

SAMSUNG

Galaxy A25 5G

User Guide

Introduction

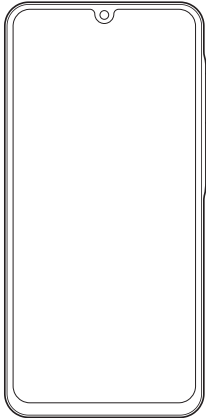
Thank you for purchasing the Galaxy A25 5G (hereinafter "handset").

Before using handset, be sure to thoroughly read "Quick Start" or this manual to ensure correct use of handset.

List of Bundled Items

Before using handset, make sure that all of the following items are packaged with it.

■ Handset



■ SIM Ejector Tool (Sample)

- * It is used to insert and remove the SIM Card and microSD Card.



■ Quick Start

The following items are not included in the package.

- microSD Card
- AC Charger
- USB Type-C™ Cable*
- * A cable with a USB Type-A Plug (for plugging into a computer or other device) and a USB Type-C Plug.



- Be sure to use the specified charging equipment (commercially available).
- The battery is built into handset.
- The illustrations of handset and items packaged with handset used in this manual are for illustrative purposes. They may differ from the actual products.

Package Contents

■ Quick Start

The manual provides the necessary information and precautions before using handset for the first time.

■ User Guide

The User Guide (this manual) with more detailed descriptions of the various features of handset can be checked with this handset, or with a computer.

● From handset

Select "Online Manual" which is registered in browser's bookmarks

● From PC

For SoftBank

<https://www.softbank.jp/mobile/support/product/samsung-galaxy-a25-5g/> (Japanese)

For Y!mobile

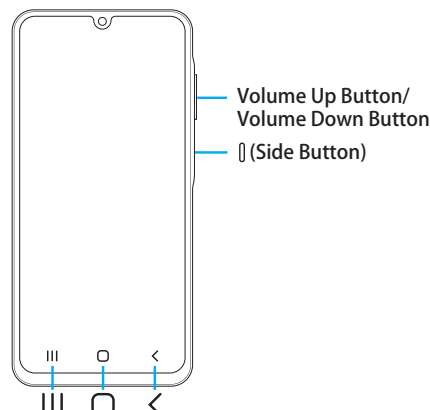
<https://ymobile.jp/s/toQAT> (Japanese)

About the User Guide

- This manual uses the Galaxy A25 5G "Blue" color as an example.
- In this manual, the contents are described at the time of purchase.
- The descriptions in this manual are based on operations in portrait view. Items, icons, or buttons on the screen may look different in landscape view.
- Unless otherwise stated, this manual describes screen displays and operating procedures with SIM Card inserted.
- In this manual, the names "microSD™ memory Card (commercially available)", "microSDHC™ memory Card (commercially available)", and "microSDXC™ memory Card (commercially available)" are abbreviated to "microSD Card".
- The information in this manual may differ from the actual handset screen due to software upgrades, service changes or terminations, and so on. Additionally, the content of this manual is subject to change without notice.
- All company names and product names in this manual are either trademarks or registered trademarks. TM and ® might be omitted in the text of this manual.

About the Button Indications which are Depicted in This Manual

In this manual, the button illustrations are simplified as follows.



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About the Use of Handset

Before using handset, read "Safety Precautions" in this manual thoroughly to use handset correctly.

- Since a constant Internet connection is possible with handset, some communications might be performed automatically to synchronize data.
- When downloading apps, watching video, or performing other tasks that communicate a large amount of data, high communication charges might be incurred. Therefore, it is highly recommended to use a flat-rate data service.
- Depending on the apps or service used, data communication charges might be incurred even if handset is connected to Wi-Fi®.



- Reproduction of the contents of this manual in part or in whole is prohibited.
- The contents of this manual are subject to change without notice.
- Some features may become unavailable due to changes in OS specifications or changes or termination of services.
- Every effort has been made in the preparation of this manual. If any unclear points, omissions, etc., are noticed, feel free to contact us.

Safety Precautions

- Before using handset, read these "Safety Precautions" carefully to use it properly. After reading this manual, store it in a safe place for future reference.
- These precautions are intended to protect you and others around you. Read and follow them carefully to avoid injury, damage to handset or damage to property.
- The symbols below differentiate between the levels of danger that can occur if handset is not used within the specified guidelines.

Danger	This symbol indicates that incorrect handling has a high possibility of causing death or serious injury ^{(*)1} .
Warning	This symbol indicates that incorrect handling poses a risk of causing death or serious injury ^{(*)1} .
Caution	This symbol indicates that incorrect handling poses a risk of causing slight injury ^{(*)2} or damage ^{(*)3} to handset or property.


- *1 Serious injury: This refers to loss of sight, injury, burns (high- and low-temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or long-term hospital attendance as an outpatient.
- *2 Slight injury: This refers to injuries, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.
- *3 Damage: This refers to extended damage to buildings, furniture, livestock, pets, etc.


Descriptions of Prohibitory/Compulsory Pictograms


Don't	Prohibited actions
No disassembly	Disassembly prohibited
No wet hands	Use with wet hands prohibited
Do	Compulsory actions
Unplug	Unplug from outlet


Common to Handset, Internal Battery, Charging Device (Commercially Available), and SIM Card.

Danger

 **Do not use, store, or leave in extreme heat or where heat collects, such as fire, heat sources, under a kotatsu (blanketed warming table) or blanket, direct sunlight, inside vehicles in the hot sun, etc.**
May cause fire, burns, injury, electric shock, etc.

 **Keep away from cooking appliances (microwave ovens, induction stoves, etc.) and pressure vessels (e.g., pressure cookers).**
May cause fire, burns, injury, electric shock, etc.


 **Keep charging terminals and External Connection Port free of water or other liquids (drinking water, sweat, seawater, pet urine, etc.). Do not charge handset while it is wet or near water (in the bathroom, near a humidifier, etc.).**
May cause fire, burns, injury, electric shock, etc.
For details on water resistance, refer to the following:
▶P.14 "Waterproof / Dustproof Precautions"


 **Do not apply excessive force to or break handset. Particularly when carrying handset in your clothes pocket, do not bump it or place it between objects.**


Internal Battery breakage may cause fire, burns, injury, etc.


* Note the following examples:

- Sitting or squatting when handset is in your pants or skirt pocket.
- Getting handset caught in a door or car door when it is in your shirt pocket.
- Sitting or stepping on handset when it is on a sofa, bed, blankets, or other soft items, or on the floor.
- Tucked into a seat on a train, bus, etc.


 **Do not disassemble or modify.**
May cause fire, burns, injury, electric shock, etc.


 **Do not try to remove Internal Battery from handset.**
May cause fire, burns, injury, etc.


 **Handset Back Cover cannot be removed. Do not try to remove it. Even if handset bulges due to bulges of Internal Battery, etc., do not try to remove Back Cover or press it with excessive force.**
May cause fire, burns, injury, etc.


 **Use optional accessories specified by SoftBank/ Y!mobile Corp.**
Using third party accessories or those whose manufacturer, distributor, or specifications are unclear may result in fire, burns, injury, electric shock, etc.


Warning


 **Do not drop, stomp on, throw or subject to excessive force or strong impact/vibration.**
May cause fire, burns, injury, electric shock, etc.

 **Keep conductive materials (metal strip, pencil lead, etc.) away from charging terminals and External Connection Port. Do not let dust, sand, etc. enter them.**
May cause fire, burns, injury, electric shock, etc.

 **If charging continues even after specified Charging Time, stop charging.**
Failure to do so may cause fire, burns, injury, etc. due to overcharging or for other reasons.

 **When entering very dusty locations or locations where flammable gases are generated, be sure to power off handset beforehand and stop any charging in progress.**
May ignite flammable gases, etc. and cause explosion, fire, etc.


 **Use in facilities such as gas stations should be in accordance with the facility guidelines.**
Do not charge handset in facilities such as gas stations. Take care not to drop handset in facilities such as gas stations and in particular do not use while refueling. May ignite flammable gases, etc. and cause explosion, fire, etc.


 **If there is abnormal odor/sound, smoke, overheating, discoloration, distortion, or other abnormalities during use, charging, or storage, do the following while exercising caution.**


- Unplug from the outlet.
- Turn off handset.


Failure to follow the above steps may cause fire, burns, injury, electric shock, etc.


Caution


 **Do not use if broken.**
May cause fire, burns, injury, etc.

 **Do not leave handset on unstable or sloping surfaces. Be careful especially while handset is set to vibrate.**
Handset or related hardware may fall, resulting in injury, etc.

 **Do not use or store in a location that is subject to excessive dust, high humidity, or high temperatures.**
Doing so may cause fire, burns, or electric shock, etc. For details on water and dust resistance, refer to the following:
▶P.14 "Waterproof / Dustproof Precautions"


 **For use by a child, explain instructions and supervise use.**
May cause accidental swallowing, injury, electric shock, etc.


 **Do not leave handset within the reach of small children or pets.**
Please be especially careful about the storage place of small parts, such as SIM Card/microSD Card Tray and SIM Ejector Tool (sample).
May cause accidental swallowing, injury, electric shock, etc.


 **Use handset with caution, as it may become hot with continued use or while charging. Be careful not to place handset in clothes pocket, etc. and fall asleep, allowing unintentional continued contact.**
Handset or specified charging device (commercially available) may become hot after continued use of apps, call features, data communication and video viewing features, etc. or while charging.
Continuous direct contact with hot surfaces may cause skin redness, itching, rash, or low-temperature burns depending on your individual physical condition.

■ Handset


Danger


 **Do not throw into a fire or apply heat to it.**
May cause fire, burns, injury, etc.


 **Do not pierce it with a sharp object (nail, etc.), hit with a hard object (hammer, etc.), step on, or otherwise subject to excessive force.**
May cause fire, burns, injury, etc.


 **If substance in handset gets in eyes, mouth, etc., rinse with clean water and consult a doctor immediately.**
Substances in handset may cause loss of sight or other physical harm.


Warning


 **Do not illuminate or flash the light close to a person's eyes. Maintain a safe distance, especially from small children.**
Not doing so may cause blurred vision, etc. Also, you may get dazzled or surprised and cause an accident.


 **Do not stare at Display for a long period when it is flickering.**
May cause spasms, loss of consciousness, etc.


 **Do not let water or other liquids (drinking water, sweat, seawater, pet urine, etc.) or a foreign object such as anything metal, (cutter blades, staples, etc.) and flammable material, etc. enter SIM Card/microSD Card Slot.**
In addition, insert SIM Card/microSD Card into the correct opening in the correct orientation.
May cause fire, burns, injury, electric shock, etc.


 **Do not expose camera lens to direct sunlight for an extended period.**
May cause fire, burns, injury, etc. due to light-collecting mechanism of the lens.


 **Power off handset or activate Airplane mode before boarding an airplane.**
Handset use on airplanes is restricted; follow the instructions given by the respective airlines.
Radio waves may adversely affect an airplane's electronic devices.
If you engage in a prohibited activity while using handset on an airplane, you may be punished by law.


 **Regarding handset use in a hospital, follow the instructions given by the respective medical institution.**
Power off handset where handset use is prohibited.
Radio waves may adversely affect an airplane's electronic devices or electronic medical devices.


 **When you are on a hands-free call, while ringtone is playing loudly, when in standby, etc., be sure to keep handset at a safe distance from your ears. When you attach earphones-microphone to handset and play games, videos, or music, adjust the volume to a comfortable level beforehand.**
When making a hands-free call, handset emits sound loudly.
Even in standby, the ringtone or alarm may ring suddenly.
Listening to loud sounds continuously for a long time may cause hearing impairment or other difficulty.
In addition, not being able to hear surroundings may cause an accident.


 **If you have a weak heart, adjust ringtone vibration and volume as needed.**
Handset suddenly vibrating and ringing for a new call may startle you and adversely affect your heart.

 **Turn handset off near high-precision electronic control equipment or electronic equipment using low-power signals.**
Radio waves may cause electronic devices to malfunction or may adversely affect the operation.
* Examples of electronic equipment to avoid
Hearing aids, implanted pacemakers or defibrillators, other electronic medical equipment, and other automatic control equipment. If you are using an implanted pacemaker, implanted defibrillator, or other electronic medical device, check with its manufacturer or the vendor on radio wave effects.









 **If you are using an electronic medical device, check with its manufacturer or vendor on radio wave effects before using handset.**
Radio waves may adversely affect electronic medical devices, etc.


 **If Display, rear cover or Camera lens breaks, be careful with broken parts and exposed handset parts.**
Touching the broken or exposed parts may cause burns, injury, electric shock, etc.

 **Should the substance inside Internal Battery leak or emit a strange smell, immediately stop use and move it away from fire.**
Leaked fluid may catch fire, causing the battery to ignite, burst, etc.

-  **Do not let your pet bite handset.**
May cause Internal Battery to ignite, burst, overheat, or leak, causing fire, burns, injury, etc.










Caution

-  **When using the motion sensor, stay alert to your surroundings, hold handset firmly, and do not swing it excessively.**
Failure to do so may cause injury or other accident.
-  **If Display breaks and substance in handset leaks, do not let it get on your skin (face, hands, etc.) or clothes.**
May harm sight, skin, etc.
If substance in handset gets in eyes, mouth, etc. or on your skin or clothes, immediately rinse with clean water.
If substance in handset gets in eyes, mouth, etc., rinse and consult a doctor immediately.
-  **Do not dispose of handset with regular trash.**
May cause fire, burns, injury, etc. Environmental damage may also be caused. When handset is no longer needed, take it to a SoftBank/Y!mobile shop, or follow the local regulations regarding handset collection.
-  **If substance in Internal Battery leaks, do not let it get on your skin (face, hands, etc.) or clothes.**
May harm sight, skin, etc.
If substance in handset gets in eyes, mouth, etc. or on your skin or clothes, immediately rinse with clean water.
If substance in handset gets in eyes, mouth, etc., rinse and consult a doctor immediately.
-  **When removing SIM Card, be careful of the tip of SIM Ejector Tool (sample) to avoid injury to your finger or other parts of your body.**
Not doing so may cause injuries when touching the tip of SIM Ejector Tool (sample).
-  **Before using handset in a vehicle, check with the manufacturer or dealer of the vehicle on radio wave effects.**
In rare cases, radio waves may adversely affect operation of on-board electronic devices, depending on the type of vehicle. If this occurs, discontinue use immediately.
-  **For any skin abnormalities associated with handset use, discontinue use and consult a doctor immediately.**
Handset use may cause itchiness, skin irritation, rashes, etc. depending on your physical condition.
For materials of parts, see ►P.11 "Material List"
-  **The Earpiece, Rear Camera, Speaker, and Front Camera use magnetic parts; check that nothing metal (cutter blades, staples, etc.) is adhering.**
Any metal on handset may cause injury, etc.


-  **Look at Display in a sufficiently bright place at a reasonable distance.**
Looking in a dark place or at a close distance may deteriorate vision or cause other problems.


Charging Device (Commercially Available)


Warning


-  **Do not use if the cord of the specified charging device (commercially available) gets damaged.**
Failure to do so may cause fire, burns, electric shock, etc.
-  **If thunder occurs, do not touch the specified charging device (commercially available).**
May cause electric shock, etc.
-  **Do not short-circuit charging terminals when AC Charger is plugged into the outlet. In addition, keep your hands and other body parts away from charging terminals.**
Failure to do so may cause fire, burns, electric shock, etc.
-  **Do not place heavy objects on or pull the cord of the specified charging device (commercially available).**
Failure to do so may cause fire, burns, electric shock, etc.
-  **When plugging or unplugging the specified charging device (commercially available), keep metal objects away.**
Failure to do so may cause fire, burns, electric shock, etc.
-  **Do not use a voltage converter (travel converter for overseas use, etc.) when charging with the specified charging device (commercially available).**
May cause ignition, overheating, electric shock, etc.
-  **When the specified charging device (commercially available) is connected to handset, do not apply excessive force to the connection.**
May cause fire, burns, injury, electric shock, etc.
-  **Do not touch the cord of the charging device (commercially available), USB cable, charging terminals, or power plug with wet hands.**
Failure to do so may cause fire, burns, electric shock, etc.
-  **Use with the specified power supply voltage. When charging handset overseas, use a charging device (commercially available) designed for overseas use.**
Use with other power supply voltages may cause fire, burns, electric shock, etc.


AC Charger (commercially available): 100 V AC (for connection to a household AC outlet)
AC Charger for global use (commercially available): Between 100 V AC and 240 V AC (for connection to a household AC outlet)


 **Wipe off any dust on the power plug.**
Using handset with dust adhering to it may cause fire, burns, or electric shock, etc.


 **Plug the specified charging device (commercially available) into the outlet firmly.**
Failure to do so may cause fire, burns, electric shock, etc.


 **When unplugging from the outlet, grasp the specified charging device (commercially available) and pull the cord, without forcefully pulling it and holding onto the adapter.**
Pulling on the cord for the specified charging device (commercially available) may cause fire, burns, electric shock, etc.

 **When inserting or removing the specified charging device (commercially available) into/from handset, insert/remove it straight into/from the port without forcefully pulling the cord.**
Inserting/removing in an incorrect orientation may cause fire, burns, injury, electric shock, etc.


 **If charging terminals become bent or deformed, discontinue use immediately. In addition, do not use it after restoring the terminals to their original state.**
May cause fire, burns, injury, electric shock, etc. due to short-circuiting of charging terminals.

 **When not using the specified charging device (commercially available), unplug it from the outlet.**
Leaving it plugged in may cause fire, burns, injury, electric shock, etc.

 **If splashed with water or other liquids (drinking water, sweat, seawater, pet urine, etc.), unplug the specified charging device (commercially available) from the outlet immediately.**
Splashing can cause short-circuiting, causing fire, burns, electric shock, etc.


 **Before cleaning, unplug AC Charger from the outlet.**
Cleaning AC Charger without unplugging it may cause fire, burns, electric shock, etc.

Caution

 **Do not hold onto the specified charging device (commercially available) for long periods when it is plugged into the outlet.**
May cause burns, etc.


SIM Card

Caution


 **When handling SIM Card, be careful with cut edges so as not to damage your hands or other body parts.**
Cut edges may be sharp and cause injury.

Usage Near Medical Equipment and in Medical Institutions


Warning

 **If you are using, or are likely to be around other persons using an implanted pacemaker, implanted defibrillator, or other electronic medical device, carry or use handset at least 15 cm away from where handset is.**

Radio waves may adversely affect operation of electronic medical devices. In a situation where you may not be able to maintain a distance of at least 15 cm away from other persons, such as when your movement is restricted, disable radio wave emission by activating Airplane mode, powering off handset, etc.

 **When electronic medical equipment other than implanted pacemakers or defibrillators are in use outside of medical facilities (such as in home care settings), check with the device manufacturer to determine how the device is affected by electrical signals.**


Radio waves may adversely affect operation of electronic medical devices.

 **Regarding handset use in a medical institution, follow the instructions given by the medical institution.**


Radio waves may adversely affect operation of electronic medical devices.


SIM Ejector Tool (Sample)

Warning

 **The tip of SIM Ejector Tool (sample) is sharp. Do not use it pointing at yourself or others.**
Doing so may cause injuries or loss of eyesight, etc. due to it striking yourself or others.

Caution

 **For any skin abnormalities associated with use of SIM Ejector Tool (sample), discontinue use and consult a doctor immediately.**
Handset use may cause itchiness, skin irritation, rashes, etc. depending on your physical condition.
For materials of parts, see ►P.11 "Material List"

 **Do not leave SIM Ejector Tool (sample) within the reach of small children or pets.**
Doing so may cause accidental swallowing, suffocation, injury, etc.

Material List

Handset

Part	Material	Surface treatment
Side Button/Fingerprint Sensor	EMC	Baked paint
Volume Up Button/Volume Down Button	PC	Polyurethane coating
Display (Touchscreen)	Glass	AF coating
USB Type-C Port (for connecting external devices) surrounding area	PC+GF10%	-
Exterior case (side, top, bottom)	PC+GF10%	Polyurethane coating
SIM Card/microSD Card Tray	PC	-
SIM Card/microSD Card Tray (Card Mounting Section)	STS301	-
SIM Card/microSD Card Tray (Side)	PC	Polyurethane coating
SIM Card/microSD Card Tray (Seal)	Silicone	-
Rear Camera window	Glass	AF, AR Coating
Rear Camera surrounding area	PC	-
Flash/Light Lens	PMMA	-
Rear cover	PC+PMMA	Print

SIM Ejector Tool (Sample)

Part	Material	Surface treatment
Body	SUS304	Barrel polished

Precautions for Handling

These precautions should be observed to prevent malfunctions of handset and to ensure that it performs to its full potential. Thoroughly read these precautions to ensure correct use.

Common to Handset, Internal Battery, Charging Device (Commercially Available), SIM Card and Peripherals

- Do not apply excessive force to handset. Be sure not to put handset into a tightly packed bag or place a heavy object on handset in a bag. Sitting on handset when it is in your pocket might damage Display or internal circuit board resulting in a malfunction.
Also, applying excessive force to handset while an external device is connected to External Connection Port might cause the connector to be damaged or malfunction. Even if there is no external damage, the warranty does not cover such damage.
- To ensure handset maintains its water resistance (equivalent to IPX5 or IPX8), use handset with SIM Card/microSD Card Tray securely inserted. However, it is not guaranteed for all usage conditions. Do not allow water to get inside handset or splash water on the charging device (commercially available) or optional accessories. Do not open or close SIM Card/microSD Card Tray in the rain or with water drops on it. Doing so might result in water entering handset and causing internal corrosion. Note that malfunctions deemed to be caused by water are not covered by the warranty.
- Do not use the below items in extremely hot, cold or humid places. (Use within an ambient temperature range of 5°C to 35°C and humidity range of 35% to 85%. However, temporary use is allowed as long as the temperature is between 36°C and 40°C.)
 - Handset
 - SIM Card (inserted in handset)
- Do not use the below items in extremely hot, cold or humid places. (Use within an ambient temperature range of 5°C to 35°C and humidity range of 35% to 85%).
 - Charging device
 - Peripherals
- Do not use in places subject to much dust or vibrations. Doing so may damage handset.
- Clean the charging terminals and External Connection Port occasionally with a dry cotton swab. Failure to do so may cause poor contact due to contamination. Be careful not to apply excessive force and deform the charging connector and External Connection Port when cleaning them.
- Clean handset with a dry soft cloth (such as used for cleaning eyeglasses). Rubbing Display forcefully with a dry cloth may scratch it. Drops of water or dirt left on Display may cause stains. Additionally, wiping handset with alcohol, paint thinner, benzene, detergent, or glass cleaner may cause the printing on the casing to disappear or cause a malfunction.
- Use as far away as possible from land line phones, TVs, and radios. Use nearby might affect them.

