- Some of the contents in this manual may differ from your phone ending on the software of the phone or your service provider
- Third party services may be terminated or interrupted at any time and Samsung makes no representation or warranty that any content or service will remain available for any period of time
- This product includes certain free/open source software. The exact terms of the licenses, disclaimers, acknowledgements and notices are available on the Samsung's website opensource.samsung.com.

www.samsung.com

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- Use your device to call for help. Dial a local emergency number in the case of fire, traffic accident, or medical emergencies.
- 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
- accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or another special, nonemergency number

Proper care and use of your mobile device

- Liquids will change the colour of the label that indicates water

Do not store your device in hot or cold areas. Use your device

- inside temperature can reach up to 80 °C.
- of time (such as on the dashboard of a car)
- Store the battery at 0 °C to 40 °C.

Warning: Prevent electric shock, fire, and explosion

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

Do not touch the power cord with wet hands, or disconnect the charger by pulling on the cord

Do not bend or damage the power cord

Safety precautions

Do not use your device while charging or touch your device with wet hands

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

Do not use your device during a thunderstorm

Your device may malfunction and your risk of electric shock is

Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery For safe disposal of your Li-lon batteries, contact your nearest

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

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
- 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.

and overheating.

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.

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

· To minimise the possible interference with a pacemaker, use your

Do not use your device in a hospital or near medical equipment

device on the opposite side of your body from the pacema

nufacturer of the equipment to ensure the safety of your

If you are using a hearing aid, contact the manufacturer for

Some hearing aids may be interfered with by the radio frequency of

your device. Contact the manufacturer to ensure the safety of your

Turn off your device in potentially explosive environments instead of removing the battery.

potentially explosive environments.
 Do not use your device at refuelling points (service stations), near

materials in the same compartment as the device, its parts, or

Turn off the device in potentially explosive environments

· Always comply with regulations, instructions and signs in

fuels or chemicals, and at blasting areas. Do not store or carry flammable liquids, gases, or explosive

Turn off your device when in an aircraft

accessories.

that can be interfered with by radio frequency

equipment from radio frequency.

information about radio interference

If you personally use any medical equipment, contact the

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

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 se 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.
- Position your device within easy 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 help others in emergencies. If you see an
- number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic

Keep your device dry

- Humidity and all types of liquids may damage device parts or electronic circuits.
- Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service centre
- 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.

- · Your device can explode if left inside a closed vehicle, as the
- Do not expose your device to direct sunlight for extended periods

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

- 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
- 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

- · 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
- Do not use your device or applications for a while if the device

Prolonged exposure of your skin to an overheated device may cause low temperature burn symptoms, such as red spots and

If your device has a camera flash or light, 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.

Use caution when exposed to flashing lights

· While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.

 Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing Flash-based games for extended periods. If you feel any discomfort, stop using the device

Reduce the risk of repetitive motion injuries

When you repetitively perform actions, such as pressing keys drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician

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

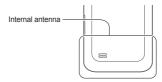
Do not bite or suck on the device or the battery

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

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.



Protect your hearing and ears when using a headset

- Excessive exposure to loud sounds can cause Exposure to loud sounds while driving may distract
- vour attention and cause an acciden 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.
- In dry environments, static electricity can build up in the headset. Avoid using headsets in dry environments or touch a metal object to discharge static electricity before connecting a headset to the device

Use caution when using the device while walking or moving Always be aware of your surroundings to avoid injury to yourself or

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

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

- rer's warranty. For service, take your device to a Samsung Service Centre
- · Do not disassemble or puncture the battery, as this can cause

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 Centre 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 unqualified personnel to service your device may result in

Do not remove a card while the device is transferring or

damage to your device and will void your manufacturer's warranty. Handle SIM cards or memory cards with care

- 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 electrica
- noise from other devices · 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 device may not be possible in some

Keep your personal and important data safe

Samsung is not responsible for data loss.

areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services

· When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information

Do not distribute copyright-protected material Do not distribute copyright-protected material that you have recorded to others without the permission of the content owners Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of

While using your device, be sure to back up important data

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 0.355 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

Correct disposal of this product

sustainable reuse of material resources.

(Waste Electrical & Electronic Equipment)

working life

(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 1-0 (e.g. charger, headset, USB cable) should not be posed of with other household waste at the end of their

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

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 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



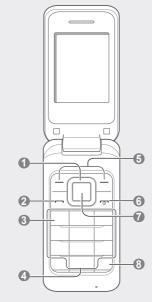
 (Applicable in the European Union and other European countries with separate battery return systems) This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb

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.

