

- **Daily Board:** Set the device to show a slideshow with selected features while charging. Refer to [Daily Board](#) for more information.
 - **Accessories:** Change the accessory settings.
 - **Video call effects:** Set to use the feature that changes the background or block background noise during video calls. Refer to [Video call effects](#) for more information.
 -  • This feature is only available in some apps.
 - Some features may not be available depending on the model.
 - **Dual Messenger:** Install a second copy of a messenger app and use two separate accounts for the same app. Refer to [Dual Messenger](#) for more information.
-  Some features may not be available depending on the carrier or model.

Motions and gestures

Turn on the motion feature and configure settings.

On the Settings screen, tap **Advanced features** → **Motions and gestures**.

- **Double tap to turn on screen:** Set the device to turn on the screen by double tapping anywhere on the screen while the screen is turned off.
- **Double tap to turn off screen:** Set the device to turn off the screen by double tapping an empty area on the Home screen or the locked screen.
- **Keep screen on while viewing:** Set the device to prevent the display from turning off while you are looking at it.
- **Cover screen to mute:** Set the device to mute certain sounds by using motions or gestures.
- **Palm swipe to capture:** Set the device to capture a screenshot when you swipe your hand to the left or right across the screen. You can check the captured images in **Gallery**. It is not possible to capture a screenshot while using some apps and features.

 Excessive shaking or an impact to the device may cause an unintended input for some features using sensors.

Video call effects

You can use features that change the background or block background noise during video calls.

On the Settings screen, tap **Advanced features** → **Video call effects** and tap the switch to turn it on. The  icon will be added on the video calling app's screen.

Using video call effects

On the video calling app's screen, tap .

- **Reset all:** Reset the settings.
 - **Background:** Change or blur the background during video calls.
 - **Face:** Apply beauty effects to the face.
 - **Colour tone:** Adjust the screen's colour tone and brightness.
 - **Auto framing:** Turn the auto framing feature on or off. When you turn on this feature, the device changes the shooting angle and zoom automatically by recognizing and tracking people during video calls.
 - **Mic mode:** Block background noise to make the sound clearer.
 - **Standard:** Remove noise so that it sounds like a normal voice call.
 - **Voice focus:** Focus on the sound coming from the direction of the front camera.
 - **All sound:** Transmit all the sounds around you, such as the sound of music.
 - : Select or add background colours or images to use during video calls.
-  • Some features may not be available depending on the model.
- Some features are available only when using the front camera.

Dual Messenger

Install a second copy of a messenger app and use two separate accounts for the same app.

- 1 On the Settings screen, tap **Advanced features** → **Dual Messenger**.
Supported apps will appear.
- 2 Tap the switch of an app to install the second app.
The second app will be installed. The second app's icon will be displayed with .



-  • The Dual Messenger feature may not be available depending on the app.
- Some features of the app may be limited for the second app.

Uninstalling a second app

- 1 On the Settings screen, tap **Advanced features** → **Dual Messenger**.
- 2 Tap the switch of the app you want to uninstall and tap **Uninstall**.
All data related to the second app will be deleted.

-  If you uninstall the first app, the second app will also be deleted.

Digital Wellbeing and parental controls

Check the history of your device usage and use features to prevent your device from interfering with your life. You can also set up parental controls for your children and manage their digital use.

On the Settings screen, tap **Digital Wellbeing and parental controls**.

- **Screen time goal:** Set goals for how much you use your device a day.
- **App timers:** Limit the daily usage time for each app by setting a timer. When you reach the limit, the app will be turned off and you cannot use it.
- **Driving monitor:** Turn on the driving monitor to monitor the amount of the time you use your device while driving.
- **Volume monitor:** Turn on the volume monitor to protect your hearing.
- **Parental controls:** Manage your children's digital use.

Battery and device care

Introduction

The device care feature provides an overview of the status of your device's battery, storage, memory, and system security. You can also optimize the device.

Optimizing your device

On the Settings screen, tap **Battery and device care** → **Optimize now**.

The quick optimization feature improves device performance through the following actions.

- Closing apps running in the background.
- Managing abnormal battery usage.
- Scanning for crashed apps and malware.

Battery

Check the remaining battery power and time to use the device. For devices with low battery levels, conserve battery power by turning on power saving features.

On the Settings screen, tap **Battery and device care** → **Battery**.

- **Power saving:** Turn on power saving mode to extend the battery's usage time.
- **Background usage limits:** Limit battery usage for apps that you do not use often.
- **More battery settings:** Configure advanced settings for the battery.