- Handset may become warm while charging depending on the situation, but this is not abnormal.
- Do not place near corrosive chemicals or in places where corrosive gases are generated. Doing so may damage handset.
- Do not use handset outside when thunder occurs. Doing so might risk being struck by lightning and electric shock.
- Be sure to use specified peripherals. Use of other devices might cause a fault.
- Do not put handset in a cooking apparatus such as a microwave oven or pressure cooker. Doing so may damage handset.
- The customer is not allowed to disassemble, modify or repair handset. Doing so may damage handset. Additionally, modification of handset is a violation of the Radio Act and the Telecommunications Business Act.
- To prevent short-circuiting the charging terminals or External Connection Port, do not allow fingers or other body parts or conductive foreign objects (anything metal, pencil lead, etc.) to come into contact with them and prevent foreign objects from getting inside. Doing so may damage handset.
- If handset gets wet while charging, unplug the specified charging device (commercially available) from the outlet.
- Do not use handset while driving a car, riding a motorbike or bicycle, or walking. Using handset while driving a car or riding a motorbike is prohibited by law. Using handset while riding a bicycle is also punishable by law.
- Using or charging handset while it is in a bag or covered with bedding, etc. might cause it to malfunction.
- When using a specified charging device (commercially available) or external device, insert/remove the connector straight into/from the port. Insertion or removal in an incorrect orientation may damage handset.
- Do not expose Camera lens to direct sunlight for an extended period. Doing so may damage handset.
- Do not use, store, or leave handset in places subject to direct sunlight (e.g. in cars), places that get hot, places that get extremely cold, and in humid or dusty places. Doing so may damage handset.
- Do not leave handset on unstable or sloping surfaces. Be careful especially while handset is charging or set to vibrate. Handset or related hardware may fall, resulting in damage or injury.
- When charging handset, do not exceed the rating of the outlet or wiring devices by using a power strip or other means.
- Use a specified charging device (commercially available) and peripherals that are compatible with handset. Using incompatible products may cause damage or malfunctions.

■ Handset

- Handset's battery is built into the device and you cannot replace it yourself.
- Do not forcefully press or strike Display. Doing so may scratch or damage handset.

- Do not press hard on the buttons or Display with a nail, pointed or hard object, etc. Doing so may scratch or damage handset.
- Never use a modified handset. Use of modified devices violates the Radio Act and Telecommunications Business Act.
Handset has received the certification of conformity with technical regulations for the specified radio station based on the Radio Act, and certification of conformity with terminal devices based on the Telecommunications Business Act. As proof of this, the "Technical Compliance Mark" is displayed on handset. You can check the digital inscription on this unit by following the steps below.

How to check: On the app list screen, tap **[Settings]** > **[About phone]** > **[Regulatory information]** to view the mark.

Removing the screws and modifying the internal workings of handset will invalidate the certification of technical standards conformance. Never use handset without the valid certification. Doing so violates the Radio Act and Telecommunications Business Act.

- Take care not to place magnetic items, such as magnetic cards, speakers and TV sets, near handset, as it might cause malfunction. Taking it near a strong magnetic field might cause it to malfunction.
- Do not bring handset close to magnetic cards, such as debit cards, credit cards, and prepaid cards. Doing so might result in loss of recorded information.
- When putting handset in your pocket or bag, take care so that Display does not come in contact with metal objects or other hard objects. Doing so may scratch or damage handset. Also be careful not to scratch or damage Display by using a strap whose metal or other hard parts comes in contact with Display.
- When suddenly brought into a warm place from a cold place, or when in a humid location, or when used where temperature suddenly changes such as near the air vents of an air conditioner, water droplets (i.e. condensation) sometimes form inside handset. Note that when used under conditions such as these, the humidity might cause corrosion or a fault.
- Do not subject the microSD Card to vibration or shock or turn off the power while writing or reading data from the microSD Card. Doing so may cause data loss or faults.
- Use handset with SIM Card/microSD Card Tray closed. Using handset with SIM Card/microSD Card Tray open might allow dust or water to enter and damage handset.
- Do not allow liquids, metal objects, or other foreign objects to enter SIM Card/microSD Card Slot. Doing so may damage handset.

● Do not drop, throw, step on, or subject handset to strong impacts. Doing so may damage handset.

● Do not place handset directly on sand. Sand or other small particles might get inside Speaker, causing the volume to drop. If sand gets inside handset, it might cause a fault.

■ Touchscreen

● Touchscreen is designed for being touched lightly with fingers. Do not press it hard with your finger or with sharp objects (fingernail, ballpoint pen, pin, etc.). The below actions may cause Touchscreen to not work properly. Note that it may cause wrong operations.

- Operation with gloved hands
- Operation with the tip of a fingernail
- Operation with a foreign object on the panel
- Operation with a commercially available protective film or sticker on Touchscreen
- Operation with water drops left or frozen on the surface
- Operation with wet or sweaty fingers
- Operation under water

● Putting stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on Display might cause Touchscreen to respond incorrectly.

● When carrying handset in your pocket or bag, take care not to put Touchscreen close to metals or other conductive materials, as it might cause mis operations of Touchscreen.

■ Display

● Handset uses an LCD as its display. The display response speed may slow down at low temperatures, but this is due to the characteristics of the LCD and is not a malfunction. Response speed will return to normal once the display reaches room temperature.

● Although the display used in handset is made with extremely advanced technology, there may be some dots (pixels) that do not light up or stay lit in some parts of the screen. Please understand that this is not a malfunction.

■ Internal Battery



(Handset's Internal Battery is a lithium-ion battery.)
When handset is purchased, it is not fully charged.
Charge Internal Battery before using handset.

● Use in very hot or cold environments, for example, when left in a car with the windows closed in summer, will cause Internal Battery capacity to drop and shorten the available battery usage time. This will also shorten the battery life. Try to use handset at room temperature as much as possible.

● Using apps for a long time while charging may affect Internal Battery life.

● Once Internal Battery is fully charged, it gradually discharges even if handset is not used. It is recommended to charge Internal Battery periodically during long periods of inactivity as over-discharge may make charging impossible.

● When storing handset, do not store it under the following conditions as the performance and life of Internal Battery may deteriorate if so:

- Keeping handset in a state of full charge (right after charging ends).
- Keeping handset in a state of no remaining battery power (handset cannot power on).

● Internal Battery might swell up as it approaches the end of its service life. This is due to the properties of lithium-ion batteries, and is not a safety issue.

● Internal Battery is a consumable part. If the usage time is extremely short even after charging, if Internal Battery is swollen, or if function is not restored and the battery has deteriorated, stop using Internal Battery as it has reached the end of its service life.

■ Charging Device

● Do not wrap the cord of the specified charging device (commercially available) around the adapter unit. Additionally, do not forcibly bend the specified charging device (commercially available) plug or the connection between the connector and power cord. Do not place heavy objects on or pull the cord of the specified charging device (commercially available). Doing so may damage the charging device.

● Hold the power plug when unplugging the specified charging device (commercially available) from the outlet. Pulling on the cord may damage it.

■ SIM Card

● Do not apply excessive force when inserting or removing SIM Card. Be careful not to exert excessive force when inserting SIM Card into your product.

● You are responsible for any damage caused by inserting your SIM Card into any other IC card reader/writer, etc.

● Do not put stickers on SIM Card.

● Do not insert SIM Card with a card adapter attached. Doing so may damage SIM Card.

● Do not do anything that may damage SIM Card (such as using it at high temperatures, dropping it in fire, touching foreign objects on metal parts, impacting, bending or loading, and wetting it). Doing so may cause data loss or faults.

■ SIM Ejector Tool (Sample)

● Do not apply excessive force to SIM Ejector Tool (sample). Doing so may cause malfunction or damage.

● When disposing of it, follow the rules regarding disposal in your area.

● Do not use SIM Ejector Tool (sample) for any use not described in this manual or with other mobile phones. Doing so may cause malfunction or damage to other mobile phones.

■ Camera

- When photographing important occasions, take a trial shot first and check that the shot image was taken correctly.
- Do not take pictures in places where photography is prohibited.

■ Copyrights and Portrait Rights

- If all or part of the data you shot or recorded with handset or downloaded from the Internet is protected by a third party's copyrights, you may not reproduce, distribute, publicly transmit, or modify it without permission from the copyright holder, except in cases permitted under copyright law, such as reproduction for personal use or quoting. In addition, do not use or modify portraits or names of other individuals without their consent, as it might infringe on rights of portrait.
Note that shooting and recording may be restricted at some live performances, shows and exhibitions even for personal use.
- Use caution in regards to copyrights and portrait rights when posting photos you shot on the Internet or websites.

■ Backing Up Data on Handset

- Please back up important content recorded by or downloaded to handset from an outside source. Content recorded to storage on handset sometimes disappears or is altered by unexpected factors, such as static electricity or a fault, repair, mishandling, etc.

Waterproof/Dustproof Precautions

- Handset has a water resistance rating (JIS C 0920) equivalent to IPX5^{*1} and IPX8^{*2}, and a dust resistance rating equivalent to IP6X^{*3} when SIM Card/microSD Card Tray are fully inserted (based on in-house test methods).
- In order to use handset correctly, be sure to read "Important Precautions" before use. Failure to follow the contents described in these sections may cause the intrusion of water, sand or other foreign materials, resulting in overheating, fire, electric shock, injury or a fault.
 - *1 IPX5 equivalent means that handset will maintain its operability as a phone even if it is sprayed with water from a 6.3 mm diameter nozzle at a distance of about 3 meters for more than 3 minutes at a rate of about 12.5 liters per minute from any direction.
 - *2 IPX8 equivalent means that handset will maintain its operability as a phone with no water getting inside handset even if it is gently submerged in a tank of still tap water at room temperature to a depth of 1.5 meters for about 30 minutes.
 - *3 IP6X equivalent means that handset will maintain its capability of no grit and dust getting inside the main unit even after it has been placed in an apparatus with grit and dust of diameters of 75 µm or less and agitated for 8 hours.
- Operation is not guaranteed for all situations. Malfunction determined to be caused by mishandling by the customer are not covered by the warranty.

Precautions for Use

- Use handset with SIM Card/microSD Card Tray fully inserted. Water and dust resistance is only effective when they are fully inserted.
 - Do not open or close SIM Card/microSD Card Tray if handset or your hands are wet.
 - Do not soak or pour liquids on handset other than tap water (such as seawater, pool water, hot spring water, soap, detergent, water with bath salts, alcohol, juice, or seasonings). Additionally, do not use handset in places exposed to pet urine. If it is exposed, wash it with clean water, wipe it with a soft, clean cloth, and allow it to dry completely before use to maintain its water resistance.
 - Do not place handset directly on sand. Sand or other small particles might get inside Speaker, causing the volume to drop. If sand gets inside handset, it might cause heat generation or a fault.
 - Do not use handset under water or slam it against the surface of water. Doing so might damage or cause malfunction to some features, such as touch operation.
 - Do not use or store handset in a humid place, such as a bathroom or kitchen, for an extended period of time.
 - Even after shaking off excess water, some water may remain. Handset is safe to use, but do not place it near objects that should not get wet. Note that there is a risk of wetting clothes, bags, and so on.
 - If water accumulates in Speakers or other parts of the system and it becomes temporarily difficult to hear sound, shake handset to remove any excess water.
 - Handset is not designed to withstand water pressure, so do not apply high water pressure directly or submerge it under water for extended periods.
 - Do not wash handset with a washing machine or ultrasonic cleaner.
 - Do not immerse handset in a bathtub. It is not designed to be heat resistant.
 - A sudden change in temperature may cause condensation resulting in malfunction. When taking handset from a cold place to a warm place, such as a bathroom, wait until it becomes room temperature first.
 - Handset does not float on water.
 - Do not charge handset in a bathroom.
 - If handset gets wet, shake it to remove any excess water and wipe it with a soft, dry, clean cloth.
 - Water and dust resistance is not permanent, and performance may decline due to natural deterioration caused by length of use or operating environment.
- **SIM Card/microSD Card Tray**
- Use handset with SIM Card/microSD Card Tray fully inserted. Just a small particle (a hair, etc.) on the seals can cause water leakage.
 - Do not remove or insert SIM Card/microSD Card Tray while wearing gloves. Just a small particle (a hair, etc.) on the seals can cause water leak. When inserting the tray, wipe off even the slightest drop of water or dirt with a clean, dry cloth.
 - When SIM Card/microSD Card Tray deteriorates or is damaged, the water resistance cannot be maintained.

● If anything other than water gets on handset

- If liquid other than water (such as seawater, detergent, or alcohol) gets on handset, immediately rinse it with water.
- You can wash handset with tap water at room temperature (5°C to 35°C) by trickling water (6 liters/minute or less) and at a distance of about 10 cm from a faucet or shower.
- If handset gets dirty, do not use a brush to clean it, but rather wash it by hand while pressing against SIM Card/microSD Card Tray so that it will not open.

● After getting wet

- If handset gets wet, shake it to remove any excess water and wipe it with a dry, clean cloth.
- In cold climates, water droplets on handset may freeze. Using handset in a frozen state may cause malfunction. Do not leave water droplets on handset.

● Rubber seal

- The rubber seal on SIM Card/microSD Card Tray plays an important role in maintaining water resistance. Do not remove or damage it.
- When closing SIM Card/microSD Card Tray, be careful not to pinch the rubber seal. Attempting to forcefully close it while it is caught may damage the rubber seal and make it impossible to maintain water resistance. Just a small particle (a hair, etc.) on the seal can cause a water leak.
- If liquids other than water (such as alcohol) get on handset, it may not maintain durability performance.
- Do not insert pointed objects into the gap between SIM Card/microSD Card Tray and handset. Handset may be damaged or deformed, or the rubber seal may be damaged, causing water to enter handset.
- It is recommended to replace the parts for maintaining water resistance once every two years regardless of whether any abnormality is present.

● Heat resistance

- Do not immerse in or pour hot water onto handset. Additionally, do not use handset in a sauna or subject it to hot air from a hair dryer. Handset is not designed to be heat resistant.

● Impact

- Handset is not impact resistant. Do not drop handset or subject it to impact. Do not poke Speaker with sharp objects. Handset may be damaged or deformed, causing water to enter it.

When Charging

The supplied accessories and optional accessories are not water resistant. Check the following before and after charging:

- Never try to charge handset when it is wet. May cause fire, burns, injury, electric shock, etc.
- Make sure that handset is not wet. To charge handset after it gets wet, shake it to remove any excess water and wipe it with a dry, clean cloth.
- Do not touch the specified charging device (commercially available) with wet hands. Doing so may result in an electric shock.
- The specified charging device (commercially available) should be used in a water-free environment and should not be used in bathrooms, shower cubicles, kitchens, washrooms, or other areas where water is used. Failure to do so may cause fire, burns, electric shock, and faults. Even when not charging, do not take the device into the bathroom or other watery areas. Doing so may cause fire, burns, electric shock, and faults.

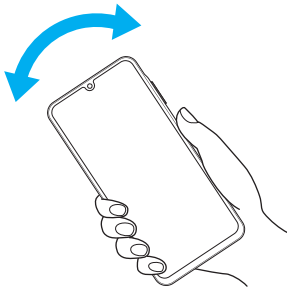
About Draining when Wet with Water

- If handset gets wet, make sure to shake off any excess water in the Microphone and Speaker, External Connection Port, Buttons, and so on.
- Using handset as is might wet clothes, bags, and so on, or make it difficult to hear the audio.
- Do not forcefully wipe water off Display.
- Drain the water following the procedure below.

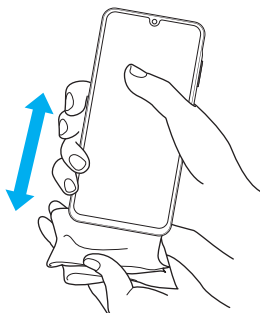
- 1 Hold handset firmly and wipe off moisture on the front and rear surfaces with a dry, clean cloth.**



- 2 Shake handset approximately 20 times, firmly holding it, until there is no more water splattering.**



- 3 Swing handset about 20 times against a dry, clean cloth to wipe off water remaining in Mouthpiece/Microphone, Earpiece, Speaker, Air Vent, USB Type-C Connection Port (External Connection Port), Buttons, and so on.**



- 4 Wipe off water drained from handset with a dry, clean cloth, and dry naturally.**

Any water remaining in handset may seep out after wiping it. Do not wipe off water remaining in gaps directly with a cotton swab etc.

Bluetooth®/Wi-Fi® Function

- Bluetooth® and wireless LAN (Wi-Fi®) features on handset conform to the domestic standards of Japan, FCC standards, and EC directives, and have acquired certification.
- Use of Bluetooth® and wireless LAN (Wi-Fi®) features might be restricted in some countries or regions. Before using handset overseas, check the relevant laws and regulations of the applicable country/region.
- The 2.4 GHz band used by wireless LAN (Wi-Fi®) and Bluetooth® devices is shared by various other devices. For this reason, the communication speed and connectable range may decrease or disconnection may occur due to interference from other devices.
- Do not use handset in places where electromagnetic waves are generated or near electric products, AV and OA equipment, or other magnetic devices.
- Subjecting handset to magnetic or electrical noise might increase static and prevent it from performing communications (handset is particularly susceptible to static when it used near a microwave oven).
- Using handset near a TV, radio or similar appliance might cause reception interference and disrupt TV images.
- Searching might not be successful if there are multiple wireless LAN (Wi-Fi®) access points near to handset or the same channel is being used.
- Handset use on airplanes is restricted; follow the instructions given by the respective airlines.
- The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the devices to connect.

2.4 GHz Band Precautions

The Bluetooth® and wireless LAN (Wi-Fi®) features of handset use the 2.4 GHz band. In this bandwidth, in addition to home electric appliances, such as microwave ovens, and industrial, scientific, and medical equipment, similar radio stations, in-plant radio stations used to identify mobile objects used in production lines of a factory that require a license, specified low power radio stations, or amateur radio stations that do not require a license (hereinafter "other radio stations") can be in operation.


1. Before using handset, make sure that other radio stations are not in operation nearby.
2. In the event that instances of radio wave interference have occurred between handset and other radio stations, immediately either relocate handset or stop operation of handset (stop emission of radio waves).



- The connections between handset and all other Bluetooth® and wireless LAN (Wi-Fi®) compatible devices have not been verified. Therefore, connections with all Bluetooth® and wireless LAN (Wi-Fi®) compatible devices cannot be guaranteed.
- Although this product supports security features for wireless communications that are compliant with Bluetooth® and wireless LAN (Wi-Fi®) standard specifications, the security may not be sufficient depending on the usage environment and configuration. Be careful when sending data using Bluetooth® or wireless LAN (Wi-Fi®) features.
- Wireless LAN (Wi-Fi®) has the advantage that it can be freely connected anywhere within the radio wave range, as it uses radio waves for exchanging information. However, there is a risk that a malicious third party may obtain unauthorized access if security settings have not been configured. It is recommended that you configure security settings using your own judgment at your own risk.
- The company assumes no responsibility for leakage of data or information that may occur while using Bluetooth® or wireless LAN (Wi-Fi®).
- Since Bluetooth® and wireless LAN (Wi-Fi®) features use the same frequency band, using both features at the same time may cause radio wave interference resulting in decreased communication speed or disconnection from the network. If connection fails, stop using either one of Bluetooth® or wireless LAN (Wi-Fi®) features.

Bluetooth® and wireless LAN (Wi-Fi®) features of handset use frequencies in the 2.4 GHz band.

2.4 FH1 / DS4 / OF4 / XX8

- Bluetooth® feature: 2.4FH1/XX8
Handset uses the 2.4 GHz band. FH1 uses FH-SS as the modulation method and the interference distance is about 10 m or less. XX8 uses other methods and has an interference distance of approximately 80 m or less.
- Wireless LAN (Wi-Fi®) feature: 2.4DS/OF4
This handset uses the 2.4 GHz band. DS-SS, OFDM, and OFDMA are used as the modulation methods. The interference distance is approximately 40 m or less.
- 
It means that the entire bandwidth is used and the bandwidth of the mobile identification device cannot be avoided.

Available channels differ depending on the country.
For use in an airplane, check with the airline in advance.

5 GHz Band Precautions

The wireless LAN (Wi-Fi®) feature of handset use the 5 GHz band.

Outdoor use of 5.2 GHz/5.3 GHz band wireless LAN is prohibited by law (except when communicating with access points/relay stations of 5.2 GHz band high-power data communication systems).

The channels used on handset are as follows:

W52 (5.2 GHz band/36, 40, 44, 48 ch)

W53 (5.3 GHz band/52, 56, 60, 64 ch)

W56 (5.6 GHz band/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144 ch)

Notes on Data Communication Charges

- Since a constant Internet connection is possible with handset, data communication may be performed automatically by some apps, resulting in high data communication charges. Therefore, subscription to a data communication charge discount service or flat rate plan is recommended.
- When using handset to browse websites on the Internet, download apps, communicate using apps, send/receive e-mails, and configure various settings, connection to the Internet is required, to which data communication charges apply.

Precautions about Call Charges

- When ending a call, check that the call disconnects properly by performing the call end operation. You may be subject to high charges if you forget to end the call.

About App

- Be sure to check the security of apps, and then install them at your own risk. Some apps may affect the operation of other apps or handset as a whole. Additionally, some apps might also cause malware infections, corrupt data, and send out your location information, usage history or personal information stored in handset via the Internet.
- Samsung assumes no responsibility for any faults caused by apps you have installed. If this situation arises, you may be charged a repair fee even during the warranty period.
- Samsung assumes no responsibility for any disadvantage brought to you or any third party by apps you have installed.
- Some apps might not be available unless a microSD Card is inserted.
- Some apps prevent handset from entering sleep mode while they are active, or rapidly drain the battery while running in the background.
- The operating procedures and screen display of apps pre-installed on handset or installed by you may change without notice due to app upgrades. Additionally, operations on handset may differ from those stated in the "User Guide" and "Quick Start".