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

Phone layout



0 4-way navigation key In Idle mode, access userdefined menus: In Menu

Depending on your service provider, pre-defined menus may differ

mode, scroll through menu



options

Idle mode retrieve recently dialled, missed, or received numbers: 6

Voice mail service key

In Idle mode, access voice



Turn the phone on and off (press and hold); End a call; In Menu mode, cancel input and return to Idle mode

Confirm key In Idle mode, access Menu

In Menu mode, select the highlighted menu option or confirm an input

Silent profile key In Idle mode, activate or deactivate the silent profile

(press and hold)

C € 0168

Softkeys Perform actions indicated at the bottom of the display



6

mode: Launch the web browser (press and hold);

0

Depending on your service provider or region, the key may perform differently

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

lcon	Description	Icon	Description
0	No signal		FM radio suspended
74	Signal strength	95	Music playback in
Q	Network searching	- 00	progress
G	GPRS network connected	97	Music playback paused
	EDGE network connected	¥	New text message (SMS)
S	Call in progress		New multimedia message (MMS)
0	Browsing the web		New email message
(A	Connecting to secured web page	⊠	New configuration message
B	Roaming (outside of normal service area)	⊠	New push message
ð	Call diverting activated	8	New voice mail message
?	No SIM card	Q	Normal profile activated
*	Bluetooth activated	•	Silent profile
	Alarm activated		activated
	Memory card	(IIIII)	Battery power level
	inserted	10:00	Current time
60	FM radio on		

Call a recently dialled number

2. Scroll left or right to select a call type.

To adjust the volume of the ringtone

2. Scroll to the profile you are using

[] to dial the number

Adjust the volume

3. Press <**Edit>** → **Volume**.

or down to adjust the volume.

normal phone mode

4 Scroll to Call alert

press <Save>.

numbers

1. In Idle mode, press [-] to display a list of recent

4. Press the Confirm key to view details of the call or

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

If you are using the silent profile, you are not

allowed to adjust the volume of the ringtone

5. Scroll left or right to adjust the volume level and

To adjust the volume of voice during a call

While a call is in progress, press the Navigation key up

In noisy environments, you may have difficulty

hearing the calls while using the speakerphone

feature. For better audio performance, use the

3. Scroll up or down to select a number or name.

Install the SIM card and battery

1. Remove the back cover and insert the SIM card





2. Insert the battery and replace the back cover.





Charge the battery

1. Plug a travel adapter into the multifunction iack.

To AC power outlet

Change your ringtone

2. Scroll to the profile you are using.

allowed to change the ringtone

3. Press <Edit> → Voice call ringtone

5. Select a ringtone

2. Press < Edit>

screen

shortcuts

4. Select a memory location (if necessary).

Use the smart home screen

screen to fit your preferences and needs.

To add items to the smart home screen

3. Select the items to display on the smart home

For the shortcuts toolbar, you can add or delete

the shortcuts as desired. Press <0ptions> \rightarrow Edit

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

The smart home screen allows you to access your

events or tasks. You can customise the smart home

favourite applications and contacts and view upcoming

Navigation key does not work as shortcuts.

1. In Menu mode, select Settings \rightarrow Display \rightarrow Smart

home and scroll left or right to a smart home screen

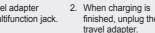
When you are using the smart home screen, the

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

If you are using the silent profile, you are not

finished, unplug the travel adapter







You can change the idle screen to another style

In Menu mode, select Settings → Display —

Smart home and scroll left or right to a style

Press the Navigation key to scroll through the items on

the smart home screen and press the Confirm key to

· Press and hold [#] to switch between T9 and ABC

modes. Depending on your country, you may be able

to access an input mode for your specific language.

Press [#] to change case or switch to Number mode.

• Press and hold [x] to select an input mode or change

1. Press the appropriate alphanumeric keys to enter an

2. When the word displays correctly, press [0] to insert

a space. If the correct word does not display, press

the Navigation key up or down to select an alternate

• Do not remove the battery from the phone

before unplugging the travel adapter first.

Otherwise, the phone may be damaged.

• To save energy, unplug the travel adapter when

a power switch, so you must unplug the travel

supply. The travel adapter should remain close

adapter from the outlet to interrupt the power

to the socket when in use.

manufacturer and type).

1. Remove the back cover

Insert a memory card (optional)

Your phone accepts microSD™ or microSDHC™

memory cards up to 16 GB (depending on memory card

· Formatting the memory card on a PC may

the memory card only on the phone.

· Frequent writing and erasing of data will

shorten the life span of memory cards.

2. Insert a memory card with the gold-coloured

cause incompatibility with your phone. Format

not in use. The travel adapter does not have

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

4. Press **Options** \rightarrow **Save**.

To access the smart home items

To change the text input mode

• Press [*] to switch to Symbol mode.

5. Press the Confirm key.

you want.

select an item

Enter text

ABC mode

Press an appropriate alphanumeric key until the character you want appears on the display.

Instructional icons

information

Note: notes, usage tips, or additional

followed by Create message)

Turn your phone on or off

To turn your phone on.

1. Press and hold [1].

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,

Square brackets: phone keys: for example:

example: <OK> (represents the OK softkey)

[o] (represents the Power/End key)

Angled brackets: softkeys that control

different functions at each screen: for

2. Enter your PIN and press < Confirm > (if necessary).

If the battery remains fully discharged or

To turn your phone off, repeat step 1 above.

removed from the device, the time and date will

Press an appropriate alphanumeric key to enter a

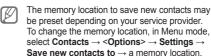
Symbol mode

Press an appropriate alphanumeric key to enter a symbol



- · To move the cursor, press the Navigation key. To delete characters one by one, press <Clear>. To delete all of the characters, press and hold <Clear>
- To insert a space between characters, press [0].
- To change the line, press [0] three times.
- To enter punctuation marks, press [1].