- The usage time left shows the time remaining before the battery power runs out. Usage time left may vary depending on your device settings and operating conditions.
- You might not receive notifications from some apps that use power saving mode.

Storage

Check the status of the used and available storage.

On the Settings screen, tap **Battery and device care** → **Storage**. To delete files or uninstall apps that you do not use anymore, select a category. Then, touch and hold, or select, an item and tap **Delete** or **Uninstall**.



- The actual available capacity of the internal storage is less than the specified capacity because the operating system and default apps occupy part of the storage. The available capacity may change when you update the device.
- You can check the available capacity of the internal storage in the Specification section for your device on the Samsung website.

Memory

On the Settings screen, tap **Battery and device care** → **Memory**.

To speed up your device by stopping apps running in the background, tick apps from the apps list, and tap **Clean now**.

Auto optimization

You can set the device to perform auto optimization when your device is not in use.

On the Settings screen, tap **Battery and device care** → **Auto optimization** and tap the **Restart when needed** switch to turn it on.

Software update

Update your device's software through the firmware over-the-air (FOTA) service. You can also schedule software updates.

On the Settings screen, tap **Battery and device care** → **Software update**.

Diagnostics

Test your device using Samsung Members.

On the Settings screen, tap **Battery and device care** → **Diagnostics** → **Tablet diagnostics**. Select an item to test or tap **Test all** to test all items.

Maintenance mode

Turn on maintenance mode to protect your privacy while someone else is using your device, such as when you send it for repairs.

On the Settings screen, tap **Battery and device care** → **Maintenance mode** → **Turn on**.

Apps

Manage the device's apps and change their settings. You can check the apps' usage information, change their notification or permission settings, or uninstall or disable unnecessary apps.

On the Settings screen, tap **Apps**.

General management

Customize your device's system settings or reset the device.

On the Settings screen, tap **General management**.

- **Language:** Select device languages. Refer to [Adding device languages](#) for more information.
- **App languages:** Select the language you want to use for each app.
- **Text-to-speech output:** Change the settings for text-to-speech features used when TalkBack is turned on, such as languages, speed, and more.
- **Voice input:** Download language packs to use the voice input feature offline.
- **Date and time:** Access and alter the settings to control how the device displays the time and date.



If the battery becomes fully discharged, the time and date are reset.

- **Samsung Keyboard settings:** Change the settings for the Samsung Keyboard.
- **Keyboard list and default:** Select a keyboard to use by default and change the keyboard settings.
- **Physical keyboard:** Change the settings for an external keyboard.
- **Mouse and trackpad:** Change the settings for an external mouse or trackpad.
- **Passwords and autofill:** Select an autofill service to use.
- **Reset:** Reset your device's settings or perform a factory data reset.
- **Contact us:** Ask questions or check the frequently asked questions.

Adding device languages

You can add languages to use on your device.

- 1 On the Settings screen, tap **General management** → **Language** → **Add language**.
To check out all the languages that can be added, tap **⋮** → **All languages**.
- 2 Select a language to add.

- 3 To set the selected language as the default language, tap **Set as default**. To keep the current language setting, tap **Keep current**.

The selected language will be added to your languages list. If you changed the default language, the selected language will be added to the top of the list.

To change the default language from your languages list, select the language you want and tap **Apply**. If an app does not support the default language, the next supported language in the list will be used.

Accessibility

Configure various settings to improve accessibility to the device.

On the Settings screen, tap **Accessibility**.

- **Recommended for you:** Check the accessibility features you are currently using and check other recommended features.
- **TalkBack:** Turn on TalkBack, which provides voice feedback. To check help information to learn how to use this feature, tap **Settings** → **Tutorial and help**.
- **Spoken assistance:** Use the voice assistant features.
- **Visibility enhancements:** Customize the settings to improve accessibility for visually impaired users.
- **Hearing enhancements:** Customize the settings to improve accessibility for users with hearing impairment.
- **Interaction and dexterity:** Customize the settings to improve accessibility for users who have reduced dexterity.
- **Advanced settings:** Configure settings for Direct access and notification features.
- **Installed apps:** Check out accessibility services installed on the device.
- **About Accessibility:** Check the Accessibility information.
- **Contact us:** Ask questions or check frequently asked questions.

Software update

Update your device's software through the firmware over-the-air (FOTA) service. You can also schedule software updates.

On the Settings screen, tap **Software update**.