Setting Up the App Authority

When starting an app or feature on handset for the first time, a confirmation screen will appear requesting to permit the access permissions.

If a confirmation screen appears, check the contents and tap [Allow] or [Don't allow].

Example: When starting the calendar for the first time

1 On the app list screen, tap [Calendar].

A screen displaying the message, "Do you want to allow [Calendar] access to your calendar?" will appear.

2 Tap [Allow]/[Don't allow].

3 Follow the on-screen instructions.



- If you do not tap [Allow], you may be unable to activate the app/feature or the feature may be restricted.
- To change the permission setting, on the app list screen, tap [Settings] > [Apps] > tap the app whose permission setting you want to change > [Permissions] > tap the permission to be changed > follow the on-screen instructions.
- Depending on the app or feature, a screen with the description of the requested permission may appear. Additionally, a confirmation screen may appear multiple times or the displayed content may be different to that shown here. Check the displayed content and follow the on-screen instructions.
- In the "User Guide" and "Quick Start", the description of the content on the confirmation screen may be omitted.

Observe Manners

Follow the Instructions!

● On airplanes

- Use handset in accordance with instructions issued by the airlines. Radio waves emitted from handset may interfere with the operational safety of the aircraft.

● In hospitals

- Use handset in accordance with instructions issued by the applicable medical institution.
- Radio waves emitted from handset may adversely affect electronic medical devices.

Be Aware of Your Surroundings in the Below Places

● Be aware of your surroundings when using handset.

● Be especially careful in the following places:

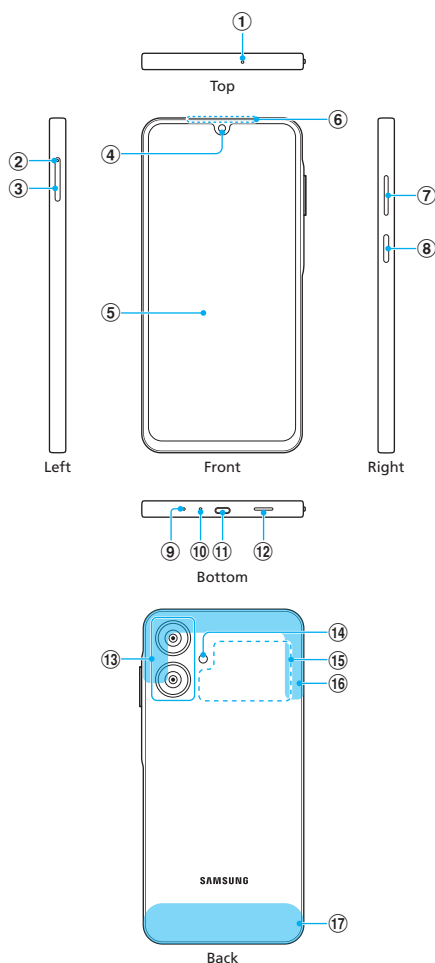
- Public transportation such as trains and buses
Follow the on-board announcements and notices.
- Theaters, cinemas, museums, etc.
Turn off handset out of consideration for those around you.
- Restaurants, hotel lobbies, etc.
In quiet places, refrain from talking loudly.
- Urban areas
Use handset in a place where you will not disturb others.
- Crowded places
Set handset to Airplane mode or turn off the power.
Handset might adversely affect a person with a pacemaker or similar device who is in the vicinity.

Getting Started

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Getting Started

Parts & Functions



- ① **Mouthpiece/Microphone (top)*¹**
- ② **SIM Card/microSD Card Tray Insertion Hole**
This is the hole where SIM Ejector Tool (sample) is inserted to remove SIM Card/microSD Card Tray.
- ③ **SIM Card/microSD Card Tray**
- ④ **Front Camera**
- ⑤ **Display (Touchscreen)**
- ⑥ **Receiver*¹**
- ⑦ **Volume Up Button/Volume Down Button**
Adjusts call volume and media playback volume. When Camera is activated, they function as start/stop buttons for shooting.
- ⑧ **Side Button/Fingerprint Sensor*²**
Press and hold to turn on the power. In addition, pressing it when the power is on will lock the screen.
- ⑨ **Air Vent*¹**
- ⑩ **Mouthpiece/Microphone (bottom)*¹**
- ⑪ **USB Type-C Port (for connecting external devices)**
- ⑫ **Speaker*³**
- ⑬ **Rear Camera**
- ⑭ **Flash/Light**

- ⑮ **NFC/Osaifu-Keitai® Holding Area**
When using NFC/Osaifu-Keitai®, hold this area over the reader.

- ⑯ **5G/4G/Wi-Fi®/Bluetooth®/GPS Antenna*⁴**

- ⑰ **5G/4G Antenna*⁴**

- *1 Be careful not to obstruct these holes with your fingers or other objects as handset may not function correctly.
- *2 Do not cover the sensors with your hand or stickers. Doing so may cause the sensors to not work normally.
- *3 Be careful not to place your ear too close to the Speaker when you use it to play music or output other audio.
- *4 The antenna is built into handset. Covering the antenna with your hand may affect the quality of calls and communications. The type of cover you use might also cause poor antenna reception.



- Back Cover cannot be removed. Attempting to remove Back Cover with excessive force may cause damage or malfunction.
- Handset's battery is built into the device and you cannot replace it yourself.
- To force a restart, see "Power ON/OFF" (►P.25).
- Covering the area around the Air Vent with a protective film or sticker may generate noise during calls or video playback.
- Be careful not to expose Camera lens to a strong light source, such as direct sunlight. If Camera lens is exposed to a strong light source, such as direct sunlight, Camera image sensor may be damaged. Damage to the image sensor cannot be reversed and dots and other imperfections may appear on the shot pictures.

SIM Card

SIM Card contains your personal information such as phone number.

Handset is not SIM-locked.

For information on handling SIM Card, see the following website:

For SoftBank

<https://www.softbank.jp/mobile/support/protect/usim/> (Japanese)

For Y!mobile

<https://www.ymobile.jp/support/product/usim/> (Japanese)



IC (metal) chip

- Always keep the IC (metal) area clean.
- Clean handset with a dry, soft cloth.
- Do not put labels or stickers on SIM Card. Doing so may cause malfunction.



- When using SIM Card, please note the following:
 - You are responsible for any damage caused by inserting your SIM Card into another manufacturer's IC card reader and SoftBank/Y!mobile assumes no responsibility.
 - The ownership of SIM Card belongs to SoftBank/Y!mobile.
 - You will be charged a fee to re-issue a SIM Card due to loss or damage.
 - Please return SIM Card to us if you no longer require it such as if you cancel your contract.
 - SIM Card returned by customers are recycled for environmental conservation purposes.
 - SIM Card specifications and performance are subject to change without notice. Please be aware.
 - It is recommended that you keep a copy of the information registered on your SIM Card. SoftBank/Y!mobile assumes no responsibility for any damage caused by the loss of registered information.
 - If your SIM Card or wireless phone (with SIM Card inserted) is stolen or lost, please be sure to follow the emergency procedure to suspend service. For details, see "Customer Service" (▶P.88).
 - Make sure to turn off handset before inserting or removing SIM Card.
 - Service and function may be limited if you use a SIM Card provided by another telecommunication company. SoftBank/Y!mobile shall not be liable for performance.

Inserting/Removing SIM Card

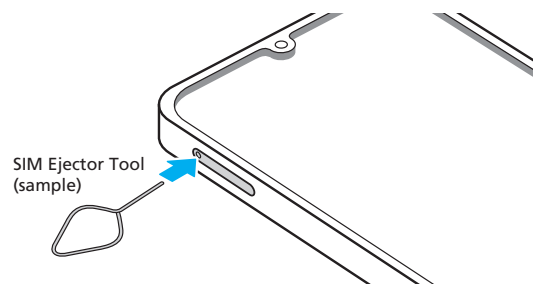
Make sure to turn off handset before inserting or removing SIM Card.

Inserting SIM Card

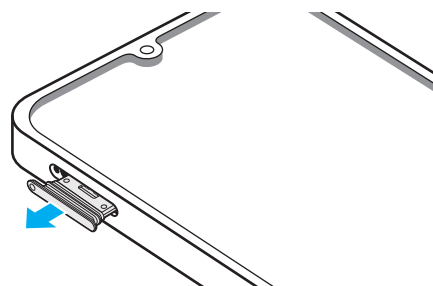
- 1 Insert the tip of SIM Ejector Tool (sample) straight into Tray Insertion Hole for SIM Card/microSD Card Tray.

SIM Card/microSD Card Tray will come out slightly.

- Not inserting the tool in a straight line might result in damage or malfunction.

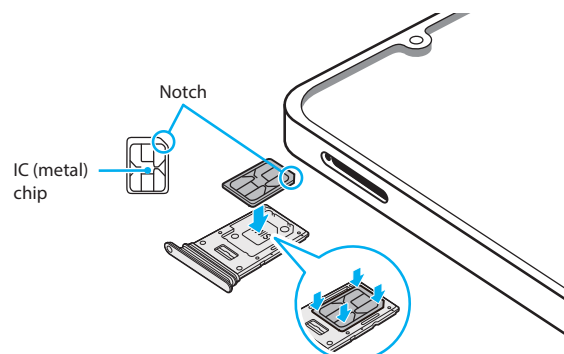


- 2 Pull SIM Card/microSD Card Tray straight out.

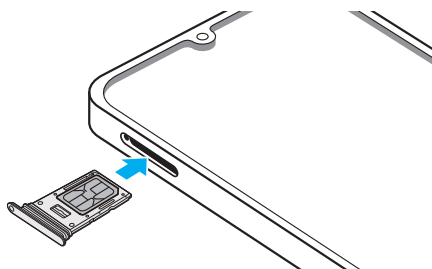


- 3 Insert SIM Card into SIM Card/microSD Card Tray with the IC (metal) chip facing up.

- Note the orientation of the notch.
- Check that SIM Card is correctly inserted into SIM Card/microSD Card Tray. There is a risk that SIM Card may get caught between handset and the tray when the tray is inserted.
- Be careful not to let the microSD Card come out when fitting the SIM Card in if a microSD Card is embedded into the backside of the SIM Card/microSD Card Tray.



- 4** Insert SIM Card/microSD Card Tray straight all the way into SIM Card/microSD Card slot in the orientation shown in the figure.



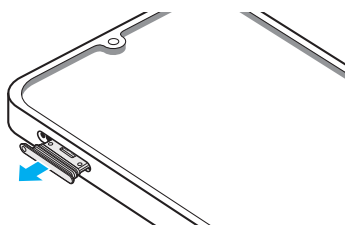
Removing SIM Card

- 1** Insert the tip of SIM Ejector Tool (sample) straight into Tray Insertion Hole for SIM Card/microSD Card Tray.

SIM Card/microSD Card Tray will come out slightly.

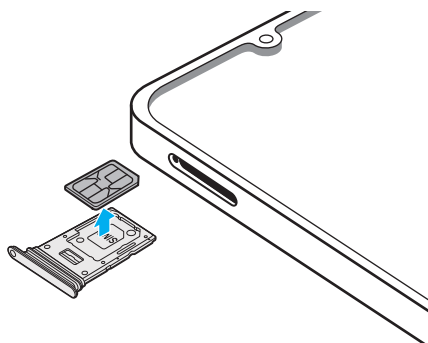
- Not inserting the tool in a straight line might result in damage or malfunction.

- 2** Pull SIM Card/microSD Card Tray straight out.

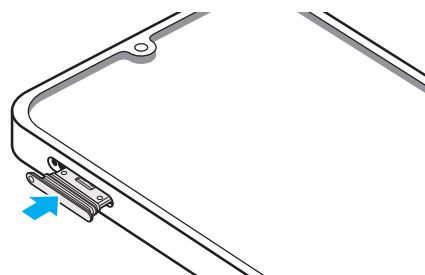


- 3** Remove SIM Card from SIM Card/microSD Card Tray.

- Be careful not to let the microSD Card come out when removing the SIM Card if a microSD Card is embedded into the backside of the SIM Card/microSD Card Tray.



- 4** Insert SIM Card/microSD Card Tray straight all the way into SIM Card/microSD Card slot in the orientation shown in the figure.



eSIM

Handset supports eSIMs. An eSIM is an integrated SIM that is pre-embedded in handset. If handset supports eSIMs, you can use the service by simply signing up and setting up the eSIM without having to replace SIM Card in the device as you would for a SIM Card.

For information on handling eSIMs, see the following website:

For SoftBank

<https://www.softbank.jp/mobile/support/product/sim/esim/> (Japanese)

For Y!mobile

<https://ymobile.jp/s/NyKTq> (Japanese)

Setting up an eSIM

- 1** On the app list screen, tap **[Settings]**.

- 2** Tap **[Connections]** > **[SIM manager]**.

- If you have a QR code from a wireless service provider, you can add a mobile plan by tapping **[Add eSIM]** > **[Scan QR code]**.
- You can set which SIMs are prioritized in **[Preferred SIMs]**.
- Tap **[More SIM settings]** to configure the eSIM lock and other settings.



- If you wish to use the eSIM again after deleting it, you will need have the QR code reissued for downloading the eSIM. Deleting an eSIM does not mean that your contract has been terminated.

Inserting/Removing microSD Card

Make sure to turn off handset before inserting or removing microSD Card.

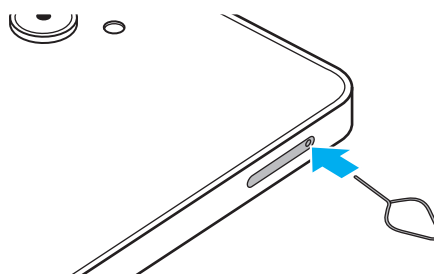
- Do not use excessive force when inserting/removing it.

Inserting microSD Card

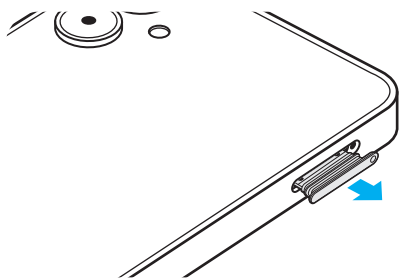
- 1** Insert the tip of SIM Ejector Tool (sample) straight into Tray Insertion Hole for SIM Card/microSD Card Tray.

SIM Card/microSD Card Tray will come out slightly.

- Not inserting the tool in a straight line might result in damage or malfunction

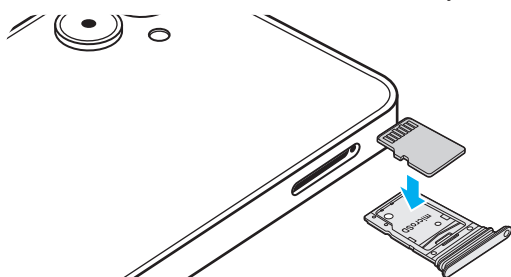


2 Pull SIM Card/microSD Card Tray straight out.

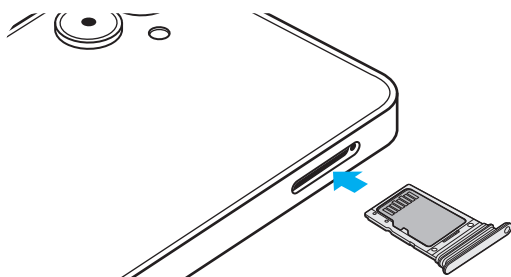


3 Insert microSD Card into SIM Card/microSD Card Tray with the IC (metal) chip of microSD Card facing up.

- Check that microSD Card is correctly inserted into SIM Card/microSD Card Tray. There is a risk that microSD Card may get caught between handset and microSD Card when the tray is inserted.
- Be careful not to let the SIM Card come out when fitting the microSD Card in if a SIM Card is embedded into the backside of the SIM Card/microSD Card Tray.



4 Insert SIM Card/microSD Card Tray straight all the way into SIM Card/microSD Card slot in the orientation shown in the figure.



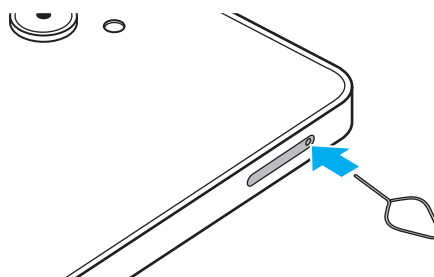
- The fronts and backs of the microSD Cards are different. Trying to forcefully insert them, will cause them to no longer be able to be removed, or they may get damaged.

Removing microSD Card

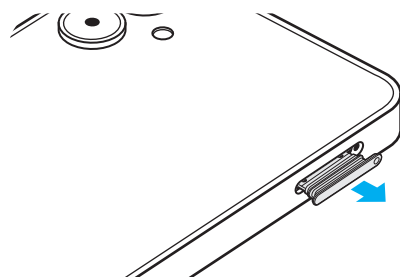
1 Insert the tip of SIM Ejector Tool (sample) straight into Tray Insertion Hole for SIM Card/microSD Card Tray.

SIM Card/microSD Card Tray will come out slightly.

- Not inserting the tool in a straight line might result in damage or malfunction

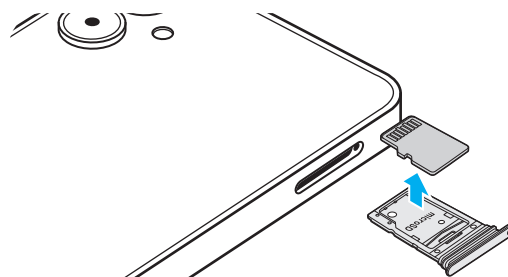


2 Pull SIM Card/microSD Card Tray straight out.

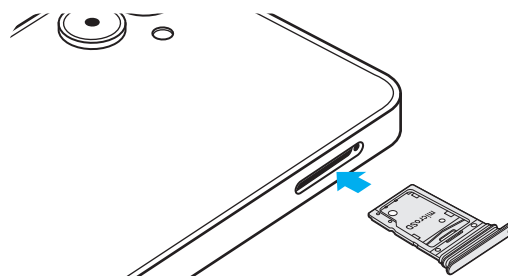


3 Remove microSD Card from SIM Card/microSD Card Tray

- Be careful not to let the SIM Card come out when removing the microSD Card if a SIM Card is embedded into the backside of the SIM Card/microSD Card Tray.



4 Insert SIM Card/microSD Card Tray straight all the way into SIM Card/microSD Card slot in the orientation shown in the figure.





- Removing it before unmounting it is completed may cause malfunction or loss of internal data.
- After it has been used for a long time, a microSD Card may be warm when it is removed, but this is not a malfunction.
- To have a microSD Card be recognized again after it has been unmounted, with the microSD Card still inserted, on the app list screen, go to [Settings] > [Device care] > [Storage] > swipe left on the [Internal storage] field to display the [SD card] field, and operate [Mount] in the [SD card] field.
- microSD Cards cannot be unmounted while data is being saved onto them.
- Do not touch the contacts on the microSD Cards.
- Do not forcefully pull out the microSD Cards. Doing so may cause malfunction or loss of internal data.

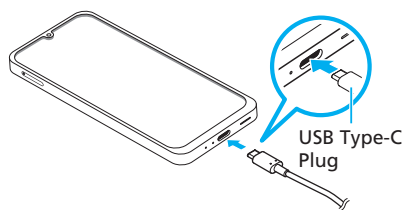
Charging Handset

When you purchase handset, Internal Battery is not fully charged. Be sure to charge Internal Battery before using handset.

* For details about charging time, see "Main Specifications" (▶P.87).



■ How to Insert the USB Type-C Plug

Insert the plug straight into the USB Type-C Port (External Connection Port) on handset as shown in the figure below.



Incorrectly connecting the plug may cause serious damage to handset.



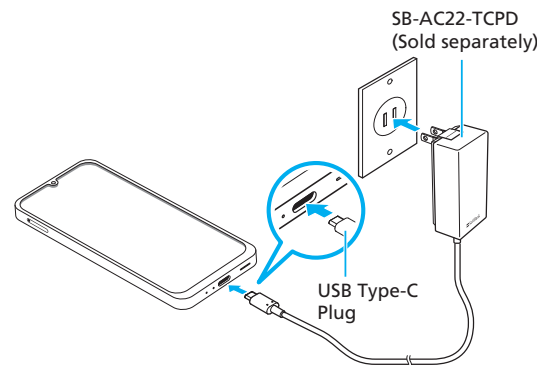
- To check the charging status and battery level, on the app list screen, tap [Settings] > [Battery].
- Handset could become warm while charging. This condition is not abnormal.
- Never connect USB Type-C Plug when handset or peripherals are wet.
- It may take longer to charge Internal Battery using a computer or when you use Camera or other features while charging the battery.
- Depending on the usage of apps and features, Internal Battery might be consumed faster.
- If charging does not start for a while after inserting the USB Type-C plug into External Connection Port, check to make sure that the plug is correctly connected.
- While handset is charging,  appears on the status bar. When charging is complete,  appears on the status bar.
- If "Check BATTERY" is displayed during charging, follow the procedure to have handset repaired.
- Never charge handset when External Connection Port is wet. Doing so may cause handset to malfunction.

Charging with AC Charger

The AC Charger is an optional accessory. Please use the AC Charger specified by SoftBank/Y!mobile. For details about AC Chargers and other peripherals, see SoftBank/Y!mobile Website.

The below procedure is an example of how to charge handset using an AC Charger (USB PD-PPS compatible USB Type-C™ fast charging AC Charger "ZSDBAV" (SB-AC22-TCPD)).

- 1 Insert the power plug for the AC Charger into the 100 V AC outlet.
- 2 Insert the USB Type-C plug on the AC Charger straight into External Connection Port on handset.





- 3 When charging is completed, remove the USB Type-C plug on the AC Charger straight out of handset and remove the power plug from the outlet.

Using Fast Charging

Handset can be charged with fast charging.

