 71
calendar, 72
convertor, 71
countdown timer, 71
image editor, 59
mobile blog, 65
stopwatch, 71
task, 71
video editor, 62
videos
capturing, 33
editing, 62
viewing, 34
voice memos
playing, 59
recording, 58
volume
call volume, 28
key tone volume, 24
wallpaper 25
web browser adding bookmarks, 36
launching homepage, 36
widgets 23
Windows Media Player 49
world clock
creating, 69
setting dual display, 70

## Declaration of Conformity (R\&TTE)

## We, Samsung Electronics

declare under our sole responsibility that the product

## GSM Mobile Phone : GT-S5560

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

| SAFETY | EN 60950-1: $2001+$ A11:2004 |
| :---: | :---: |
| SAR | EN 50360: 2001 |
|  | EN 62209-1: 2006 |
| EMC | EN 301 489-01 V1.6.1 (09-2005) |
|  | EN 301 489-07 V1.3.1 (11-2005) |
|  | EN 301 489-17 V1.2.1 (08-2002) |
| RADIO | EN 301511 V9.0.2 (03-2003) |
|  | EN 300328 V1.7.1 (10-2006) |

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Forsyth House,
Churchfield Road,
Walton-on-Thames
Surrey, KT12 2TD, UK* ( 60168 ①

The technical documentation kept at

```
Samsung Electronics QA Lab.
```

which will be made available upon request.
(Representative in the EU)
Samsung Electronics Euro QA Lab.
Blackbushe Business Park, Saxony Way,
Yateley, Hampshire, GU46 6GG, UK* 2009.09.24

Yong-Sang Park / S. Manager
(place and date of issue) (name and signature of authorised person)

* It is not the address of Samsung Service Centre. For the address or the phone number of Samsung Service Centre, see the warranty card or contact the retailer where you purchased your product.

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

## SAMSUNG ELECTRONICS


[^0]:    You can use a wide keyboard when you rotate the phone anti-clockwise to landscape view when entering text.