- **Download and install:** Check for and install updates manually.
- **Auto download over Wi-Fi:** Set the device to download updates automatically when connected to a Wi-Fi network.
- **Last update:** Check out information about the last software update.



If emergency software updates are released for your device's security and to block new types of security threats, they will be installed automatically without your agreement.

Security updates information

Security updates are provided to strengthen the security of your device and protect your personal information. For security updates for your model, visit security.samsungmobile.com.



The website supports only some languages.

Tips and User Manual

Access useful tips, new features, the online user manual and remote support.

About tablet

Access your device's information.

On the Settings screen, tap **About tablet**.

To change your device's name, tap **Edit**.

- **Status information:** Check out various device information, such as the Wi-Fi MAC address and serial number.
- **Legal information:** Access legal information related to the device, such as safety information and the open source licence.
- **Software information:** Access the device's software information, such as its operating system version and firmware version.
- **Battery information:** Check out the device's battery status and information.

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Appendix

Troubleshooting

Before contacting a Samsung Service Centre or an authorized service centre, please attempt the following solutions. Some situations may not apply to your device.

You can also use Samsung Members to solve any problems you encounter while using your device.

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

- Password: When the device lock feature is turned on, you must enter the password you set for the device.
- PIN: When using the device for the first time or when the PIN requirement is turned on, you must enter the PIN supplied with the SIM or USIM card. You can turn off this feature by using the Lock SIM card menu.
- PUK: Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your carrier.
- PIN2: When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM or USIM card. For more information, contact your carrier.

Your device displays network or service error messages

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again. While moving, error messages may appear repeatedly.
- You cannot access some options without a subscription. For more information, contact your carrier.

Your device does not turn on

When the battery is completely discharged, your device will not turn on. Fully charge the battery before turning on the device.

The touch screen responds slowly or improperly

- If you attach a screen protector or optional accessories to the touch screen, the touch screen may not function properly.
- If you are wearing gloves, if your hands are not clean while touching the touch screen, or if you tap the screen with sharp objects or your fingertips, the touch screen may malfunction.
- The touch screen may malfunction in humid conditions or when exposed to water.
- Restart your device to clear any temporary software problems.
- Ensure that your device software is updated to the latest version.
- If the touch screen is scratched or damaged, visit a Samsung Service Centre or an authorized service centre.

Your device freezes or encounters a fatal problem

Try the following solutions. If the problem is still not resolved, contact a Samsung Service Centre or an authorized service centre.

Restarting the device

If your device freezes or hangs, you may need to close apps or turn off the device and turn it on again.

Forcing restart

If your device is frozen and unresponsive, press and hold the Side button and the Volume Down button simultaneously for more than 7 seconds to restart it.

Resetting the device

If these methods do not solve your problem, perform a factory data reset.

Open **Settings** and tap **General management** → **Reset** → **Factory data reset** → **Reset** → **Delete all**. Before performing the factory data reset, remember to make backup copies of all important data stored in the device.

Calls are not connected

- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialing.
- Ensure that you have not set call barring for the incoming phone number.

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If you are using headphones, ensure that they are properly connected.

Sound echoes during a call

Adjust the volume by pressing the Volume button or move to another area.

A cellular network or the internet is often disconnected or audio quality is poor

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. You may have connectivity problems because of issues with the carrier's base station. Move to another area and try again.
- When using the device while moving, wireless network services may be disabled because of issues with the carrier's network.

The battery does not charge properly (For Samsung-approved chargers)

- Ensure that the charger is connected properly.
- Visit a Samsung Service Centre or an authorized service centre and have the battery replaced.

The battery depletes faster than when first purchased

- When you expose the device or the battery to very cold or very hot temperatures, the useful charge may be reduced.
- Battery consumption will increase when you use certain features or apps, such as GPS, games, or the internet.
- The battery is consumable and the useful charge will get shorter over time.

Error messages appear when opening the camera

Your device must have sufficient available storage and battery power to operate the camera app. If you receive error messages when opening the camera, try the following:

- Charge the battery.
- Free some storage by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera app after trying these tips, contact a Samsung Service Centre or an authorized service centre.

Picture quality is poorer than the preview

- The quality of your pictures may vary, depending on the surroundings and the photography techniques you use.
- If you take pictures in dark areas, at night, or indoors, image noise may occur or images may be out of focus.

Error messages appear when opening multimedia files

If you receive error messages or multimedia files do not play when you open them on your device, try the following:

- Free some storage by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that the file formats are supported by the device. If a file format is not supported, such as DivX or AC3, install an app that supports it. To check the file formats that your device supports, visit the Samsung website.