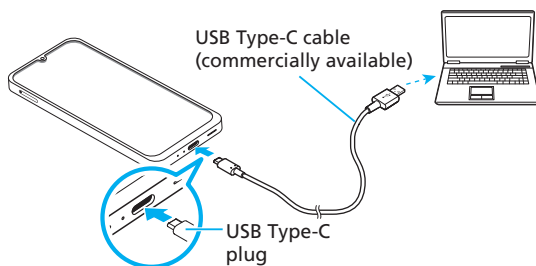
- To use fast charging, a fast charging-compatible charger is required. A standard charging device does not support fast charging.
- Turning off the screen enables handset to be charged faster.

- 1 On the app list screen, tap [Settings].
- 2 Tap [Battery] > [Charging settings] > for [Fast charging], tap [] to change it to [].

Charging Using a Personal Computer


Handset can be charged by a computer connected with a USB Type-C cable (commercially available). Carefully verify the connection method to ensure that handset is connected correctly. Using excessive force to connect handset may cause damage.

- 1 Insert the USB Type-C plug on the USB Type-C cable (commercially available) straight into External Connection Port on handset.
- 2 Insert the USB plug on the USB Type-C cable (commercially available) into the USB port on the computer.
 - If the message, "Allow access to phone data?" appears on handset, tap [\[Deny\]](#).
 - If a window appears on the computer prompting the search for new hardware, tap [\[Cancel\]](#).
- 3 Once charging finishes, remove the USB Type-C cable (commercially available) from handset and computer.



Power ON/OFF


Power ON

- 1 Press and hold  (Side Button)/Fingerprint Sensor for 2 seconds or more.
Lock Screen appears.
- 2 Flick (swipe) in any direction to unlock the screen.




- When the power is turned on, it may take some time until the screen appears.
- When the power is turned on for the first time, the initial setup screen appears. For details on initial setup, see "Making Initial Settings" (▶P.26).
- If the unlocking method is set in "Configuring the Screen Lock Type" (▶P.74), unlock the screen using the set method.


Power OFF

- 1 Press and hold  (Side Button)/Fingerprint Sensor.
Handset options screen appears.
- 2 Tap [\[Power off\]](#) > [\[Power off\]](#).



- Tapping  on Quick Panel (▶P.35) also runs [\[Power off\]](#).

Restarting


- 1 Press and hold  (Side Button)/Fingerprint Sensor.
Handset options screen appears.
- 2 Tap [\[Restart\]](#) > [\[Restart\]](#).



- Tapping  on Quick Panel (▶P.35) also runs [\[Restart\]](#).

Forcibly Restarting

If the power does not turn off or the screen stops working in the usual way, perform a force-restart.


- 1 Press and hold  (Side Button)/Fingerprint Sensor and Volume Down Button simultaneously for 7 seconds or more.



- Note that some data and settings may be erased due to force-restart operation.

Starting Up in Safe Mode


When unstable operations or other issues occur, start up handset in "Safe Mode", which is a startup mode for diagnostics.

- 1 Press and hold  (Side Button)/Fingerprint Sensor for 2 seconds or more.
- 2 When the Samsung logo appears, press and hold Volume Down Button.

When Safe mode activates, "Safe mode" appears on the lower left corner of the screen.

- To end Safe mode, turn on handset again.



- Safe mode might not be activated depending on the timing of pressing Volume Down Button. In this case, with handset running, press and hold  (Side Button)/Fingerprint Sensor > touch & hold [Power off] > [Safe mode] to restart in Safe mode.
- Before starting Safe mode, back up any important data.
- Widgets created by the customer might not function properly.
- As Safe mode is not the normal startup state, exit Safe mode to use handset under normal circumstances.

Locking the Screen/Unlocking the Screen

Screen Lock


Locking the screen prevents erroneous operation of Touchscreen.

Additionally, handset automatically turns off the screen after a set period of time and locks the screen about 5 seconds after that.


- 1 Press  (Side Button)/Fingerprint Sensor when the screen is on.


The screen turns off and is locked.



- Set the amount of time before the screen turns off in [Screen timeout] (►P.72).
- When carrying handset in a bag, be sure to set the screen lock to prevent erroneous operation. Also make sure  (Side Button)/Fingerprint Sensor is not pressed while handset is in a bag.

Unlocking the Screen

Lock Screen appears when the power is turned on or when the screen is on by pressing  (Side Button)/Fingerprint Sensor.

- 1 Press  (Side Button)/Fingerprint Sensor when the screen is off.

Lock Screen appears.

- 2 Flick (swipe) in any direction on the screen to unlock handset.



- If the unlocking method is set in, "Configuring the Screen Lock Type" (►P.74), unlock the screen using the set method. If the unlock method is set to [None], the lock screen.

Making Initial Settings

When handset is turned on for the first time, the initial setup screen appears automatically. Follow the on-screen instructions to set the features.

- The operation varies depending on the network connection and the settings skipped.
- Tap [Skip] to skip applicable setting.

- 1 Check that [English] is displayed > tap [Start].

- 2 Review the contents of the items shown on the screen, select the applicable check boxes > [Agree].

- 3 If necessary, copy settings and other information from another handset.

- 4 Set up Wi-Fi® (►P.64).

- 5 If necessary, copy apps and data.

- 6 Set up your Google account.

- The Google account setup screen appears. For details on setting up a Google account, see "Creating a Google Account" (►P.27).

- 7 If necessary, set up the method used to protect handset.

- 8 If necessary, set up Google services.

- 9 Check other apps > [OK].

- 10 If necessary, set up a Samsung account.

- For details on setting up a Samsung account, see "Creating a Samsung Account" (►P.27).

- 11 Check legal information about Samsung services.

- 12 If necessary, set the permissions for Samsung services.

- 13 Select the display mode > [Next].

- Depending on the display setting selected, the display screen might differ.

- 14 Once the "You're all set up!" screen appears, tap [Home].

Creating a Google Account

Set up a Google account on handset to use Gmail, Google Play, and other Google services.

The Google account setup screen appears the first time an app that requires a Google account is started.

- 1 Google account setup screen > [Create account] > [For my personal use]/[For my child]/[For work or my business].

If you already have a Google account, tap [Email or phone] > enter your e-mail address > tap [Next].

- 2 Follow the on-screen instructions.



- Handset can be used even if a Google account has not been set up, but Google services, such as Gmail and Google Play, cannot.
- To log in, a Google account and password are required.
- If a Google account is already set up and a new Google account is being created, the displayed options might differ.

Creating a Samsung Account

To use Samsung services, such as [Lost device protection] (►P.74) and some features of "Store", a Samsung account needs to be set up in advance.

The Samsung account setup screen appears the first time an app that requires a Samsung account is started.

- Operate remote control from SmartThings Find.
For information on SmartThings Find, see the following website:
<https://smarthingsfind.samsung.com> (Japanese)

- 1 Samsung account settings screen > [Forgot password or don't have an account?] > [Create account].

If you already have a Samsung account, tap [Email or phone number] > enter your email address* > [Next] > enter your password.

* In some countries and regions, phone numbers can also be entered.

- 2 Review the contents of the terms and conditions shown on the screen > [Agree].
- 3 Enter the required items and settings > [Create account].
- 4 Follow the on-screen instructions to authenticate the account.



- The password for the set Samsung account will be required to reset handset and other actions. Make sure to make a note of the password in case you forget it.

Basic Operations

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Using Touchscreen

Display on handset is a Touchscreen operated by touching it directly with your finger.

- The Touchscreen is designed to be touched lightly with fingers. Do not push it forcibly with your finger or press it with sharp objects (fingernails, ballpoint pen, pin etc.).
- Touching the Touchscreen may not work in the following cases. Note that doing any of the below actions may cause malfunction.
 - Operation with gloved hands
 - Operation with fingernails
 - Operation with a foreign object placed on Touchscreen
 - Operation with a commercially-available protective film or sticker on Touchscreen
 - Operation with water drops left or frozen on Display
 - Operation with wet or sweaty fingers
 - Operation under water

■ Tap/Double tap

Touch the screen lightly, then immediately release your finger. The operation of tapping the same spot twice in succession is called a double tap.



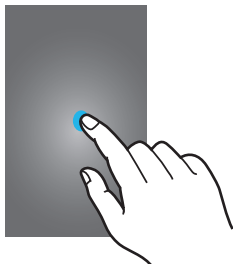
■ Drag

Keep touching the icon or other object and move your finger to the desired position.



■ Touch & hold

Touch the screen lightly and leave your finger there for a few seconds. When the screen changes, take your finger off the screen.



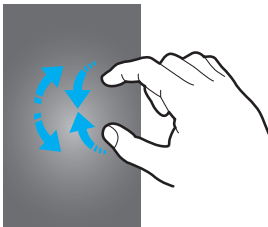
■ Flick (swipe)

Touch the screen lightly and move your finger in any direction.



■ Pinch

Touch the screen with two fingers and widen or narrow the distance between your fingers.



Using the Navigation Bar

The Navigation bar at the bottom of the screen displays icons for operating the screen. The names and actions of the icons are shown below.

Icon	Overview
III	History Button Displays a list of running apps, recommended apps, and so on. If there are any recently used apps, a history list also appears.
□	Home Button Displays Home Screen. You can also use "Gemini" by touching & holding.
<	Back Button Returns to the previous screen.
🗣️ / ⌨️	🗣️ (Voice Input Button) / ⌨️ (Keyboard Button) Tapping 🗣️ / ⌨️ enables function to configure the voice input/input method settings. <ul style="list-style-type: none">• Touch & hold 🗣️ / ⌨️ > [Input method] / [Voice Input] to switch the button to be displayed.• On the app list screen, tap [Settings] > [General management] > [Keyboard list and default] > turn on [Keyboard button on navigation bar] to show 🗣️ / ⌨️ when the keyboard is used.



- On the app list screen, tapping [Settings] > [Display] > [Navigation bar] enables function to set the display of the Navigation bar and configure other settings.
- To change the placement of History Button and Back Button, on the app list screen, tap [Settings] > [Display] > [Navigation bar] > [Other options].
- III > Tapping [⋮] > [Settings] enables function to show or hide the history screen of recommended apps and configure other settings.

Home Screen Layout

Home Screen consists of multiple screens, which can be changed by flicking (swiping) them to the left or right (►P.30).

Tap  to display Home Screen.



Home Screen

① Widgets

Some widgets can be started or operated by tapping on them.

② Quick search box

Tapping this field displays the search screen.

③ App/Folder

- App: Tapping the app starts it.
- Folder: A folder is a grouping of multiple app icons. Tapping a folder displays a list of apps inside the folder.

④ Home Screen page location

These dots indicate which screen is currently displayed.

⑤ Dock

You can arrange apps and folders. Apps and folders placed in the dock are always displayed even if Home Screen page is moved to the left or right

⑥ Navigation bar (►P.30)

⑦ Edge panel handle (►P.33)



- For some apps, touching & holding an icon on Home Screen or app list screen will display a shortcut list.

Customizing Home Screen

■ Adding Shortcuts/Widgets

Add shortcuts and widgets for applications, bookmarks, and so forth to Home Screen.

A widget is an app that can be added to Home Screen.

1 Touch & hold the wallpaper where there is no icon on Home Screen.

- To add an app shortcut, flick (swipe) Home Screen up, and go to step 4.

2 Tap [Widgets].

3 Flick (swipe) the screen up and down > Select the type of widget to add to Home Screen.

4 Touch & hold the widget to add to Home Screen.

- To add an app shortcut, touch & hold the icon to add to Home Screen > tap [Add to Home].

5 Drag to where to add the widget to and take your finger off the screen.

If a screen related to data selection or settings appears, follow the on-screen instructions.

- Dragging the widget to the left or right edge of Home Screen functions to move it to another page.
- For widgets that can be resized, an size adjustment frame will appear. You can change the size of the widget by dragging the frame.

■ Adding a Folder

1 Touch & hold the icon on Home Screen for which you want to create a folder.

2 Drag to the icon to group in a folder and take your finger off the screen.

3 Enter a folder name > [Done].

Deleting or Moving Shortcuts, Widgets, and Folders

Change the display position of and delete shortcuts, widgets, and folders that are added to Home Screen.

- 1 Touch & hold the icon on Home Screen that you want to move.
- 2 Drag to where to move the icon to and take your finger off the screen.
 - Dragging the icon to the left or right edge of Home Screen functions to move it to another page.
 - Touching & holding the icon > tap [\[Remove\]](#) to delete the icon from Home Screen.



- Removing an app shortcut added to Home Screen does not delete (uninstall) the app itself. However, the app can be deleted by touching & holding the icon > [\[Uninstall\]](#) > [\[OK\]](#).

Arranging Home Screen

Change page positions, add, and remove pages on Home Screen.

To arrange Home Screen

- 1 Touch & hold the wallpaper where there is no icon on Home Screen.
Home Screen will be displayed as thumbnails.
- 2 Touch & hold the thumbnail of Home Screen that you want to move > drag the thumbnail to where to move it to and take your finger off the screen.
 - Tapping [\[🗑️\]](#) on a thumbnail of Home Screen deletes that Home Screen.
 - If a plus symbol [\[+\]](#) is displayed on the thumbnail of Home Screen, tap it to add a Home Screen.



- Tapping [\[🗑️\]](#) enables function to switch to the standard home screen (the Home Screen that appears when you tap [\[🏠\]](#)).

Switching to Easy Mode

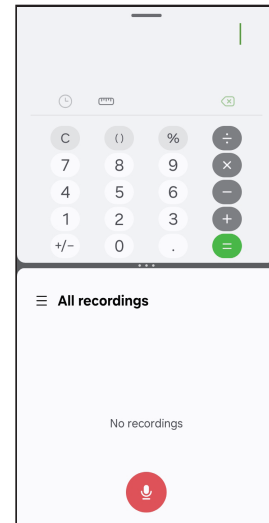
To make the device easy to use even for smartphone beginners, frequently used contacts and phone calls can be displayed on Home Screen with large icons.

- 1 On the app list screen, click [\[Settings\]](#) > [\[Display\]](#) > [\[Easy Mode\]](#).
- 2 For [\[Easy mode\]](#), tap [\[🔍\]](#) to change it to [\[👤\]](#).
Home Screen changes.
 - To return to the original Home Screen, on Home Screen, tap [\[🗑️\]](#) > [\[Settings\]](#) > [\[Display\]](#) > [\[Easy mode\]](#), and for [\[Easy mode\]](#), tap [\[👤\]](#) to change it to [\[🔍\]](#).

Displaying Apps in Split Screen View

Display two screens on the screen as pop-up windows to use different apps at the same time.

- This feature might not be available for some apps.



Split Screen

- 1 With the app to be displayed in split screen activated, tap [\[≡\]](#).
A thumbnail of the running app appears.
- 2 Tap the icon at the top of the app thumbnail > [\[Open in split screen view\]](#).
- 3 Tap the other app to display in split view.



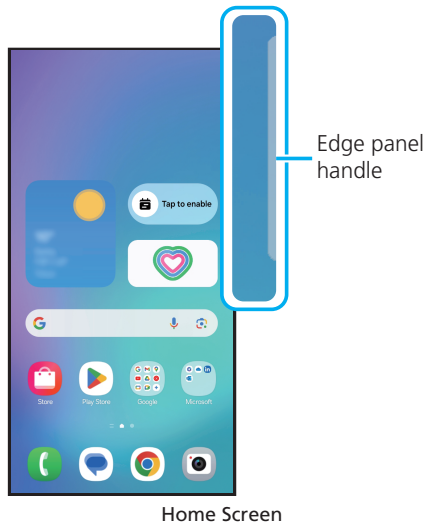
- To exit split screen view, tap [\[≡\]](#) > flick (swipe) up the split screen thumbnail.

Using the Edge Panel

Register your favorite apps on the edge panel.

- 1 Flick (swipe) the edge panel handle toward the center of the screen.

The edge panel appears.



- Flick (swipe) the edge panel to change the edge panel.
- If the edge panel is set to off, on the app list screen, tap [Settings] > [Display], and for [Edge panels], select [] to change it to [] to turn edge panels on.

Setting Up the Edge Panel

- 1 Flick (swipe) the edge panel handle toward the center of the screen.

The edge panel appears.

- 2 Tap [].

The panel settings screen appears.

- 3 Select or clear the edge panels to add or delete.

- Tapping [Edit] on the edge panel enables function to edit the edge panel.

Setting the app to be registered.

- 1 On the panel settings screen, tap [Edit] under [Apps].

- 2 Tap the app to be registered.

- Tapping [] on a registered app enables function to remove a registered app from the edge panel.
- Tapping [:] enables you to set how the split screen is displayed and whether recently used apps are shown on the edge panel.
- During split screen view (►P.32), you can create an app pair on the edge panel by tapping [] > [☆] > [Apps edge panel] displayed in the center of the screen.

Setting up the edge panel handle

- 1 On the app list screen, tap [Settings] > [Display].
- 2 Tap [Edge panels] > [Handle].
- 3 Set position, style, etc.

Starting Apps

The app list screen shows the icons of the apps installed on handset. Tapping the icon starts the app.

- When you tap an app icon to use its functions, a communication fee may be incurred depending on the function.

- 1 Flick (swipe) Home Screen up.

The app list screen appears.

- If apps do not fit on one screen, flick (swipe) to the left or right (►P.30) to switch screens.

- 2 Tap the icon of the app to be used.

Customizing the App List Screen

Arrange the icons displayed on the app list screen.

- 1 Touch & hold any icon on the app list screen > drag the icon to where to move it to and take your finger off the screen.

- Dragging the icon to the left or right edge of the app list screen enables you to move the icon to another page.
- Touching & holding the icon and tapping [Uninstall] or [Disable] that appears enables you to uninstall or disable the app. In the case of a folder, touch & hold the folder > [Delete] > [Delete] will delete only the folder and not uninstall the apps in the folder.

Status Bar Layout

The status bar at the top of the screen displays icons indicating the status of handset. Notification indicators, such as a missed call, new e-mail, or other operations in use, are displayed on the left side of the status bar. On the right side, status indicators indicating the status of the handset are displayed.



What Icons Indicate

Major Notification Indicators

Icon	Overview
	Outgoing call/incoming call/in-call
	Missed call
	New Gmail
	New + message
	Data download in progress/completed
	Data upload in progress/completed
	Alarm notification
	Calendar notification
	Error message
	Checking/setting up software updates
	Screenshot captured
	Hidden notification information



- Some notification indicators may appear with overlapping icons, indicating that there are multiple notifications.

Major Status Indicators

Icon	Overview	Page
	Signal strength Level 4 / No signal	-
	Signal strength (during overseas use)	-
	5G data communication status ^{*1} 5G data available / 5G data in use	-
	4G (LTE) data communication status 4G (LTE) data available / 4G (LTE) data in use	-
	Voice service not available	-
	Wireless LAN (Wi-Fi®) communication status ^{*2} Wireless LAN (Wi-Fi®) available / Wireless LAN (Wi-Fi®) in use	P.64
	Connected to a Bluetooth® device	P.64
	[Do not disturb] is on	P.71
	In Airplane mode	P.68
	In Vibrate mode	P.71
	In Mute mode	P.71
	Battery level status 100% / 80% Charging	P.24
	Alarm set	-
	Getting position information	-
	Wi-Fi® tethering (Mobile Hotspot) feature in use	P.66
	Camera in use	-
	Mic in use	-

*1 The 4G network is available outside the 5G area.

*2 Depending on the Wi-Fi® environment being used, the Wi-Fi® standard number may be displayed next to the Wi-Fi® symbol.

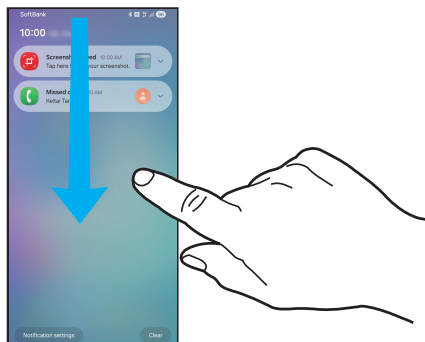
Communication Status

Icon	Voice service	Data service
	Available	Available
	Not available	Available
	Available	Not available
	Not available	Not available

Using Notifications Window

When a notification indicator appears on the status bar, open the Notifications Window for the details.

- To open the Notifications Window, except for the right side of the status bar, slide the screen down. To close the Notifications Window, flick (swipe) up on the screen.



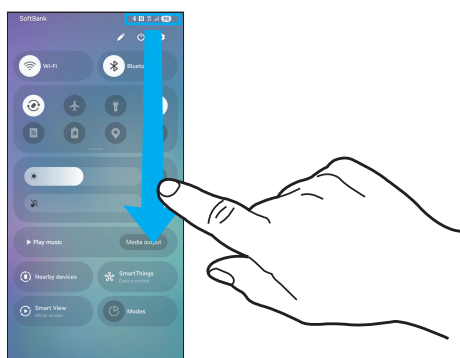
Notifications Window

- Tapping [Notification settings] allows you to set the app notifications.
- Tap [Clear] to clear the screen of in-progress information and notification information (announcements).

Using Quick Panel

Open the Quick Panel to turn various features on and off.

- To open the Quick Panel, slide the screen down from the right side of the status bar (the section shown in the frame in the figure below). To close the Quick Panel, flick (swipe) up on the screen.



Quick Panel

- Slide down on buttons such as [⊕] to check for hidden icons.
- Touch & hold icons to access more advanced settings. Tap [✎] to edit the layouts of displayed icons, etc.

Learning the Basic Operation

This section describes the operations that are frequently used with handset.

Portrait Orientation & Landscape Orientation

Automatically switch between portrait (vertical) and landscape (horizontal) view according to the orientation of handset.



- Tap [🔄] in the Quick Panel (▶P.35) to turn off Auto Rotation, and the screen display will be fixed. When automatic rotation is off, tap [🔄] to allow the screen to rotate when handset is rotated.
- Depending on the screen that is displayed, you might not be able to rotate the screen display even if you change the orientation of handset.

Selecting an Item

To select an item or icon that is displayed, tap on the screen directly.

Switching the Tab

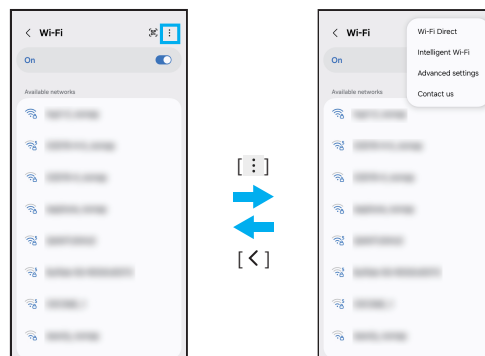
On a screen with tabs displayed, tap the tab to display or check to change screens.