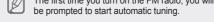
Add a new contact



- 1. In Idle mode, enter a phone number and press <Ontions>
- 2. Select Add to Contacts \rightarrow Create contact \rightarrow a memory location (if necessary).
- 3. Select a number type (if necessary).

Listen to the FM radio

- Plug a headset into the phone.
- 2. In Menu mode, select Apps → FM radio.
- 3. Press the Confirm key to start the FM radio.
- 4. Press < Yes > to start automatic tuning.
- The radio scans and saves available stations automatically. The first time you turn on the FM radio, you will



5. Control the FM radio using the following keys:

Key	Function
Confirm	Turn the FM radio on or off
Navigation	Left/Right: Fine-tune the frequency; Search for an available radio station (press and hold) Up/Down: Adjust the volume

Access menus

To access your phone's menus.

- 1. In Idle mode, press < Menu> to access Menu mode.
- You may need to press the Confirm key to access Menu mode depending on your region or service provide
- 2. Use the Navigation key to scroll to a menu or
- 3. Press < Select > or the Confirm key to confirm the highlighted option
- 4. Press <Back> to move up one level; Press [つ] to return to Idle mode



- When you access a menu requiring the PIN2. you must enter the PIN2 supplied by the SIM card. For details, contact your service provider.
- Samsung is not responsible for any loss of passwords or private information or other damages caused by illegal software.

Make a call

- 1. In Idle mode, enter an area code and a phone
- 2. Press [] to dial the number.
- 3. To end the call, press [].

Answer a call

- 1. When a call comes in, press [-].
- 2. To end the call, press [つ].

4 Enter contact information

5. Press the Confirm key or press <**Options** $> \rightarrow$ **Save** to add the contact to memory

Send and view messages

To send a text message or multimedia message

- 1. In Menu mode, select $Messages \rightarrow Create$ message
- 2. Enter a recipient number and scroll down.
- 3. Enter the message text. See "Enter text." For sending as a text message, skip to step 5. For attaching multimedia, continue with step 4.
- 4. Press <Options> → Add multimedia and add an item.
- 5. Press the Confirm key to send the message.

To view a text or multimedia messages

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

Make fake calls

You can simulate an incoming call when you want to get out of meetings or unwanted conversations

To activate the fake call feature

In Menu mode, select **Settings** → **Call** → **Fake call** → Fake call hot key → On.

To make a fake call

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

Activate the mobile tracker

This feature helps track your phone when it is stolen or when someone tries to use your phone using other SIM card, the phone will automatically send the preset tracking message to family or friends. This feature may be unavailable due to certain features supported by your service provider.

To activate the mobile tracker,

- 1. In Menu mode, select **Settings** → **Security** → Mobile tracker
- 2. Enter a new 4- to 8-digit password and press <NK>
- 3. Enter the new password again and press <OK>. 4. Select Settings.
- 5. Enter a new 8-digit password for the mobile tracker and press <OK>

recipient list.

- 6. Enter the new password again and press < OK >. 7. Press the Confirm key to turn on the mobile tracker
- feature. 8. Scroll down and press the Confirm key to open the
- 9. Press <Search> → <Add> to select a recipient in your contact list.
- You can also enter phone numbers including a country code (with +) in the recipient list.
- 10. When you are finished selecting contacts, press

11. Scroll down and enter the sender's name. 12. Press the Confirm key → < Accept>



To change the password for the mobile tracker. select Change mobile tracker 2.0 password.

Use the camera

To capture photos

- 1. In Menu mode, select Camera 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.
- 4. Press the Confirm key to take a photo. The photo is saved automatically

To view photos

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

To capture videos

- 1. In Menu mode, select Camera to turn on the camera.
- 2. Rotate the phone anti-clockwise to landscape view.
- 3 Press [1] to switch to the camcorder Aim the lens at the subject and make any adjustments.
- 4. Press the Confirm key to start recording.
- 5. Press the Confirm key or **<Stop>** to stop recording. The video is saved automatically.

To view videos

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

Listen to music

the input language.

T9 mode

entire word.

- 1. In Menu mode, select Music.
- Select a music category → a music file.
- 3. Control playback using the following keys: Function

	rvey	i unction
	Confirm	Pause or resume playback
	Navigation	 Left: Skip backward; Scan backward in a file (press and hold) Right: Skip forward; Scan forward in a file (press and hold) Up/Down: Adjust the volume
	1	Activate the 5.1 channel surround sound system when a headset is plugged
	2	Select a sound effect
	3	Activate or deactivate Shuffle mode
	4	Change the repeat mode



	Key	Function
	Confirm	Turn the FM radio on or off
	Navigation	Left/Right: Fine-tune the frequency; Search for an available radio station (press and hold) Up/Down: Adjust the volume