- Your device supports pictures and videos captured with the device. Pictures and videos captured by other devices may not work properly.
- Your device supports multimedia files that are authorized by your carrier or providers of additional services. Some content circulated on the internet, such as ringtones, videos, or wallpapers, may not work properly.

Bluetooth is not working well

If another Bluetooth device is not located or there are connection problems or performance malfunctions, try the following:

- Ensure that the device you wish to connect with is ready to be scanned or connected to.
- Ensure that your tablet and the other Bluetooth device are within the maximum Bluetooth range (10 m).
- On your tablet, open **Settings**, tap **Connections**, and then tap the **Bluetooth** switch to turn it on again.
- On your tablet, open **Settings**, tap **General management** → **Reset** → **Reset network settings** → **Reset settings** → **Reset** to reset network settings. You may lose registered information when performing the reset.

If these tips do not solve the problem, contact a Samsung Service Centre or an authorized service centre.

The screen brightness adjustment bar does not appear on the notification panel

Open the notification panel by dragging the status bar downwards, and then drag the notification panel downwards. Tap  → **Quick panel layout** → **Brightness control** → **Show always**.

A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper driver installed and updated on your computer.

Your device cannot find your current location

GPS signals may be obstructed in some locations, such as indoors. Set the device to use Wi-Fi or a mobile network to find your current location in these situations.

Data stored in the device has been lost

Always make backup copies of all important data stored in the device. Otherwise, you cannot restore data if it is damaged or lost. Samsung is not responsible for the loss of data stored in the device.

A small gap appears around the outside of the device case

- This gap is a necessary manufacturing feature and some minor rocking or vibration of parts may occur.
- Over time, friction between parts may cause this gap to expand slightly.

There is not enough space in the device's storage

Delete unnecessary data, such as cache, using the device care feature or manually delete unused apps or files to free up storage space.

The Home button does not appear

The navigation bar containing the Home button may disappear while using certain apps or features. To access the navigation bar, drag upwards from the bottom of the screen.

Removing the battery

- **To remove the battery, contact an authorized service centre.**
- For your safety, you **must not attempt to remove** the battery. If the battery is not properly removed, it may lead to damage to the battery and device, cause personal injury, and result in the device being unsafe.
- Samsung does not accept liability for any damage or loss (whether in contract or tort, including negligence) which may arise from failure to precisely follow these warnings and instructions, other than death or personal injury caused by Samsung's negligence.

Health and Safety

Please read this important safety information before you use the device. It contains general safety information for devices and may include content that does not apply to your device. Follow the warning and caution information to prevent injury to yourself or others and to prevent damage to your device.



The term 'device' refers to the product and its battery, charger, the items supplied with the product, and any Samsung-approved accessories used with the product.



Warning: Failure to comply with safety warnings and regulations can cause serious injury or death.

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

Unsecured connections can cause electric shock or fire.

Do not touch the device, power cords, plugs, or the electric socket with wet hands or other wet body parts

Doing so may cause electric shock.

Do not pull the power cord excessively when disconnecting it

Doing so may cause electric shock or fire.

Do not bend or damage the power cord

Doing so may cause electric shock or fire.

Do not use the device with wet hands while the device is charging

Doing so may cause electric shock.

Do not directly connect together the charger's positive and negative terminals

Doing so may cause fire or serious injury.

Do not use your device outdoor during a thunderstorm

Doing so may result in electric shock or device malfunction.

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. They may also cause a fire or cause the battery to explode.
- Only use a Samsung-approved battery and charger specifically designed for your device. An incompatible battery or charger can cause serious injuries or damage to your device.
- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.

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

- The device may be damaged, explode, or result in a fire if too much pressure is applied to it.
- You may be injured if you are bumped or fall.

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

Handle and dispose of the device and charger with care

- Never dispose of the battery or device in a fire. Never place the battery or device on or in heating devices, such as microwave ovens, stoves, or radiators. The device may explode when overheated. Follow all local regulations when disposing of used battery or device.
- Never crush or puncture the device.
- Avoid exposing the device to high external pressure, which can lead to an internal short circuit and overheating.

Protect the device, battery and charger from damage

- Avoid exposing your device and battery to very cold or very hot temperatures.
- Extreme temperatures can damage the device and reduce the charging capacity and life of your device and battery.
- Do not directly connect together the battery's positive and negative terminals and prevent them from coming into contact with metal objects. Doing so may cause the battery to malfunction.
- Never use a damaged charger or battery.