Displaying the Menu

There are various ways to display the screen menu, such as tapping [⋮] or touching & holding an entry field or item.

Example: Tapping [⋮] on the Wi-Fi setup screen



Wi-Fi setup screen

Displaying the Recently Used Apps



Display recently used apps to access them.

1 III


Recently used apps appear in a list.

- Tapping an app in the list starts it.
- Tap [\[Close all\]](#) to remove all apps from the list.
- Tapping the icon at the top of the app thumbnail allows you to check the app information and open the app in split screen view.
- Tapping the icon at the top of the app thumbnail > [\[Open in pop-up view\]](#) enables you to start some apps as a pop-up.
- Apps locked by tapping the icon at the top of the app thumbnail > [\[Lock this app\]](#) will not be removed from the list even if you tap [\[Close all\]](#).

Saving the Screen Display Content as an Image

Pressing Volume Down Button and  (Side Button)/Fingerprint Sensor at the same time allows you to save the currently displayed screen as an image (screenshot). Once the operation is completed,  appears on the status bar.



- Images can be viewed in the [Screen captures] album in "Gallery" (►P.61).
- Depending on the app that is running, you might not be able to capture screenshots.
- To scroll on the screen and continue capturing the viewable area as a single image, tap  on the screen capture toolbar that appears after capturing a screenshot.

Advanced Features

How to Use Advanced Features

Before using advanced features, on the app list screen, tap [\[Settings\]](#) > [\[Advanced features\]](#), and turn on the feature you want to use.


* Some features might not work correctly with all apps.

■ Labs

A trial version is available.

- Some features may not work properly.

■ Side Button

Set the action that occurs when  (Side Button)/Fingerprint Sensor is pressed twice.

■ Multi window

Configures settings for split screen view.

■ Motions and gestures

►P.37 "How to Use Motion and Gesture"

■ One-handed mode

Sets the screen display size to be reduced, and other settings to make it easier to operate handset with one hand.

■ Screenshots

Set the display of the screen capture toolbar after taking a screenshot and the format in which screen captures are saved.

■ Game Booster settings

Sets up a better environment to play games.

■ Galaxy Avatar

Create avatars and use them in various functions.

■ Dual Messenger

Log in to your favorite social media apps with a different account.

Only apps displayed on the Dual Messenger screen are available with Dual Messenger.

How to Use Motion and Gesture

■ Lift to wake

Lifting up handset turns on the screen.

■ Double tap to turn on screen

A double tap operation turns on the screen.

■ Double tap to turn off screen

Double tapping on an empty space on the Home and Lock screen turns off the screen.

■ Alert when phone picked up

If you miss a call, handset vibrates to notify you when you lift it up.

■ Turn over to mute

Mutes incoming calls and alarms by turning handset face down.

Text Entry


Entering Text

Use the onscreen keyboard to enter characters.

To display the onscreen keyboard, tap a character input box in the character input screen when adding contacts, creating a message, etc.

The Samsung keyboard is available at the time of purchase.



- The display and operation of keyboards might differ depending on the way they are used or a keyboard specifically for the app or feature being used might be displayed.
- You can select the input method that you want to use when you tap , which appears when you use the keyboard (►P.30).

Changing the Input Method

- 1 On the app list screen, tap [Settings] > [General management] > [Keyboard list and default] > [Default keyboard].
- 2 Select the input method that you want to use.

Selecting a Type of Keyboard

- 1 On the app list screen, tap [Settings] > [General management] > [Samsung Keyboard Settings].
- 2 Tap [Languages and types].
- 3 Tap [English (US)].
 - Tap [Japanese] to set a Japanese keyboard type.
- 4 Select a type of keyboard.

Samsung Keyboard Layout

The basic setting for the Samsung keyboard (English (US)) mode is the QWERTY keyboard.



QWERTY keyboard

① Displays additional keyboard features.

Available features include symbol input and keyboard settings.

- Tap [...] to expand the display area for additional features. You can change the order of the additional keyboard features.
- When a character is entered, predictive/normal conversion candidates will be displayed. Tap a candidate to enter that character.

② Enters a space.

③ Switch to the entry modes of another pre-set language.

④ Toggle between uppercase/lowercase.

Tap twice to switch to fixed uppercase input.


⑤ Displays a list of numbers and symbols.

⑥ Deletes characters, symbols, and so on to the left of the cursor.

⑦ Keys corresponding to the operation status and the currently selected input field are displayed, allowing the user to confirm the entered character, enter a hard return, move to the next input field, and so on.

Selecting, Cutting, Copying, and Pasting Text

1 Touch & hold the entered text.


Icons (such as ) will appear and the highlighted text will be selected. You can change the selection range by dragging the icons.

2 Tap the feature to use.

Cut	Cuts and/or copies the selected text. The cut and/or copied text is saved to the clipboard.
Copy	
Paste* ¹	Pastes the cut and/or copied text.

*1 Displayed when text data is saved to the clipboard, such as after a cut and/or copy operation.



- Depending on the app, these features might not be available.
- Wording other than shown in step 2 might be displayed.
- Tapping the text input field displays the icons (such as ). Dragging the icons functions to move the cursor. Tapping one of the icons enables function to use [Paste], [Clipboard], and other features.

Text Input Settings

Samsung Keyboard Settings

- 1 On the app list screen, tap **[Settings]** > **[General management]** > **[Samsung Keyboard Settings]**.

2	Languages and types	Sets the input language, its keyboard type, and so on.
	Japanese input options	Configures settings for flick (swipe) input, voice input, Mushroom, and so on.
	Predictive text	Sets whether to display predictive text candidates.
	Auto replace	When a letter is entered, conversion candidates will be suggested. Tapping the space bar enters the suggested candidate.
	Suggest text corrections	You can check the spelling and grammar of the text you have entered.
	Suggest emojis	Sets whether to display emoji candidates.
	Suggest stickers while typing	Sets how sticker suggestions are displayed while typing.
	Text shortcuts	Adds frequently used phrases.
	More typing options	Configure settings such as automatic capitalization and spacing.
	Keyboard toolbar	Sets to show or hide the keyboard toolbar.
	High contrast keyboard	Changes the color of the keyboard to a more vivid color.
	Theme	Sets the keyboard theme.
	Mode	Sets the keyboard display mode in portrait and landscape views.
	Size and transparency	Adjusts the keyboard size and transparency.
	Layout	Sets the layout, including whether to display the number keys on the keyboard.
	Font size	Sets the size of the text on the keyboard.
	Custom symbols	Sets custom symbols.
	Swipe, touch, and feedback	Sets the keyboard swipe control, touch & hold recognition time, and so on.
	Save screenshots to clipboard	Sets whether to save screenshots to the clipboard.
	Select third-party content to use	Gets relevant content as you use the Samsung Keyboard.
	Reset to default settings	You can reset the keyboard settings and erase personalized predictive text.
	About Samsung Keyboard	You can check the Samsung Keyboard version.
	Contact us	Displays how to contact us and other information.

Biometrics

Using the Facial Recognition Feature

The face of the owner of handset can be recognized for security authentication.

■ Precautions for using facial recognition

- Other people who look similar to you, such as a twin, might also be able to unlock handset.
- Facial recognition is less secure than patterns, PINs, passwords, or fingerprints.

■ Precautions for registering your face

- When registering your face, make sure you are not wearing glasses, a hat, or mask, and to check the condition of your beard and makeup.
- Do not register your face in dimly lit environments or with a dirty Camera lens.
- To increase the success rate of recognition, make sure your facial image is not blurred.

Registering Facial Recognition

- 1 On the app list screen, tap **[Settings]**.
- 2 Tap **[Security and privacy]** > **[Screen lock and biometrics]** > **[Face recognition]**.
 - If you have already set one of the unlock methods, perform the authentication operation.
- 3 Set the screen unlock method to **[PIN, Face recognition]**, **[Password, Face recognition]**, or **[Pattern, Face recognition]**.
- 4 Check the displayed image > **[Continue]** > **[Continue]** > **[Register]**.
- 5 Follow the on-screen instructions.

Operating Facial Recognition

- 1 Face Front Camera while Lock Screen is displayed.



- If your face is not recognized correctly, use the unlock method that you specified when registering facial recognition.

Setting up Facial Recognition

- 1 On the app list screen, tap **[Settings]**.
- 2 Tap **[Security and privacy]** > **[Screen lock and biometrics]** > **[Face recognition]**.
- 3 Enter the registered unlock method.
- 4 Set the required items.

Using the Fingerprint Recognition Feature

The fingerprint recognition feature is an authentication operation performed by pressing your finger against Fingerprint Sensor. It can be used to unlock Lock Screen and authenticate a Samsung account.

■ Precautions for Using Fingerprint Recognition

- This feature is designed to use your unique fingerprint information for authentication. For this reason, customers that have insufficient fingerprint information might not be able to use the fingerprint authentication feature.
- Fingerprint registration requires repeated readings with the same finger. Do not register with different fingers.
- Authentication performance (that is, the performance of fingerprints being authenticated when the finger is pressed against handset correctly) will vary depending on the customer's usage conditions. Fingerprint registration may be difficult or authentication performance might decrease depending on the condition of your finger, such as if your finger is wet, sweaty, or dry. In such cases, authentication performance may be improved by washing your hands, wiping your hands, changing the finger to be authenticated, or taking other actions in accordance with the state of your finger.
- To register a fingerprint, place your finger on the sensor release your finger when it vibrates, and repeat. Change the position of your finger each time so that you can scan all the way to the edge of your fingerprint.
- To register a finger print, put your finger on the sensor softly, do not push finger print sensor button.
- Bending your finger or touching Fingerprint Sensor with only the tip of your finger might result in your finger failing to be properly recognized.
- If you do not put your finger strongly enough or release it too soon, it may not be recognized correctly.
- Place the center of your fingerprint as much as possible against the center of Fingerprint Sensor.
- If you start fingerprint registration or authentication with your finger on Fingerprint Sensor, the feature might not activate. Release your finger and redo the operation.
- Fingerprint recognition technology does not guarantee perfect identity authentication and verification. Although the probability of Fingerprint Sensor mis recognizing two different fingerprints is very low, it is possible that different fingerprints with very similar characteristics could be recognized as the same fingerprint. Note that SoftBank takes no responsibility for any damage or lost profits resulting from the use or inability to use handset.

■ Precautions for Using Fingerprint Sensor

- Water droplets or dirt on the surface of Fingerprint Sensor or on your fingertip might cause the sensor to malfunction. Use a soft cloth to remove water droplets and dirt. Blisters on your fingertip may also cause malfunction.
- Do not bump the product or subject it to strong impacts. Doing so may damage or break handset. Do not scratch or poke Fingerprint Sensor surface with a sharp object.
- Handset's fingerprint sensor is located on the side. Hard objects, such as fingernails or strap fittings, may scratch the surface of Fingerprint Sensor.

- Dirt or scratches on the surface of Fingerprint Sensor due to mud or other contaminants might cause it to malfunction or damage to the surface.
- Dirt, such as dust or sebum, moisture, such as sweat, or condensation may make it difficult to read fingerprints or degrade authentication performance. You should clean the surface of Fingerprint Sensor occasionally.
- If fingerprint registration or authentication fails frequently, clean Fingerprint Sensor surface. Doing so might solve the problem.

Setting up the Fingerprint Recognition Feature

Register fingerprints and set the features to be used.



- For details on setting up the unlock operation for Lock Screen, see "Configuring the Screen Lock Type" (▶P.74).

■ Registering the Fingerprint

- 1 On the app list screen, tap **[Settings]**.
- 2 Tap **[Security and privacy]** > **[Screen lock and biometrics]** > **[Fingerprints]**.
 - If you have already set one of the unlock methods, perform the authentication operation.
- 3 Set the method to unlock the screen to **[PIN, Fingerprints]**, **[Password, Fingerprints]**, or **[Pattern, Fingerprints]**.
- 4 Check the displayed image > **[Continue]** > **[Continue]** > **[Done]**.
- 5 Follow the on-screen instructions.

■ Using the Registered Fingerprint to Unlock the Screen

The operation to use a fingerprint to unlock the screen when a fingerprint has been registered is described below.

- 1 On the app list screen, tap **[Settings]**.
- 2 Tap **[Lock screen]**.
- 3 Tap **[Screen lock and biometrics]** > Enter the registered unlock method.
- 4 Tap **[Fingerprints]**, and then for **[Fingerprint unlock]**, tap [] to change it to [].

■ Deleting the Fingerprint

- 1 On the app list screen, tap **[Settings]**.
- 2 Tap **[Security and privacy]** > **[Screen lock and biometrics]** > **[Fingerprints]**.
- 3 Enter the registered unlock method.
- 4 Touch & hold the fingerprint to be deleted > **[Remove]** > **[Remove]**.

Performing Fingerprint Authentication

1 Place your finger on Fingerprint Sensor when the screen is off or while Lock Screen is displayed.

- If your fingerprint is not correctly authenticated, move your finger away from Fingerprint Sensor and then place your finger on Fingerprint Sensor again.



- If your fingerprint is not correctly authenticated, use the unlock method that you specified when registering your fingerprint.

Phone

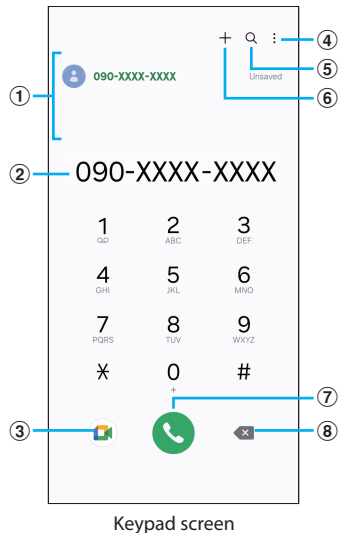
Phone	44
Placing Calls	44
Answering Calls	45
Using VoLTE	46
HD Voice	46
Using Answering Message	46
Checking Your Own Phone Number	46
Settings for Call Related Features	47
Optional Services	48
About Optional Services	48
Using Contacts	49
Adding New Contacts	49
Checking/Editing Contacts	50
Placing Calls from Contacts	50
Using the Menu in Contacts	50
Importing/Exporting Contacts	50

Phone

The steps while placing calls are described here with the call screen maximized.

Placing Calls

- 1
- On Home Screen, tap .
- If the Keypad screen does not appear, tap [\[Keypad\]](#).



- 1

Search result field
As a number is entered, contacts, call history, and so on are searched and suggestions appear.
- 2

Phone number entry field
Displays an entered phone number.
- 3

Google Meet
Make video calls.
- 4


Menu
Displays the menu (►P.44).
- 5


Search
Tap this icon to search contacts and call history by name or phone number.
- 6

Add a contact
Adds the entered phone number to your contacts.
- 7


Call key
- 8

Delete key
Deletes numbers to the left of the cursor.
- 2
- Enter the phone number of the other party.**

Speed dial numbers can be registered and calls can be made (►P.44).
- 3
- Tap .**

The call screen appears.
- 4
- When the call ends, tap .**

Using the Menu on the Keypad Screen

- 1
- Keypad screen > .
- 2
- | | |
|--|--|
| Add 2-sec pause ^{*1} | Enter [,]. When a phone number is entered followed by [,] and a number, 2 seconds after the call is started, the touch-tone signals (numbers) will be sent automatically. |
| Add wait ^{*1} | Enter [,]. When a phone number is entered followed by [,] and a number, after the call is started and the call is connected, the touch-tone signals (numbers) will be sent when [YES] is tapped. |
| Send message ^{*1} | Create and send messages. |
| Speed dial numbers | ►P.44 "Registering Speed Dial Numbers" |
| Open to keypad/
Open to last viewed ^{*2} | Sets how the screen is displayed when the [Phone] app is started. |
| Settings | ►P.47 "Settings for Call Related Features" |

*1

This option is displayed when a number is entered on the Keypad screen.

*2


This option is displayed when numbers are not entered on the Keypad screen.

Operations Available During a Call

The below operations can be performed during a call.


Operation	Description
Record/Stop recording	Starts/stops recording the call.
Hold call/ Resume call	Holds/resumes a call.
Bluetooth	Connects to Bluetooth® compatible handset to call hands-free.
Speaker	Emit the other party's voice from the Speaker to call hands-free.
Mute	Mutes your voice so it is not heard by the other party.
Keypad/Hide	Shows/hides the keypad.


Using the Menu on the Call Screen

- 1
- Call screen > .
- 2
- | | |
|-----------------|--|
| Add call | Adds another party to the call. |
| Add to Contacts | Adds the phone number on the call to contacts. <div><div>If the phone number is already added to contacts, [View contact] is shown. Tap to open the details for the contact.</div></div> |
| Send message | Create and send messages. |

Registering Speed Dial Numbers

When registering speed dial numbers, touch & hold the speed dial numbers on the keypad screen to easily make calls.
If speed dial numbers with two or more digits are used, touch & hold the last digit.

- 1
- Keypad screen >  > [\[Speed dial numbers\]](#).

The speed dial number setting screen will be displayed.
- 2
- Select the speed dial number (2-999).
- 3
- Tap  > Select a contact.



- The answering machine is registered to speed dial number 1, and it cannot be changed or deleted.
- On the speed dial number setting screen, tap registered speed dial numbers to send messages or make calls.
- To delete speed dial numbers, tap the [—] for the speed dial number on the speed dial number settings screen.

Emergency Location Report

If an emergency call is made, the location information at the time of the call is sent to the emergency responder (such as the police). This system is called "Emergency Location Report" and notifies the responder of the location information calculated based on the received base station positioning information.



- No application or communication fees are incurred.
- Depending on the location and the signal reception, the exact location may not be sent. Be sure to verbally inform the emergency call responder of the location and purpose of the call.
- When emergency calls are made with your caller ID not reporting itself, such as when calling [184], your location information will not be reported. However, the emergency call responder might obtain the location information in certain situations, if they determine that there is imminent danger to human life.
- When using international roaming, location information is not sent.

Placing Calls Using Recents

In Recents, the history of outgoing calls, incoming calls, missed calls and declined calls are shown in a list.

1 On Home Screen, tap [☎] > Recents tab.

The Recents screen appears.

- ☎: Incoming call
- ☎: Outgoing call
- ☎: Missed call
- ☎: Declined call
- ☎: An incoming call is automatically declined by setting [Block numbers] (►P.47).

2 Select the person to call.

3 Tap [📞].

Tapping [📞] displays the history details screen.



- Tap [📞] to compose a message.
- Tap [📞] to initiate a video call.
- On the Recents screen, slide the history to the left to send a message or to the right to make a call.

Answering Calls

1 Drag/slide [📞] outside of the circle.

- If the [Incoming call] pop-up screen appears, tap [📞].

2 To end the call, tap [📞].

To Decline a Call

1 Drag/slide [📞] outside of the circle.

- The ringtone stops, the call is ended, and the party on the other end is notified by voice guidance.
- If the [Incoming call] pop-up screen appears, tap [📞].

Respond to the Incoming Call with Answering Message

Even if answering message is not set up, it can be started manually.

1 Slide up [Send message] when receiving a call.

- If the [Incoming call] pop-up screen appears, tap [Send message].

2 Tap [Answering message].

Declining an Incoming Call and Sending a Message (SMS)

1 Slide up [Send message] when receiving a call.

- If the [Incoming call] pop-up screen appears, tap [Send message].

2 Tap the quick decline message to be sent.

- Tap [Write a new message] to compose a message.



- Existing quick decline messages can be edited. For details, see "Editing Quick Decline Messages" (►P.47).

Using VoLTE

Voice over LTE (VoLTE) is a voice call system using LTE.

- This system can be used with other SoftBank/Y!mobile VoLTE-compatible devices. Additionally, both handset and the other device are required to be in the SoftBank 4G LTE (FDD LTE) service area, and the [Network mode] sets [LTE preferred].
- For information on countries and regions that support VoLTE International Roaming, see the following website:

For SoftBank

<https://www.softbank.jp/mobile/service/global/overseas/other-services/volte/> (Japanese)

For Y!mobile

https://www.ymobile.jp/service/global_roaming/ (Japanese)



- To disable VoLTE, on the app screen, tap [Settings] > [Connections] > [Mobile networks] > [Network mode]. Tapping [3G preferred] enables or disables the setting.
- VoLTE uses the 4G service. This system is not available when 4G service is disabled on handset. If VoLTE is not available, check if 4G service is enabled by doing the following:
On the app screen, tap [Settings] > [Connections] > [Mobile networks] > [Network mode].
Checking [Network mode] is sets [5G preferred] or [LTE preferred].

HD Voice

HD Voice supports a wide range of tones, from low to high, enabling more natural and clearer voice calls.

- It can be used with other SoftBank/Y!mobile HD Voice-compatible devices.
- HD Voice is compatible with VoLTE. When combined with VoLTE, voice calls of even higher quality are possible.

Using Answering Message

Set up answering message to play back a recorded message and record the other party's voice when the call could not be answered. The maximum recording time per message is approximately 13 hours.

- 1 On Home Screen, tap [☰] > [⋮] > [Settings] > [Answering message settings].

2	Auto answer with message	Sets whether to automatically answer every call with the answering message.
	Play answering message after	Sets the time until answering the call with the answering message.
	Language	Sets the language of the answering message.
	Recorded answering messages	A list of recorded answering messages is displayed.



- If there is a recorded answering message, slide the status bar down > tap [New recorded message] to display the recorded answering message list and check the recorded message.
- To delete a recorded answering message, on the recorded answering message list screen, tap [⋮] > [Edit] > select the check box for the answering message to be deleted > [⋮] > [Delete] > [OK].

Checking Your Own Phone Number

- 1 On the app list screen, tap [Settings] > [About phone].
 - Your phone number is displayed in [Phone number].

Settings for Call Related Features

1 On Home Screen, tap > [:] > [Settings].

The Call settings screen appears.

2	Record calls	Auto record calls	Sets whether to record calls to or from selected numbers automatically.
		Show notification after recording	Sets whether to notify after call recording is completed.
		Recorded calls	Check the files recorded during a call.
		Storage location	Set the save location for recordings. <ul style="list-style-type: none">• This setting is only displayed when a microSD Card is inserted.
		Delete recording older than 1 month	Delete recordings that were made more than one month ago.
Block numbers		►P.47 "Setting the Block Numbers"	
Call background		Sets the picture or video to be displayed when making or receiving a call.	
Caller information		Configures the display of detailed information about the caller and other settings.	
Call alerts and ringtone	Vibrate when answered	Sets whether to vibrate handset when the call starts.	
	Vibrate when call ends	Sets whether to vibrate handset when the call ends.	
	Play tone when call connects	Sets whether to play a call start tone.	
	Play tone when call ends	Sets whether to play a call end tone.	
	Allow alarm/notification sounds in calls	Sets whether to allow an alarm or other notification sounds during a call.	
	Ringtone	Sets the phone ringtone.	
	Call vibration	Sets the vibration pattern for incoming calls.	
	Vibrate while ringing	Sets whether to also vibrate while ringing. <ul style="list-style-type: none">• Not displayed when handset is set to Mute.	
	Play sound for keypad taps	Sets whether to play a sound when the keypad is tapped.	
	Vibrate for keypad taps	Sets whether to vibrate when the keypad is tapped.	
Answering and ending calls	Gesture to answer calls	Select a gesture to use to answer an incoming call.	
	Answer using speaker	Uses Speaker if no headset or Bluetooth® devices are displayed.	
	Read caller names aloud	Set whether to read caller name out loud.	
	Answer automatically	Set whether to answer a call automatically after the set time has passed when a headset or a Bluetooth® device is connected.	
	Press "Volume up" to answer calls	Set to answer a call by pressing Volume Up Button.	
	Press Side Button to end calls	Set to end a call by pressing ⏏ (Side Button)/Fingerprint Sensor.	
Quick decline messages		►P.47 "Editing Quick Decline Messages"	

Call display while using apps		Set how the incoming call screen is displayed when using another app.
Answering message settings		►P.46 "Using Answering Message"
Call service settings		Set the outgoing call restrictions.
Voicemail		Set up voicemail settings.
Supplementary services		Set to show your caller ID.
Other call settings	Hide contacts without numbers	Only contacts whose phone numbers are registered will be displayed on the [Contacts] tab.
	Swipe to call or text	In the [Phone] or [Contacts] app, set whether to flick (swipe) a contact or phone number to make an outgoing call or send a message.
Permissions		Check permissions related to this app.
About Phone		Check information about this app.
Contact us		Displays how to contact us and other information.

Setting the Block Numbers

Once a phone number is added to [Block numbers] (►P.47), incoming calls from that number will be automatically declined.

■ Adding a Phone Number to [Block numbers]

Save phone numbers to block incoming calls.

1 Call settings screen > [Block numbers].

- Turning on [Block calls from unknown numbers] will decline incoming calls from unknown numbers.

2 Enter a phone number to block.

- Tap [Recents]/[Contacts] to select contacts from call history or contacts.

3 Tap [+].

Editing Quick Decline Messages

Edit the message (SMS) to be sent when a call cannot be answered.

1 Call settings screen > [Quick decline messages].

The Quick decline messages screen appears.

2 Select the quick decline message to be edited.

3 Edit the quick decline message > [Save].



- To create a new quick decline message, enter a message into the [Write new message] field > tap [+].
- To delete a Quick decline message on the Quick decline messages screen, tap [-] for the message to be deleted.

Optional Services

Convenient optional services for voice calls are available.


About Optional Services

The below optional services are available from SoftBank/Y!mobile.

Service	Description
Call Forwarding	When handset is out of range or unable to receive calls, the system forwards calls to a pre-designated phone number.
Voice mail*	When handset is out of range or unable to receive calls, the answering machine center takes a message.
Call Waiting*	Incoming calls can be answered during a call.
Group Calling*	Multiple people can be called at the same time.
Caller ID notification	Choose whether to notify the other party of your phone number.
Call barring	Incoming and outgoing calls can be restricted according to the situation.*
Fixed amount stop*	If the amount you use exceeds the set amount, calls (voice transmission, email service, packet communication) will be suspended.
Number block*	You can set it up so that you don't get prank or annoying calls from the next time you come.


* Requires separate subscription

Using Call Forwarding

- 1 On Home Screen, tap  > [:] > [Settings] > [Call service settings] > [Voicemail/Call Forwarding].
 - Follow the on-screen instructions.



Using Voice mail

To use this service, a separate application is required.

- 1 On Home Screen, tap  > [:] > [Settings] > [Call service settings] > [Voicemail/Call Forwarding].
 - Follow the on-screen instructions.



Using Call Waiting

To use this service, a separate application is required.


- 1 On Home Screen, tap  > [:] > [Settings] > [Call service settings] > [Call Waiting] > [].
 - Follow the on-screen instructions.
 - When a call is received during a call, an interrupt tone is played.

Using Group Calling

To use this service, a separate application is required.


- 1 Call screen >  > [Add call].
- 2 Enter the phone number of the person to be added .
 - Follow the on-screen instructions.

Using Caller ID Notification

- 1 On Home Screen, tap  > [:] > [Settings] > [Supplementary services] > [Show your caller ID].

Using Call Barring

Restrict calls and SMS messages from being sent or received to set phone numbers.

- If an attempt is made to make a call or send an SMS while outgoing call restrictions are in effect, a message will appear stating that an outgoing call cannot be made. Depending on the location, it may take some time until it is displayed.
 - Sending of SMS messages might not be restricted in certain areas.
- 1 On Home Screen, tap  > [:] > [Settings] > [Call service settings] > [Incoming Call Barring]/[Outgoing Call Barring].
 - Follow the on-screen instructions.

Using Contacts

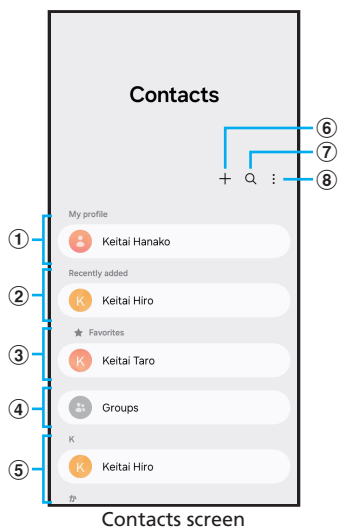
Adding New Contacts

The Contacts screen in phone book (contacts) shows various information about your contacts. A picture can also be added to a contact.



- Data added to phone book may be lost or corrupted if handset is left with no battery power. The same may also be true if an accident or malfunction occurs. It is recommended that you keep a copy of important contacts. The company assumes no responsibility for any damage caused by the loss or corruption of phone book.
- Use "Registering an Account" (►P.77) to synchronize contacts on handset with Google contacts and other contacts saved on a server.

1 On the app list screen, tap [Contacts].



Contacts screen

- 1 My profile** (►P.49 "Editing My Profile")
- 2 Recently added**
- 3 Favorites**
- 4 Groups**
Manage and use your contacts by the groups set up when adding contacts.
- 5 List of contacts**
Tapping a contact displays the contacts details screen. Tap an icon to make a call or send a message.
- 6 Add**
Add new contacts.
- 7 Search**
Tap this icon to search contacts by name or phone number.
- 8 Menu**
Displays the menu.

2 Tap [+].

The Add new contact screen appears.

- When setting up a Google or another account, the [Where to save contacts] pop-up screen will appear when creating a new account for the first time. Follow the on-screen instructions to select a save destination.

3 Enter a name.

Tap [✓] displayed on the right side of the name input field to input honorific titles.

4 If necessary, enter other items and settings.

5 Tap [Save].

Adding a Contact to Favorites

1 Contacts screen > tap the contact to add.

The contact details screen appears.

2 For [Favorites], tap [☆] (white) to change it to [★] (yellow).

The contact is added to the [Favorites] field on the contacts screen.

Editing My Profile

1 Contacts screen > Tap My profile.

- If My profile has not been created, handset's phone number is displayed.
- If a Samsung or another account was registered during initial setup, the information saved in your account will automatically be reflected in My profile.

2 Tap [Edit] > Enter the required items > [Save].

Checking/Editing Contacts

- 1 Contacts screen > tap the contact to be checked or edited.

The contact details screen appears.

■ To Edit a Contact

Contact details screen > [Edit].



- Flick (swipe) a contact to the left on the Contacts screen to create and send a message or to the right to make a call.

Checking Contacts in a Group

Manage and use your contacts by the groups set up when adding contacts.

- 1 Contacts screen > [Groups].

The group list appears.

- 2 Tap the group to check > tap the contact.

The contact details screen appears.

■ Adding/Editing a Group

- 1 Contacts screen > [Groups].

- 2 Tap [+].

- To edit a created group, Contacts screen > [Groups] > tap the group to be edited > [⌵].

- 3 Enter a group name.

- 4 Tap [Add member] > select the check box for the contact to be added > [Done].

- 5 Tap [Save].



- To delete a group, Contacts screen > [Groups] > tap the group to be deleted > [⌵]>[Delete group] > [Delete group only]/[Delete group and move members to the Trash]. If [Delete group only] is selected, the members will not be removed from your contacts.

Placing Calls from Contacts

- 1 Contacts screen > tap the contact to call.

- Flicking (swiping) a contact to the right will also make a call.

- 2 Tap [☎].

Using the Menu in Contacts

On the Contacts screen, tap [⋮] to display the menu items and perform operations, such as deleting contacts, sharing, and so on.

Importing/Exporting Contacts

Import or export contacts to or from storage (handset), microSD Card, or SIM Card.

- Depending on the contact, some data may not be imported or exported.

Importing Contacts

Import contacts saved in storage (handset) or on a microSD Card/SIM Card.

- 1 Contacts screen > [⋮] > [Settings].

- 2 Tap [Import contacts].

- 3 Tap [Phone] > select contact > [Done].

- If [Phone] was selected, tap [Internal storage], [SD card], or another option, select the folder to which the contact was exported, and then select the contact to be imported.

- 4 Tap [Phone] > [Import].

If a Google or another account is setup, that account name can be selected.

- 5 Tap [OK].

Exporting Contacts

Export contacts to storage (handset), microSD Card or SIM Card.

- 1 Contacts screen > [⋮] > [Settings].

- 2 Tap [Export contacts].

- 3 Tap [Internal storage]/[SD card]/[SIM 1] > [Export].

- If [Internal storage]/[SD card] is selected, all contacts will be exported.
- If [SIM 1] is selected, the contacts to be exported can be selected.

- 4 Tap [OK].

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+Message

+Message is an application that allows you to exchange messages using phone numbers. Some functions may have been updated when you start using this application. In that case, please refer to the following website:
<https://help.mb.softbank.jp/app/plusmessage/sp/> (Japanese)


When Using a +Message

When you activate this application for the first time, dialogs for confirming permissions and terms of use are displayed. Read them and navigate through dialogs following the instructions displayed on the screen.

About +Message Mode

With +Message, you can send stamps, photos, videos, and other contents if the destination user also uses +Message. If the destination user does not use +Message, you can only send texts with SMS.

Message Types

With  (+Message) send and receive three types of messages. The message types that can be used are as follows.


Item	Description
+Message	Devices which use this application can use a mobile phone number as the destination to send and receive messages. In addition to images and videos, send stamps, location information, etc. Up to 2,730 full-width characters can be sent and received.
SMS	Send and receive messages of up to 670 characters (1,530 characters if only half-width alphanumeric characters) to a mobile phone number as the destination.
S! Mail	This is an email that can be sent and received not only by SoftBank mobile phones (devices that support S! Mail), but also by other companies' mobile phones, computers, and other devices that support email. It can send longer messages than SMS, and can also attach images and videos.

Y!mobile Mail




The Y!mobile Mail app is the official Y!mobile email app. In addition to a Y!mobile email address (@yahoo.ne.jp), multiple email accounts, such as Yahoo! email (@yahoo.co.jp), SMS/MMS, and Gmail, can be used. It also supports a conversational display format for smoother communication with family and friends.

For details, refer to the following Y!mobile website:
<https://www.ymobile.jp/service/ymobile/mail/> (Japanese)


Using a Y!mobile Email Address

- 1 On the Home Screen, tap .
- 2 Tap **[ログインする]**(Log in).
- 3 Tap **[リスト型]**(Listed)/**[会話型]**(Conversational).
- 4 Select a color > **[Y!mobile メールをはじめる]** (Start Y!mobile Mail).



Sending a Y!mobile Email

- 1 On the Home Screen, tap .
- 2 Tap .
- 3 Tap **[+]** > Select a contact > **[決定]**(Done).
- 4 Enter a subject and the text.
- 5 Tap .

Receiving a Y!mobile Email

- 1 On the Home Screen, tap 
 - You can refresh the email list by sliding it downward.
- 2 Tap a received email.

Using the Y!mobile Mail Menu



- 1 On the Home Screen, tap .
- 2 Tap  > **[設定]**(Setting).

Using Gmail

Gmail is a mail service provided by Google. With this handset, you can check, send, and receive mails by Gmail.

- You need to configure your mail address to use Gmail.
If the mail address configuration screen is displayed, configure settings following the instructions displayed on the screen.

Sending a Mail by Gmail

- 1 On Home Screen, [Google] > [Gmail].
 - When a confirmation dialog is displayed, follow the instruction displayed on the screen.
 - 2 Tap .
 - 3 Tap [To] > Enter a destination > [Add destination].
 - 4 Tap [Subject] > Enter a subject.
 - 5 Tap [Compose mail] > Enter a body text.
 - 6 Tap .
- You can save the draft text by [⋮] > [Save draft].

Receiving a Mail by Gmail

- 1 On Home Screen, [Google] > [Gmail].
 - You can refresh the mail list by sliding it downward.
- 2 Tap a received mail.

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Internet Connection

Connecting to the Internet

Connect to the Internet using data communication or a wireless LAN (Wi-Fi®).

- Data communication (▶P.56 "Data Communication Usage Precautions")
- Wireless LAN (Wi-Fi®) function (▶P.64 "Connecting by Wi-Fi®")

Data Communication Usage Precautions

- A high data communication fee is incurred if you engage in activities that involve large-volume data communication such as viewing websites that contain images, downloading videos, and using an application that uses data communication. We recommend that you subscribe to a flat-rate data plan.
- Communication speeds may be automatically restricted to prevent excessive strain on the network when continuously sending/receiving large amounts of data at one time, or if the network is congested.

TLS Usage Precautions

- TLS (Transport Layer Security) is a protocol (communication terms) for encrypting data for sending/receiving. While in a screen connected by TLS, data is encrypted to safely send/receive private information, credit card numbers, corporate secrets, etc., to provide protection against online threats (eavesdropping, falsification, impersonation, etc.).
- When opening a secured page, users must decide as their responsibility whether or not to open the page with use of TLS. SoftBank Corp. and the Certification DigiCert Japan G.K. and Cybertrust make no guarantees whatsoever to users regarding security of TLS.

Using Chrome

Displaying a Website

1 On Home Screen, .

The browser screen appears.



- On the browser screen, you can scroll/flick (swipe) to scroll the screen, and touch & hold an area on the screen to copy text, etc.

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Applications

Installing Applications

A Google account (▶P.27) is required to use Google Play.

1 On Home Screen, [Play Store].

The Google Play screen appears.

2 Search applications > Tap the target application.

3 Tap [Install] for a free application or tap the price for a paid application > Follow the instructions.

The application starts to be downloaded and installed.



- If you need help or have a question about Google Play, tap the icon in the top-right corner of the Google Play screen, and then tap [Help & feedback].

Deleting an Installed Application

Before deleting an installed application, back up all application-related contents that you want to retain, including those saved in the application.

- Some applications cannot be deleted.

1 On the app list screen, [Settings] > [Apps].

2 Tap the application to delete.

3 Tap [Uninstall] > [OK].



- Any application downloaded from Google Play can be uninstalled.
- To erase data saved in an application, tap [Setting] > [Apps] on the app list screen, tap the application to erase data from, and then tap [Storage] > [Clear data] > [Delete].
- To erase the cache content of an application, tap [Setting] > [Apps] on the app list screen, tap the application whose cache content is to be erased, and then tap [Storage] > [Clear cache].

Applications list

Listed applications and application names may be different depending on the contract or usage conditions.

* The below list of apps is written in the order shown on the app list screen for SoftBank handsets at the time of purchase.

Application	Overview	Page
イチ推し! (Ichi-oshi!)* ³	Ichi-oshi! is an application that lists especially recommended applications offered by SoftBank.	—
さとふる (Satofuru)* ³	Satofuru is an official application of the hometown tax website. Hometown tax is a system that allows you to make donations to the local government you want to support, and you can receive gifts such as specialty products from the local government. It supports you with push notifications and announcements, and the shipping status of your gifts after your donations, until they are delivered. In addition, quickly calculate the deduction limit by using the deduction amount simulator, and easily check the balance remaining to the deduction limit in My Page.	—
HELPO	This is a link application to the introduction page for the health and medical care support application HELPO. It provides chatting via the health and medical care consultation chatting, and at-home medical treatment that can be received anytime 24 hours a day, 365 days a year, it also provides online medical treatment, which is also available on Saturdays and Sundays, and health support that allows you to earn points with the number of steps you take. SoftBank, Y!mobile, and LINEMO users can get special benefits by subscribing at its special site.	—
LINE MUSIC	This is a flat-rate music service where you can enjoy music ranging from famous songs to the latest hit songs. Enjoy music such as the latest rankings, music videos, karaoke.	—
My SoftBank	With this application, the user can easily check their bill and data usage. The user can also check and change their billing plan, optional subscriptions, and various mail settings.	—
PayPay	With this application, the user is able to make payments with their smartphone easily and economically. PayPay can be used for payments at stores throughout Japan, as well as for network services and utilities. Definitely use PayPay the economical and convenient cashless payment service for everyday shopping.	—
Y!ショッピング (Y! Shopping)	Y! Shopping is one of the largest shopping malls in Japan operated by Yahoo! JAPAN. A wide range of goods are available including goods of famous brands, popular home electronics, foods, gifts, and everyday necessities. Users can earn PayPay points when they shop, and use them when making payments, which makes it even more economical and convenient for users to use Y! Shopping.	—

Application	Overview	Page
Yahoo!	Yahoo! JAPAN enriches your life by providing information including a selection of news, sports and entertainment news, and weather forecasts. It also provides convenient features such as a search function and push notifications of disaster information. Explore Yahoo! JAPAN also with your smartphone.	—
Wi-Fiスポット設定 (Wi-Fi spot setting)* ³	This application automatically connects (and logs in) handset to Wi-Fi spots in areas where SoftBank Wi-Fi Spot service is provided. Subscription is required to use the SoftBank Wi-Fi Spot service.	—
データコピー (Data Copy)* ³	This application enables the user to easily copy data such as the address book and mails in iPhone and other types of smartphones. This application enables the user to copy data easily and quickly by directly connecting to the source or destination device, without using a server or SD Card. This application is handy for copying data to a new device from handset that has been used when changing devices.	—
SmartThings* ¹	Enables the user to manage smart appliances and IoT devices.	—
Voice Recorder* ¹	Records audios.	—
My Files	Enables the user to view and manage data such as photos, videos, and music.	—
Health* ¹	Supports your health management by recording calories burned and other information.	—
Wearable* ¹	Enables the user to manage peripherals connected to handset.	—
Members* ¹	Starts Members.	—
Find* ¹	Enables the user to search for a Samsung device or other device that is lost.	—
Google	Enables the user to search handset and websites.	—
Chrome	Google's web browser application.	P.56
Gmail	Use Gmail.	P.53
Map	This application enables the user to find the current location, search for a different location, and search for a route.	—
YouTube	Plays videos in YouTube.	—
Drive* ¹	Images, videos, and other contents can be saved and shared in Google Drive.	—
Google TV* ¹	Enables the user to rent Google Play movies and TV programs, and play videos saved in handset.	—
Meet	Enables the user to have secure video conferences with their team.	—
Photos	View photos and videos. Log in to Google Photos, and also back them up.	—
Microsoft 365 (Office)* ^{1,2,3}	Microsoft Office application for Android devices.	—
M365 Copilot* ^{1,2,4}	Microsoft content and tools in one place, for work and daily life.	—
OneDrive	Files and photos saved in OneDrive can be accessed and shared from smartphones, tablets, and computers.	—
LinkedIn* ^{1,2}	By registering your profile, the user can showcase their career to the world. Also, various functions are available to support their business.	—

Application	Overview	Page
Outlook* ¹	Microsoft mailing application for Android devices.	—
あんしんフィルター (Anshin Filter)	Protects children from improper websites and harmful applications for secure use of smartphones and tablets. Subscription is required to use the Anshin Filter service.	—
セキュリティOne (Security One)	Protects the smartphone from dangers and threats to provide secure access to websites, mails, phone calls, and Wi-Fi®. Application for Security Pack Premium is required to use this service.	—
Urgent News	This service broadcasts emergency information to users in the affected area. Information being broadcast includes earthquake early warnings and tidal wave warnings from the Meteorological Agency, as well as disaster, evacuation, and special notifications from local public agencies. Handset receives emergency mail which is automatically displayed whose reception is unaffected by network congestion.	—
Disaster Message Board	With this message board, users can register, check, and delete well-being information, when a large-scale disaster, such as an earthquake occurs with a low 6 or stronger seismic intensity. In addition, notifications about well-being information can be automatically sent to pre-specified mail addresses that are registered.	—
Anshin Data Box	Enables the user to save data easily. With the automatic backup function, the user can restore their precious photos, videos, and contacts in the event of failure or loss of handset.	—
スマートフォン安心遠隔ロック (secure remote lock for handset)	Handset can be locked remotely in the event of loss or theft. Furthermore, the user can remotely erase data such as the address book, mails, and call history for improved security.	—
Wallet* ¹	Samsung Wallet is available.	—
Store	Enables the user to download useful applications and update an application that has been installed.	—
Play Store	Enables the user to download or purchase applications.	—
Gemini	Combine Google's AI assistant with the functions of the applications on the device to perform various operations.	—
Facebook* ¹	A free, "real-name system" communication application that allows users to connect with familiar persons such as friends, family, and communities of people who share the same interests and concerns.	—
Spotify* ¹	An audio streaming service that provides free access to the latest music and music on playlists and podcasts collected from all around the world regardless of genres.	—
Phone	Provides indications of incoming/outgoing calls and shows the call history.	P.44
Message	Simple and convenient messaging application of Google.	—
Camera	Used to shoot photos and video.	P.60
Gallery	Used to view photos and videos.	P.61
Watch* ¹	Enables the user to set an alarm and place a watch on the screen.	—
Browser* ¹	An application for viewing websites.	—

Application	Overview	Page
Contacts	Used to organize contacts.	P.49
Setting	Used to set different settings of handset.	P.68
YT Music ^{*1}	Enables the user to search for music to play on YouTube.	—
Calendar ^{*1}	Enables users to organize their schedules.	—
Calculator ^{*1}	Provides basic calculation functions.	—
Notes ^{*1}	Enables the user to enter a text or write a handwritten memo.	—
Gaming Hub ^{*1}	Automatically manages all your games together, and enables the user to use additional convenient functions while playing a game.	—
Global Goals ^{*1}	This application enables the user to understand more about the global goals of the United Nations, earn money to donate, and donate to specific goals of concern.	—
Samsung Free ^{*1}	Provides latest news and other information.	—
+Message ^{*3}	+Message (plus message) is a service that enables users of this application to exchange messages with one another or within a group. In addition to long-text messages, users are able to exchange free stamps, photos, videos, location information, and more. This application also contains SMS and S! Mail (MMS).	P.52
TikTok ^{*3}	TikTok is a short video platform application where users can enjoy videos from all over the world. There are plenty of genres such as humorous videos, gourmet foods, healed pets, and informative videos. Users are sure to find videos that they will like.	—
Osaifu-Keitai	Enables users to shop with electronic money, and obtain coupon information by skimming handset over a reader/writer.	—
かんたん設定 (Easy mode setup) ^{*4}	This app makes it easy to perform the initial registration of the Y!mobile service and set up Yahoo! JAPAN apps.	—
Y!mobile メール (Y!mobile Mail) ^{*4}	Y!mobile Mail is the official Y!mobile email app. In addition to a Y!mobile email address (@yahoo.ne.jp), multiple email and messaging accounts, such as Yahoo! email (@yahoo.co.jp), + Message, SMS, MMS, and Gmail, can be used. It also supports a conversational display format for smoother communication with family and friends.	P.52

*1 It is uninstalled by the procedure described in "Initializing Handset" (►P.79). Some applications leave their shortcut icons after they are deleted. To use them again, they must be installed again.