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

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

Do not use or store your device in areas with high concentrations of dust or airborne materials

Dust or foreign materials can cause your device to malfunction and may result in fire or electric shock.

Prevent the multipurpose jack and the small end of the charger from contact with conductive materials, such as liquids, dust, metal powders, and pencil leads. Do not touch the multipurpose jack with sharp tools or cause an impact to the multipurpose jack

Conductive materials may cause a short circuit or corrosion of the terminals, which may result in an explosion or fire.

When using the wireless charger, do not place foreign materials, such as metal objects, magnets, and magnetic stripe cards, between the device and the wireless charger

The device may not charge properly or may overheat.

Do not bite or suck the device or the battery

- Doing so may damage the device or result in an explosion or fire.
- Children or animals can choke on small parts.
- If children use the device, make sure that they use the device properly.

Do not insert the device or supplied accessories into the eyes, ears, or mouth

Doing so may cause suffocation or serious injuries.

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

For safe disposal of your Li-Ion battery, contact your nearest authorized service centre.



Caution: Failure to comply with safety cautions and regulations can cause injury or property damage

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 in a hospital, on an aircraft, or in automotive equipment that can be interfered with by radio frequency

- Avoid using your device within a 15 cm range of a pacemaker, if possible, as your device can interfere with the pacemaker.
- To minimize possible interference with a pacemaker, use your device only on the side of your body that is opposite the pacemaker.
- If you use medical equipment, contact the equipment manufacturer before using your device to determine whether or not the equipment will be affected by radio frequencies emitted by the device.
- Electronic devices in your car may malfunction due to radio interference from your device. Contact the manufacturer for more information.

Do not expose the device to heavy smoke or fumes

- Doing so may damage the outside of the device or cause it to malfunction.

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

The radio frequency emitted by your device may interfere with some hearing aids. Before using your device, contact the manufacturer to determine whether or not your hearing aid will be affected by radio frequencies emitted by the device.

Do not use your device near devices or apparatuses that emit radio frequencies, such as sound systems or radio towers

Radio frequencies may cause your device to malfunction.

Turn off the device in potentially explosive environments

- Turn off your device in potentially explosive environments instead of removing the battery.
- Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refuelling points (gas stations), near fuels or chemicals, or in blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

If you notice strange smells or sounds coming from your device or the battery, or if you see smoke or liquids leaking from the device or battery, stop using the device immediately and take it to a Samsung Service Centre

Failure to do so may result in fire or explosion.

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

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

- Position your device within easy reach. Make sure you can access your wireless device without taking your eyes off the road.
- Suspend use 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.
- Do not engage in stressful or emotional conversations that may be distracting. Make the person you are talking to aware that you are driving and suspend conversations that could potentially divert your attention from the road.

Care for and use your device properly

Keep your device dry

- Humidity and liquids may damage the parts or electronic circuits in your device.
- 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.
- This device has internal liquid indicators fitted. Water damage to your device may void the manufacturer's warranty.

Store your device only on flat surfaces

- If your device falls, it may be damaged.

The device can be used in locations with an ambient temperature of 0°C to 35°C. You can store the device at an ambient temperature of -20°C to 50°C. Using or storing the device outside of the recommended temperature ranges may damage the device or reduce the battery's lifespan

- Do not store your device in very hot areas such as inside a car in the summer. Doing so may cause the screen to malfunction, result in damage to the device, or cause the battery to explode.
- Do not expose your device to direct sunlight for extended periods of time (on the dashboard of a car, for example).
- For a device with a removable battery, the battery can be stored separately in locations with an ambient temperature of 0 °C to 45 °C.

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

- Your device may be scratched or may malfunction.
- If the battery terminals come into contact with metal objects, this may cause a fire.

Do not store your device near magnetic fields

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.
- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.

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

Do not use your device with the back cover removed

The battery may fall out of the device, which may result in damage or malfunction.

If your device has a camera flash or light, do not use it 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 immediately.
- If anyone related to you has experienced seizures or blackouts while using a similar device, consult a physician before using the device.
- If you feel discomfort, such as a muscle spasm, or disoriented, stop using the device immediately and consult a physician.
- To prevent eye strain, take frequent breaks while 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 using the device and consult a physician.

Protect your hearing and ears when using a headset



- Excessive exposure to loud sounds can cause hearing damage.
 - Exposure to loud sounds while walking may distract your attention and cause an accident.
-
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.
 - 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.
 - Do not use a headset while driving or riding. Doing so may distract your attention and cause an accident, or may be illegal, depending on your region.