*2 The shortcut application for moving to Play Store. To use the service, the user needs to download and install the application.

*3 Only SoftBank handsets.

*4 Only Y!mobile handsets.



- In the app list screen, there are some applications that are packed in folders, but the table does not show such folders.
- Other than those listed in the table, applications that the user has been using or subscribed to before changing handsets may be displayed.

Camera

Rear Camera of handset has wide-angle, and macro lenses.

Before Using Camera

- With fingerprints and grease on the lenses, Camera cannot shoot clear photos and videos.
Before using Camera, clean the lenses by wiping them with a soft cloth or the like.
- When shooting, be careful not to let fingers and hair touch the lenses.
- Beware of Camera shake. Camera shake causes a blurred photo. Shoot a photo holding handset firmly or use the self-timer feature.
Please note that Camera shake is more likely to happen in places with insufficient light such as a room.
Please also note that Camera shake is likely to happen when the subject moves.
- When shooting a video, be careful not to cover Mouthpiece/Microphone (top, bottom).
The quality of audio captured by Mouthpiece/Microphone (top, bottom), may degrade due to the volume of the recorded voice or the ambient conditions.
- Photos and videos may be blurred if handset is impacted when shooting. If Camera did not focus on the subject, restart Camera.
- Camera may not focus on the subjects listed below.
 - Subject with low contrast such as an unpatterned wall
 - Subject with strong backlight
 - Subject that reflects intense light such as a glossy subject
 - Subject with horizontal repeated patterns such as a window shade
 - When there are a number of subjects at different distances from Camera
 - Subject in a dark place
 - Subject that moves fast
- Do not flash the flash close to eyes because intense light is irradiated from Camera. Do not look straight into the light when flashing the flash. Do not flash the flash toward eyes of other persons. It may cause damage such as deterioration of vision.
- Flash may be turned off when the temperature of handset rises. Flash can be turned on when the temperature of handset falls.
- Even in Silent mode, handset does not mute the shutter sound at the time of shooting a photo, the start sound of video recording, and the end sound of video recording.
- When self-timer shooting is made with handset being placed on an unstable place, handset may drop off by the vibration of Vibrator due to a received call or other events.
- When you copy or edit material that you captured or recorded, refrain from doing so in a way that infringes copyrights. Also, do not use or alter other person's portraits without permission because such acts infringe portrait rights. Please beware that photo/video shooting and audio recording are prohibited in some performances, events, and exhibitions even for personal use.
- If you use camera features of handset in an improper way that causes significant public nuisances, you may be punished by laws, ordinances, or nuisance prevention ordinances.

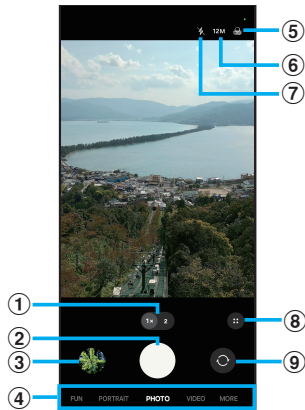
Capturing Still Images/Videos

Camera Screen

Here are details of camera screen when handset is held in the portrait position.

1 On Home Screen, [📷].

Icons are arranged as shown in the figure when handset is activated for the first time after it is purchased.



Camera screen

- ① Camera zoom switch
- ② Shutter button
- ③ Reduced preview
 - The Camera screen shows a reduced preview of a photo or video that was shot just before, and tapping it expands it to a full-scale preview.
- ④ Camera mode switch
- ⑤ Filter effect setting
- ⑥ Image resolution setting
- ⑦ Flash setting
- ⑧ Quick control
 - Used to configure camera settings and the aspect ratio. Some setting items show their indications at the top of camera screen.
- ⑨ Front Camera/Rear Camera switch
 - Flicking (swiping) camera screen downward also switches between the Front Camera and Rear Camera.



- Camera automatically shuts off two minutes after it is opened if it is not operated.
- Camera also starts when [] (Side Button)/Fingerprint Sensor is pressed twice (►P.36).
- Distortion of an image or video captured by the wide-angle lens or other special lenses are not a problem caused by handset.

Gallery

Gallery is used to view and organize photos and videos saved in handset and a microSD Card.

Using Gallery

1 On the app list screen, [Gallery].

Gallery presents the screen of the image list sorted by captured dates, the screen of the album list, or the screen of the story list. If the album list screen is presented, tap an album to show the data list screen.



- When Gallery is activated, the list screen being presented is the one that was presented when Gallery was closed most recently.
- A Samsung account needs to be activated to use some functions (►P.27).

Wi-Fi®/Bluetooth®

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Connecting by Wi-Fi®

Using Wi-Fi® Function

Handset can be connected to the Internet using the user's home wireless LAN (Wi-Fi®) environment or a public wireless LAN service.





- To use the Internet service at home or other private areas, please prepare an Internet connection and a wireless LAN (Wi-Fi®) network function).
- Before using the Internet service while outside the home, find available Wi-Fi® networks where you will visit, at websites of public wireless LAN service providers. Some public wireless LAN service providers require a subscription contract.
- We do not guarantee that handset will connect to all public wireless LAN services.
- With wireless LAN (Wi-Fi®), handset exchanges information using radio waves. Therefore, LAN connection is possible anywhere the radio wave reaches. On the other hand, without security settings, handset is susceptible unauthorized access from malicious third parties. Please make security settings, and use public wireless LAN services on your own judgment and responsibility.

Turning on Wi-Fi® Function

To use Wi-Fi® function, turn it on, search for an available Wi-Fi® network, and then connect to it.

1 On the app list screen, [Setting] > [Connections] > [Wi-Fi].

2 Tap [] to turn it to [].

Wi-Fi® function is activated, and available Wi-Fi® networks are scanned.

It may take some time until Wi-Fi® function is activated.



- When using Wi-Fi® function, check that radio waves are strong enough. The strength of the radio wave of a Wi-Fi® network depends on the position of handset. Stronger radio waves is often available in the vicinity of the Wi-Fi® router.

Connecting by Bluetooth®

Bluetooth® function enables handset to connect to other Bluetooth® devices such as computers and hands-free devices wirelessly. Bluetooth® function needs to be turned on to communicate with a Bluetooth® device. Also, make pairing (registration) between handset and the target Bluetooth® device as necessary.



- Connection has not been verified with all Bluetooth® devices. Therefore, successful connection is not guaranteed for all Bluetooth® devices.
- Handset is equipped with a wireless communication security function conforming to Bluetooth® standard, but sufficient security may not be provided depending on the usage environment and settings. Please note this when you use Bluetooth® communication.
- Please understand in advance that Samsung assumes no responsibility whatsoever for any data leakage or information leakage that may happen during Bluetooth® communication.

■ Usage Precautions on Bluetooth® Function

Please pay attention to the following for good-quality connection.

1. Keep a distance between handset and the target Bluetooth® device within 10 m without any blocking objects in between. The connectable distance may become very short depending on the environment (walls, furniture, etc.) and the building structure.
2. Keep a distance of 2 m or more from other devices (electrical appliances, AV devices, OA devices, etc.). Especially, keep a distance of 3 m or more from a microwave oven when it is working because it greatly affects the connection. If handset or the paired device is close to another device, connection may fail when the other device is turned on. Also, the use of Bluetooth may cause noise or video distortion on a TV or radio.

■ Radio Wave Interference with Wireless LAN (Wi-Fi®) Devices

Bluetooth® function of handset and wireless LAN (Wi-Fi®) devices use the same frequency band (2.4 GHz). Therefore, using Bluetooth function near a wireless LAN (Wi-Fi®) device causes radio wave interference, which in turn may cause lower communication speed, noise, or connection failure.

In such a case, take the following measures:



1. Secure a distance of 20 m or more between the Bluetooth® device and the wireless LAN (Wi-Fi®) device.
2. To use them with a distance shorter than 20 m, power off the Bluetooth® device or the wireless LAN (Wi-Fi®) device.

Turning on Bluetooth® Function

Turn on Bluetooth® function with the steps below before using it with handset.

Available features include audio output, hands-free conversation, data sending/receiving, and responding to connection requests and device search from other Bluetooth® devices.

1 On the app list screen, [Settings] > [Connections] > [Bluetooth].

2 Tap [] to turn it to [].



- The on/off setting of Bluetooth® function is retained after handset is powered off.
- Bluetooth® function is not available when handset is powered off.
- Bluetooth® function is turned on when handset is purchased. Battery is consumed faster when Bluetooth® function is on. While you are not using Bluetooth® function, turn it off to save battery consumption. When you use this function in an airplane or hospital, observe the instructions of the airline or hospital.



Registering Other Bluetooth® Devices

To connect to other Bluetooth® device, make pairing (registration) beforehand.

Depending on the paired device, only pairing is completed, or connection is also made after pairing.

1 On the app list screen, [Settings] > [Connections] > [Bluetooth].

The Bluetooth setting screen appears.

2 Tap [] to turn it to [].

Searching automatically starts for connectable Bluetooth® devices, and the list of discovered Bluetooth® devices are shown.

3 Select a Bluetooth® device for pairing.



4 Follow the instruction on the screen.



- On the paired device, confirm that Bluetooth® function and Bluetooth® discovery function are enabled.
- If no connectable Bluetooth® device name appears, tap [Scan] to search for devices again.

Enabling Detection from Other Bluetooth® Devices


1 On the application list, [Settings] > [Connections] > [Bluetooth].

2 Tap [] to turn it to [].

■ When Handset Receives a Pairing Request from Another Bluetooth® Device

When the pairing request screen appears, tap [Pair] as necessary.

Canceling Pairing

1 Bluetooth setting screen > [] of a paired Bluetooth® device name.



2 Tap [Unpair] > [Unpair].

Tethering Function

About Tethering

Tethering generally means using a smartphone or other type of mobile device as a modem to connect a wireless LAN (Wi-Fi®) device or USB-enabled device to the Internet via data communication with the mobile device.

Using Wi-Fi® Tethering Function

- 1 On the app list screen, [Settings] > [Connections] > [Tethering].
- 2 Tap [Wi-Fi tethering], tap [] to turn it to [].



- Because the Wi-Fi® tethering function consumes battery fast, we recommend that you recharge handset while using this function.

Setting Wi-Fi® Tethering

- 1 On the app list screen, [Settings] > [Connections] > [Tethering].
- 2 Tap [Wi-Fi tethering] > Network name.
- 3 Enter a network name.
- 4 Select the security.
Enter the security information for the Wi-Fi® network as necessary.
 - Note that handset may be connected from an unintended device if security is set to Open.
- 5 Tap [Save].

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Handset Settings

Handset Setting Menu

Configure and manage various handset functions with the setting menu. Customize wallpapers and ringtones, configure security settings, and initialize data with it.

1 On the app list screen, [Settings].

The setting menu screen appears.

- Another way of showing the setting menu is to slide the status bar downward and tap  on Quick Panel.

2 (User name)	Show the information of the registered Samsung account. <ul style="list-style-type: none">• If a Samsung account is not yet registered, this item shows "Sign in to your Galaxy".
Connections	▶P.68 "Connection Settings"
Connected devices	▶P.69 "Connection Device Settings"
Modes and Routines	▶P.70 "Mode and Routine Settings"
Sounds and vibration	▶P.70 "Sound and Vibration Settings"
Notifications	▶P.71 "Notification Settings"
Display	▶P.72 "Display Settings"
Battery	▶P.72 "Battery Settings"
Wallpaper and style	▶P.72 "Configuring the Wallpaper and Style"
Themes	▶P.72 "Configuring the Theme"
Home screen	▶P.73 "Configuring Home Screen"
Lock screen	▶P.73 "Lock Screen Settings"
Security and privacy	▶P.74 "Security and Privacy Settings"
Location	▶P.76 "Location Information Settings"
Safety and emergency	▶P.76 "Safety and Emergency Settings"
Account and backup	▶P.77 "Account and Backup Settings"
Google	Configure the Google account and services.
Advanced features	▶P.36 "Advanced Features"
Digital Wellbeing and parental controls	▶P.77 "Digital Wellbeing and Parental Control Settings"
Device care	▶P.78 "Device Care Settings"
Apps	Check and configure applications installed in handset.
General management	▶P.78 "General Administration Settings"
Accessibility	▶P.79 "User Assistance Settings"
Software update	▶P.81 "Software Update Settings"
About phone	▶P.81 "Device Information Settings"

Connection Settings

1 Setting menu > [Connections].



2 Wi-Fi	Turn on/off Wi-Fi® function. ▶P.64 "Using Wi-Fi® Function"
Bluetooth	Turn on/off Bluetooth® function. ▶P.65 "Turning on Bluetooth® Function"
NFC/Osaifu-Keitai settings	Mobile payment and reading/writing NFC tags is possible.
Airplane mode	▶P.68 "Airplane Mode"
SIM manager	▶P.68 "SIM Manager"
Mobile networks	▶P.69 "Mobile Network"
Data usage	▶P.69 "Data Usage"
Tethering	▶P.66 "Tethering Function"
More connection settings	▶P.69 "Other Connection Settings"

Airplane Mode

With Airplane mode being activated, all wireless functions (phone, data communications, wireless LAN (Wi-Fi®) function, and Bluetooth® function) are turned off.

1 Setting menu > [Connections] > [Airplane mode].

2 Tap to turn it to .

Tapping  to turn it to  turns off the Airplane mode. Even if the Airplane mode is on, wireless LAN (Wi-Fi®) function and Bluetooth® function can be turned on again from the setting menu or the Quick Panel (▶P.35). When using this function in an airplane or hospital, observe the instructions of the airline or hospital.

SIM Manager

1 Setting menu > [Connections] > [SIM manager].

2 SIM cards	Enable and configure SIM Card.
eSIMs	▶P.22 "eSIM"
Preferred SIMs	Select a SIM Card to be used with priority for some functions such as phone conversation.
Data switching	Configure a SIM of a different network so that it is used when handset is not able to connect to the network of the [Preferred SIM].
More SIM settings	Set eSIM settings and other settings.

Mobile Network

Configure handset to enable it to use networks for data communications and networks outside Japan.

1 Setting menu > [Connections].

2 Tap [Mobile networks].

3 Data roaming	►P.84 "Setting for Using Handset Outside Japan"
Allow 2G service	Configure whether to permit the 2G network in areas where other networks are not available.
Network mode	Select a network mode.
5G SA ^{*1}	Configure whether to use 5G standalone services.
Access Point Names	Configure the access point for connecting to the Internet.
Network operators	Select a wireless service provider and other options.

*1 The screen content may be different depending on the type of the SIM being used and other factors.

Data Usage

Show the amount (approximate amount) of mobile data communications by period or by application. Also, background data communications of applications can be restricted.

Configuring Data Communications

1 Setting menu > [Connections] > [Data usage].

2 Tap [] of [Mobile data] to turn it to [].

Configuring Data Saver

1 Setting menu > [Connections] > [Data usage] > [Data saver].

2 For [Turn on now], tap [] to turn it to [].

- Background data communications are restricted.
- Some applications can be exempted from data communications restrictions by tapping [Apps that can always use data].

Prohibiting Background Mobile Data Usage

1 Setting menu > [Connections] > [Data usage].

2 Tap [Mobile data usage] > target application.

3 For [Allow background data usage], tap [] to turn it to [].

Warning and Restricting Mobile Data Usage when Specified Usage Amount is Exceeded

1 Setting menu > [Connections] > [Data usage].

2 Tap [Mobile data usage] > [].

3 For [Set data limit], tap [] to turn it to [].

- To change the specified usage amount, tap [Data limit], enter a value, and then tap [Set].



- Even if [Set data limit] is not on, an alarm is issued when the specified data usage is exceeded.

Other Connection Settings

1 Setting menu > [Connections] > [More connection settings].

2 Nearby device scanning	With this setting, handset scans the area around for connectable devices.
Printing	Configure a supported printing service.
VPN	►P.69 "VPN Settings"
Private DNS	Configure a private DNS.
Ethernet	Configure settings for connection to Ethernet or an Ethernet device.
Auto update system configurations	Permit automatic settings to be changed so that network connection function works.

VPN Settings

In order to configure handset for VPN access, security information needs to be obtained.

1 Setting menu > [Connections] > [More connection settings] > [VPN].

- When the setting screen of screen unlocking, follow the on-screen instructions.

2 Tap [:] > [Add VPN profile].

3 Follow the on-screen instructions.

Connection Device Settings

1 Setting menu > [Connected devices].

2 Quick Share	Configure settings related to Quick Share. This setting enables the user to permit other users to share files and view the link sharing history.
Music Share	Enable the user in the vicinity to play music from handset on Bluetooth® speakers.
Auto switch Buds	Configure handset so that it switches the connection source of a Galaxy Buds earphone (commercially available) from a different device to handset when calls are placed or received or when replaying an audio content.
Call on other devices	This setting enables the user to initiate/receive calls on a different device that is configured with the same Samsung account as handset.
Continue on other devices	Continue using an application from where you left off using it on other devices that are logged into your Samsung account.
Link to Windows	Configure the connections with Windows.
Multi control	Use handset to control the mouse, keyboard, and other peripherals connected to a computer that supports this function.
Smart View	Display handset's screen on a TV or monitor.
Galaxy Wearable	Activate the Wearable application (►P.59) and manage peripherals connected to handset.
SmartThings	Enables the user to manage smart appliances and IoT devices.
Android Auto	Connect handset to a car to use some handset functions on the car's display.

Mode and Routine Settings

Select a mode in accordance with the environment conditions of handset and add a routine of frequently used operations to make handset more convenient.

Using Modes

- 1 On the app list screen, [Settings] > [Modes and Routines].
- 2 Tap [Modes].
The mode setting screen appears.
- 3 Select the target mode.
- 4 Follow the on-screen instructions to configure conditions for handset to enter the mode and other options.



- To add a new mode, tap [Add mode] > [Done] on the mode setting screen.
- The configured mode automatically takes place when the specified conditions are satisfied. Also, a desired mode can be turned on manually. To turn on a mode manually, tap the target mode on the mode setting screen, and then tap [Turn on].

Use Routine

- 1 On the app list screen, [Settings] > [Modes and Routines].
- 2 Tap [Routines].
The routine setting screen appears.
- 3 Tap [+].
- 4 Follow the on-screen instructions to configure the conditions for executing the routine and routine operation details.



- Notifications Window shows the running routines.

Sound and Vibration Settings

- 1 Setting menu > [Sounds and vibration].

2 (Sound mode)	Switches the sound mode between [Sound], [Vibrate], and [Mute]. <ul style="list-style-type: none">• When [Sound] is specified, [Vibrate while ringing] appears. Configure whether to allow handset to vibrate in addition to the ringtone.• When [Mute] is specified, [Temporary mute] appears. This setting specifies whether to switch the sound mode to [Sound] or [Vibration] when the specified [Mute for] has elapsed.
Ringtone	Configure a ringtone and its volume.
Notification sound	Configure the standard notification tone and the tone volume.
System sound	Configure volume of the system sound.
Volume	►P.71 "Adjusting Sound Volumes"
Call vibration	Configure the pattern of vibrations for incoming calls.
Notification vibration	Configure the pattern of vibrations for notifications.
System vibration	Configure whether to allow handset to vibrate when touch gesturing, recharging, and using keyboard. The intensity of the vibrations are also configurable.
Vibration intensity	►P.71 "Setting the Vibration Intensity"
Sound quality and effects	Configure handset's sound quality and effects.
Separate app sound	Play selected application's media sounds on other audio devices.

Configuring Silent Mode

Mute the ringtone and operation sounds so that they do not disturb people around in public places.

1 Open Quick Panel.

2 Tap  to turn it to .



- Even in silent mode (Vibration/Silent), the shutter sound of Camera as well as video and music sound are not muted.

Adjusting Sound Volumes

1 Setting menu > [Sounds and vibration] > [Volume].

Volume of Ringtone, Notification, alarm, etc.