Use caution when using the device while walking or moving

- Always be aware of your surroundings to avoid injury to yourself or others.
- Make sure the headset cable does not become entangled in your arms or on nearby objects.

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 device, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the device and consult your physician.

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.

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 airbag deployment area. Improperly installed wireless equipment can cause serious injury when airbags inflate rapidly.

Do not drop your device or cause impacts to your device

- Your device may be damaged or may malfunction.
- If bent or deformed, your device may be damaged or parts may malfunction.

Ensure maximum battery and charger life

- Batteries may malfunction if they are not used for extended periods.
- Over time, unused device will discharge and must be recharged before use.
- Disconnect the charger from power sources when not in use.
- Use the battery only for its intended purpose.
- Follow all instructions in this manual to ensure the longest lifespan of your device and battery. Damage or poor performance caused by failure to follow warnings and instructions can void your manufacturer's warranty.
- Your device may wear out over time. Some parts and repairs are covered by the warranty within the validity period, but damages or deterioration caused by using unapproved accessories are not.

Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your manufacturer's warranty. If your device needs servicing, take your device to a Samsung Service Centre.
- Do not disassemble or puncture the battery, as this can cause explosion or fire.
- Turn off the device before removing the battery. If you remove the battery with the device turned on, it may cause the device to malfunction.

When cleaning your device, mind the following

- Wipe your device or charger with a towel or an eraser.
- Clean the battery terminals with a cotton ball or a towel.
- Do not use chemicals or detergents. Doing so may discolour or corrode the outside the device or may result in electric shock or fire.

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

- Your device may malfunction.

Avoid disturbing others when using the device in public

Allow only qualified personnel to service your device

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

Handle memory cards and cables with care

- When inserting a card or connecting a cable to your device, make sure that the card is inserted or the cable is connected to the proper side.
- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.
- Inserting a card or connecting a cable by force or improperly may result in damage to the multipurpose jack or other parts of the device.

Protect your personal data and prevent leakage or misuse of sensitive information

- While using your device, be sure to back up important data. Samsung is not responsible for the loss of any data.
- When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information.
- Carefully read the permissions screen when downloading applications. Be particularly cautious with applications that have access to many functions or to a significant amount of your personal information.
- Check your accounts regularly for unapproved or suspicious use. If you find any sign of misuse of your personal information, contact your service provider to delete or change your account information.
- In the event your device is lost or stolen, change the passwords on your accounts to protect your personal information.
- Avoid using applications from unknown sources and lock your device with a pattern, password, or PIN.

Do not distribute copyright-protected material

Do not distribute copyright-protected material 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 copyrighted material.

Malware and viruses

To protect your device from malware and viruses, follow these usage tips. Failure to do so may result in damages or loss of data that may not be covered by the warranty service

- Do not download unknown applications.
- Do not visit untrusted websites.
- Delete suspicious messages or email from unknown senders.
- Set a password and change it regularly.
- Deactivate wireless features, such as Bluetooth, when not in use.
- If the device behaves abnormally, run an antivirus program to check for infection.
- Run an antivirus program on your device before you launch newly-downloaded applications and files.
- Install antivirus programs on your computer and run them regularly to check for infection.
- Do not edit registry settings or modify the device's operating system.

Acknowledging Special Precautions and FCC Notice

Cautions

Any changes or modifications to your device not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if they cause damage or a defect to the device.

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

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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



Warning: At very high volumes, prolonged listening to a headset can damage your hearing.

Specific Absorption Rates (SAR) for Wireless Devices

The SAR is a value that corresponds to the relative amount of RF energy absorbed by the user of a wireless device.

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

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

All devices must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model devices do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

This device has been tested and meets RF exposure guidelines when used with an accessory that contains no metal and that positions the device 0mm from the body.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)



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.

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.

This product is RoHS compliant.

Correct disposal of batteries in this product



This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66.

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Technical requirements for Wi-Fi operation in the 5 GHz band

Wi-Fi access points that are capable of allowing your device to operate in the 5.15 - 5.25 GHz band are optimized for indoor use only. If your Wi-Fi network is capable of operating in this mode, please restrict your Wi-Fi use to indoors to not violate federal regulations to protect mobile satellite services.

Samsung Knox

Samsung Knox is Samsung's security platform. Additional licensing fees may be required for enterprise use. For more information about Knox, please refer to: www.samsung.com/us/knox

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ISED Notice

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.