2 Drag the slider to the right or left to adjust the sound volume.

Drag the slider to the left to lower the volume and to the right to raise the volume.



- If the ringtone volume is adjusted during silent mode, the silent mode is canceled.

Setting the Vibration Intensity

1 Setting menu > [Sounds and vibration] > [Vibration intensity].

Adjust the system vibration intensity.

2 Drag the slider to the right or left to adjust the vibration intensity.

Drag the slider to the left to decrease the vibration intensity and to the right to increase it.

Notification Settings

1 Setting menu > [Notifications].

2 App notifications	Select applications for which notification is to be permitted.
Lock screen notifications	Configure how notifications are presented on Lock Screen.
Status bar	Configure how Notification Indicators are presented on the status bar.
Notification pop-up style	Configure how notification pop-up windows are presented. <ul style="list-style-type: none">• After selecting [Brief], configure relevant applications and how pop-up windows are presented.
Do not disturb	►P.71 "Muting Notifications"
Advanced settings	Set advanced settings for notifications.

Muting Notifications

Mute the ringtone and all notifications except permitted exceptions.

1 Setting menu > [Notifications] > [Do not disturb].

2 Do not disturb	Turn [Do not disturb] on or off. <ul style="list-style-type: none">• When [Do not disturb] is off, [For how long?] appears for the setting of the period before [Do not disturb] turns off.
Schedule	Edit and add a schedule for turning on [Do not disturb].
Allowed during Do not disturb	Specify excepted incoming calls, messages, alarms, sounds, and applications that are exempted from muting when [Do not disturb] is on.
Hide notifications	Configure notifications to be hidden when the screen is on and when the screen is off separately.

Display Settings

1 Setting menu > [Display].

2 Dark mode settings	Set the screen to the [Light] or [Dark] mode. Also, set the time at which the screen enters the Dark mode. <ul style="list-style-type: none"> • This setting is not applicable for some applications. • The Dark mode can also be set from Notifications Window.
Brightness	Set the luminance of the screen.
Adaptive brightness	The luminance of the screen is automatically adjusted according to the luminance of the environment.
Eye comfort shield	Reduce the blue light of the screen soothe the eyes with warmer colors.
Font size and style	Set the character size, font style, and other items.
Screen zoom	Set the screen's zooming level.
Camera cutout	Cover the Camera area with a black bar to make it less distinct for the specified application.
Screen timeout	Configure the period after which the screen is turned off automatically.
Easy mode	►P.32 "Switching to Easy Mode"
Edge panels	►P.33 "Using the Edge Panel"
Navigation bar	►P.30 "Using the Navigation Bar"
Touch sensitivity	Improve the screen's touch sensitivity.
Screen saver	Turn on or off the screen saver that appears during recharging and configure the type of recharging screen saver.

Battery Settings

1 Setting menu > [Battery].

- The [Battery] screen also appears when [Device care] > [Battery] are selected from the setting menu.

2 (Approximate remaining battery level/Time required to finish recharging)	This screen shows the approximate remaining battery level or the time required to finish recharging.
Power saving	Configure the power saving mode.
Background usage limits	Configure applications that are not used often so as to restrict their battery usage.
Battery protection	Prolong the battery life.
(Battery usage)	Show the battery usage in the past 7 days as well as other battery usage information.
Charging settings	Configures fast charging settings.
Auto dim screen	The screen darkens when the remaining battery level becomes less than 5%.
Show battery percentage	Configure whether to show the remaining battery level.
Battery information	Check battery information such as the battery performance.

Configuring the Wallpaper and Style

1 Setting menu > [Wallpaper and style].

2 Tap [Change wallpapers].

- Tap [Color palette] to select a palette based on the wallpaper's colors.
- Turning on [Dim wallpaper when Dark mode is on] adjusts the luminance of the Home Screen wallpaper or other wallpapers during Dark mode.

3 Select a desired wallpaper.

4 Follow the on-screen instructions.

Configuring the Theme

1 Setting menu > [Themes].



2 Tap [Theme]/[Wallpaper]/[Icons].

3 Select a desired theme or other item.

4 Follow the on-screen instructions.


Configuring Home Screen

1 Setting menu > [Home screen].

2	App size	Adjusts the size of apps.
	App labels	Sets the Home screen label.
	Widget labels	Sets the widget label.
	Home screen layout	Configure the layout of Home Screen and whether to show all applications on Home Screen instead of the app list screen.
	Home screen grid	Configure the Home Screen grid.
	Apps screen grid	Configure the grid for the app list screen.
	Folder grid	Configure the grid in folders.
	Add media page to Home screen	Set the media page, which appears when flicking (swiping) to the right on the leftmost Home Screen.
	Show Apps screen button on Home screen	Configure whether to show  on Home Screen. • Tapping  shows the app list screen.
	Lock Home screen layout	Lock the layout of Home Screen to prevent deleting and changing positions of items on Home Screen.
	Add new apps to Home screen	Configure handset so that applications downloaded from Google Play or other sources are automatically added to Home Screen. • This setting is prohibited when [Lock Home Screen layout] is on.
	Hide apps on Home and Apps screens	Hide the selected application from Home Screen and the app list screen.
	App icon badges	Configure whether to put a badge on icons of applications that have notifications.
	Swipe down for notification panel	Flicking (swiping) down at anywhere on Home Screen shows Notifications Window.
	Rotate to landscape mode	Configure handset so that Home Screen can be rotated to the landscape orientation.
	About Home screen	Find information about Home Screen.
	Contact us	Find how to inquire about questions.

Lock Screen Settings

1 Setting menu > [Lock screen].

2	Screen lock and biometrics		►P.74 "Configuring the Screen Lock Type"
Extend Unlock			Configure whether to keep handset unlocked under reliable conditions. <ul style="list-style-type: none">• The prolonged unlocked period can be selected when the screen lock type is set to a type other than Swipe, or None.
Secure lock settings* ¹	Make pattern visible* ¹	Configure whether to show the tracing of the pattern used to unlock the screen.	
	Auto lock when screen turns off	Configure the period after the screen is turned off before it is locked.	
	Lock instantly with Side Button	Configure handset so that it is locked instantly when the screen is turned off by pressing  (Side Button)/Fingerprint Sensor.	
	Auto factory reset	Configure handset so that it is reset to the factory default setting when the attempts of unlocking the screen fails 20 times.	
	Lock network and security	Configure handset so that network is not turned off while handset is locked.	
	Show Lockdown mode option	Specify whether to show the "Lock-down mode" button on handset option screen. <ul style="list-style-type: none">• In "Lockdown mode," features such as unlocking by biometric authentication are disabled.	
Now bar			Select items to be shown on Lock Screen.
Touch & hold to edit			Edit items to be displayed on Lock Screen after touching & holding any blank point on Lock Screen.
Roaming clock			Configure handset whether to show both the time of current location and the time of home city when handset is used in a place outside Japan.
Contact information			Show the user's contact information such as a phone number on Lock Screen.
Show unlock transition effect			Enable an effect that appears when the screen is unlocked.
About Lock screen			Find information about Lock Screen.

*1 This information may not be presented depending on the "Screen lock type" setting.

Configuring the Screen Lock Type

1 Setting menu > [Lock screen].

2 Tap [Screen lock and biometrics].

3 PIN	Enter a number consisting of 4 digits or more.
Password	Enter a string consisting of 4 characters or more including alphabetic characters.
Pattern	Enter an unlocking pattern.
Swipe	Unlock the screen by flicking (swiping) on the screen to the left, right, up, or down.
None	Configure handset so it does not display Lock Screen.
Face recognition	►P.39 "Using the Facial Recognition Feature"
Fingerprints	►P.40 "Using the Fingerprint Recognition Feature"
About unlocking with biometrics	Check how to unlock the screen with biometric authentication.

4 Follow the on-screen instructions.

Locking the Screen

When the screen unlocking method is set to a screen lock type other than [None], the screen is locked when (Side Button)/Fingerprint Sensor is pressed or when the screen is automatically turned off.

Unlocking the Screen

1 Press (Side Button)/Fingerprint Sensor to display Lock Screen.

2 Execute the current unlocking method on Lock Screen.

If unlocking fails 5 times consecutively, follow the on-screen instructions to try again.



- If [Emergency Call] is displayed when flicking (swiping) on Lock Screen, tapping it places an [Emergency Call].
- If you fail in entering the unlocking pattern, PIN, or password or fail in face or fingerprint authentication 5 times^{*1}, a message is displayed advising you to try it again after 30 seconds.

^{*1} The above failure does not count events of entering an unlocking pattern consisting of 3 or less points, entering a PIN or password consisting of 3 or less characters, and an error message indicating that the face or fingerprint was not recognized normally.

If you forget the unlocking pattern, PIN, or password, unlock the screen by accessing the SmartThings Find website from a computer and executing "Unlock". For details, visit the SmartThings Find website (►P.27).

Security and Privacy Settings

1 Setting menu > [Security and privacy].

2	Lock screen		Configure the screen lock type and fingerprint authentication.
Account security			Configure security features for the Google account.
Lost device protection			Configure handset so that its location can be found when it is lost.
App security			Scan applications to protect handset from security threat.
Updates			Find the update status of handset and available updates.
Screen lock and biometrics	PIN		Enter a number consisting of 4 digits or more.
	Password		Enter a string consisting of 4 characters or more including alphabetic characters.
	Pattern		Enter an unlocking pattern.
	Swipe		Unlock the screen by flicking (swiping) on the screen to the left, right, up, or down.
	None		Configure handset so it does not display Lock Screen.
	Face recognition		►P.39 "Using the Facial Recognition Feature"
	Fingerprints		►P.40 "Using the Fingerprint Recognition Feature"
	About unlocking with biometrics		Find the way to unlock the screen with biometric authentication.
Auto Blocker			Block threats and suspicious operations on handset to keep it secure.
Security status of your devices			Find the security status of handset.
More security settings	SIM Card security		►P.76 "Setting SIM Card Security"
	Block USB connections while locked		Configure whether to permit USB connection only when handset is not locked.
	Secure Folder* ¹		Configure a security folder that protects personal files and applications securely.
	Enhanced data protection* ¹		Protect cloud data by encryption so that only trusted devices will have access to it.
	Allow apps to be pinned		Configure whether to permit particular applications to be fixed on the screen.
	Password, passkeys, and autofill		Enter information such as the password automatically.
	Make passwords visible		Configure whether to show the entered password temporarily on the password entry screen.
	Install unknown apps		Install apps from unauthorized sources.

More security settings	Device admin apps	Enable or disable handset management application.
	Trust agent ^{*2}	The selected operation is executed when a trusted device is connected.
	View security certificates	Show the security certificate.
	User certificates	Show the user certificate.
	Install from device storage	Install the certificate from the storage (handset or microSD Card).
	Clear credentials	Erase all certificate data.
	Certificate management app	View the certificate management application.
	Android safe Browsing	Show notifications on threats of risky web pages.
	Encrypt SD card	Protects data by encrypting the microSD Card. <ul style="list-style-type: none"> • Before encryption, the microSD Card must be initialized. Be sure to back up important data before encryption. • If handset is initialized after encryption is performed, the data on the microSD Card will no longer be accessible. Be sure to back up important data before initialization.
Galaxy system app update		Update the Galaxy system application and configure the update method.
Permissions used in last 24 hours		View the history of authorizations being used in the past 24 hours.
Control and alerts		Control access to camera, and Clipboard.
More privacy settings		Make privacy settings for Samsung and Google.

- *1 A Samsung account is required to set this setting. Use the Samsung account to unlock the security folder when you forget how to unlock it.
- *2 This setting is prohibited depending on the "Screen lock type" setting.

Passcodes and PIN Code

Passcodes for Operations and Passcode for the Switching System

The passcode for the switching system is required to use handset. This is the 4 digit PIN number you entered when the contracting your subscription, and it is required when operating optional services from a landline phone.

- Be careful not to forget the switching system passcode. If you should forget it, you need to follow a certain procedure. For details, inquire at our Customer Service (▶P.88).
- Please be careful not to let others know your passcode. Please be aware that Samsung is not liable for any damages incurred by you when someone else discovers your passcode and maliciously uses it.

PIN Code

- PIN code
Handset can be configured so that the PIN code is required every time handset is powered on in order to prevent third parties from using SIM Card without permission. The PIN code is also required when the user configures whether the PIN code is required or not.
 - Entering incorrect PIN three consecutive times activates PIN Lock. To cancel, Personal Unblocking Key (PUK) is required; contact Customer Service.
 - Entering incorrect PUK ten consecutive times locks USIM Card/eSIM, disabling handset. For recovery, USIM Card/eSIM must be reissued at a SoftBank/Y!mobile (fees apply).
- PUK
If the PIN code is locked, entering the PUK unlocks the PIN code.
 - The PUK is the 8 digit number printed on the back of the plastic card attached to SIM Card, and the code number has already been determined when handset is purchased.
 - After entering the PUK, configure a new PIN code.

Setting SIM Card Security

Unauthorized use of SIM Card is prevented by setting a PIN (passcode) on SIM Card so that the user is required to enter the PIN code when handset is powered on. For details of PIN codes, see "PIN Code" (►P.75).

1 Setting menu > [Security and privacy] > [More security settings].

2 Tap [SIM Card security] > [Lock SIM Card].

3 Enter the PIN code > [OK].

■ Entering the PIN Code when Handset is Powered ON

1 PIN code entry screen > Enter the PIN code > [OK].

■ Changing the PIN Code

PIN code changing is possible only if SIM Card PIN is enabled.

1 Setting menu > [Security and privacy] > [More security settings].

2 Tap [SIM Card security] > [Change SIM Card PIN].

3 Enter the PIN code > [OK].

4 Enter a new PIN code > [OK].

5 Enter the new PIN code again > [OK].

Location Information Settings

1 Setting menu > [Location].

2 Tap [] to turn it to [].

3 App permissions	Configure applications to permit or not to permit access to the location information.
Location services	Configure whether to use the location information service and the accuracy of location information.
Recent access	Show applications that accessed location information.

Safety and Emergency Settings

1 Setting menu > [Safety and emergency].

2 Medical info	View and edit medical care information of the user. The saved medical care information is shown also on Lock Screen if "Show on Lock Screen" is turned on.*1
Emergency contacts	Configure and check the emergency contact number. The saved emergency contact number can be called also from Lock Screen if "Show on Lock Screen" is turned on.*1
Emergency SOS	Press [] (Side Button)/Fingerprint Sensor 5 times to configure the emergency call and whether to share the location information. The destination and other information of the emergency call can also be set.
Emergency sharing	Configure handset to share location information and other information with the emergency contact for a certain period.
Emergency Location Service	If the user's residential area provides the emergency location information service, the location information and other information of handset are automatically sent to the emergency service partner when a call is placed or text message is sent to the emergency call number.
Wireless emergency alerts	Configure whether to permit the reception of emergency mails.
Earthquake alerts	Turn the earthquake alert function on or off.
Unknown tracker alerts	Notification is made when an unknown tracker is detected.

*1 This function can be used when the screen lock type is set to a type other than "Swipe" and "None". Flick (swipe) on Lock Screen > [Emergency Call] > Follow the on-screen instructions.

Account and Backup Settings

1 Setting menu > [Accounts and backup].

2 Manage accounts	►P.77 "Managing Accounts"
Back up data (Samsung cloud)	Back up contact information and handset settings using the Samsung account.
Restore data	Restore the backed-up data using the Samsung account.
Back up data (Google drive)	Configure the Google account for backup, execute backing up, and set other related activities.
Transfer data for device setup	Transfer data such as images, contacts, and applications from an old device.
External storage transfer	Back up data to or restore data from a microSD Card or USB storage device

Managing Accounts

■ Registering an Account

1 Setting menu > [Accounts and backup] > [Manage accounts] > [Add account].

2 Tap the type of account to add > Follow the on-screen instructions.

■ Deleting an Account

1 Setting menu > [Accounts and backup] > [Manage accounts].

2 Tap the account name to delete.

3 Tap [Remove account] > [Remove].

4 Follow the on-screen instructions.



- If the account can be synchronized with online services and other items, select the setting menu > [Accounts and backup] > [Manage accounts] > tap the account > [Sync account], and then turn on/off items for synchronization.
- Screen operations may be different depending on the account type.
- An account may not be deleted if it is used by another application. Initialization (►P.79) is required to delete it.

Digital Wellbeing and Parental Control Settings

1 Setting menu > [Digital Wellbeing and parental controls].

2 (Dashboard)	Check the screen lit-up times for each application. Tap to check the number of notifications received, and the number of times handset has been unlocked.
Screen time goal	Configure the target time of using handset per day.
App timers	Restrict the usage time of each application per day by setting the timer.
Driving monitor	Check the amount of time handset was used while driving.
Walking monitor	Check the amount of time handset was used while walking.
Volume monitor	Check the amount of listening time at high volumes, and monitor volume levels to safely protect your ears.
Parental controls	Add content restrictions and set other restrictions, and set them so your child can balance their screen time.

Device Care Settings

1 Setting menu > [Device care].

Optimize now ^{*1}	►P.78 "Using the Optimization Function"
Battery	►P.72 "Battery Settings"
Storage	Check handset's free storage space.
Memory	Check the amount of free memory space in handset.
App protection	Protect handset from security threats.
Auto optimization	Automatically optimize handset by closing background applications and securing free memory.
Software update	►P.81 "Software Update Settings"
Diagnostics ^{*2}	Diagnose handset functions using Members.
Maintenance mode ^{*3}	Can enable maintenance mode to protect your privacy while handset is being repaired.

*1 The displayed contents depend on the condition of handset. (No content may be displayed.)

*2 Registration of a Samsung account is required to use this function.

*3 This function can be used when the screen lock type is set to a type other than "Swipe" and "None".

Using the Optimization Function

1 Setting menu > [Device care].

2 Tap [Optimize now].

The list of processed items appears.

3 Tap [Done].

Checking and Configuring Storage

Display data capacity and free space on handset, external SD Card* and other storage locations, and configure storage settings.

* This setting is displayed when a microSD Card is mounted.

1 Setting menu > [Device care] > [Storage].

2 Swipe left on the [Internal storage] field to display the [SD card] field.

- To unmount a microSD Card, tap [:] in the [SD card] field, and then tap [Unmount].
- To mount a microSD Card, tap [Mount] in the [SD card] field.

General Administration Settings

1 Setting menu > [General management].

Language	Change display languages.
App languages	Select the languages that are to be used for each application.
Date and time	►P.78 "Date and Time Settings"
Samsung keyboard settings	►P.39 "Samsung Keyboard Settings"
Keyboard list and default	Select the standard keyboard, configure the Samsung keyboard, or set other settings.
Physical keyboard	Set the settings for using an external keyboard.
Mouse and trackpad	Configure the pointer speed and the wheel scrolling speed for the mouse and trackpad.
Reset	►P.79 "Reset Settings"
Contact us	Check how to inquire with any questions.

Date and Time Settings

1 Setting menu > [General management] > [Date and time].

Automatic date and time	The date and time are automatically corrected according to the information via the network regarding the date and time (when handset is purchased).
Set date ^{*1}	►P.78 "Setting Date and Time Manually"
Set time ^{*1}	
Automatic time zone	The time provided by the network is used.
Set time zone based on location ^{*2}	Identify the timezone using the location information of handset.
Use 24-hour format	The 24-hour format is used when this setting is turned on, and 12-hour format is used when it is turned off.

*1 This item is shown when [Automatic date and time] is off.

*2 This item is effective when [Location] (►P.76) is on.

Setting Date and Time Manually

1 Setting menu > [General management] > [Date and time].

2 For [Automatic date and time], tap [] to turn it to [].

3 Tap [Set date]/[Set time] > Set a date/time > [Done].

Reset Settings

1 Setting menu > [General management] > [Reset].

2	Temporary cloud backup	Temporarily back up data in cloud.
	External storage backup	Back up data in an external storage.
	Reset all settings	Reset all handset settings except those for security, languages, account, personal data, and downloaded applications.
	Reset mobile network settings	Reset all mobile network settings.
	Reset Wi-Fi and Bluetooth settings	Reset all settings for Wi-Fi® and Bluetooth®.
	Reset accessibility settings	Reset the user assistance settings to the initial conditions.
	Factory data reset	►P.79 "Initializing Handset"

Initializing Handset

By initializing handset, handset returns (resets) to its conditions of the time when it was purchased. With this operation, the applications that are installed after the purchase of handset and some of the preset applications are removed. Also, all saved data are deleted. Be sure to back up important data in handset before resetting it.

1 Setting menu > [General management] > [Reset] > [Factory data reset] > [Reset].

- Handset needs to be unlocked depending on the screen lock setting.

2 Tap [Delete all].

Handset automatically restarts.

Please wait without touching handset during restarting or resetting.









- During initialization, recharge handset at the same time or make sure that Internal Battery is sufficiently charged.

User Assistance Settings

1 Setting menu > [Accessibility].


2	Recommended for you		View and configure recommended functions.
Vision enhancements	Display mode	Select a display mode.	
	High contrast theme	Configure a high-contrast theme.	
	High contrast fonts	Tune the color and contours of the font to improve viewability.	
	High contrast keyboard	Change the keyboard color to a more distinct color.	
	Highlight buttons	Put frames on buttons.	
	Color inversion	Invert colors on the screen.	
	Color correction	Tune screen color settings.	
	Color filter	Add a color filter over the entire screen to make letters more readable.	
	Reduce animations	Suppress certain animation and movement effects on the screen if they are annoying.	
	Reduce transparency and blur	Suppress visual effects of dialogs and menus to make them clearer.	
	Extra dim	Set the luminance of the screen lower than the minimum luminance setting.	
	Magnification	Configure the screen zooming operation.	
	Magnifier	Use camera as a loupe to magnify your surroundings.	
	Cursor thickness	Configure the cursor thickness.	
	Pointer size and color	Configure the size and color of the pointer of the mouse or touch pad.	
	Font size and style	Set the character size, font style, and other items.	
	Screen zoom	Set the zooming level of the screen.	
	Speak keyboard input aloud	Configure how texts entered with the keyboard are read out, such as reading out each letter or reading out each word.	
	Audio description	Configure handset so that the audio explanation is automatically played when playing a video that provides an audio explanation.	
	Voice Label	When there is an NFC tag containing an audio recording, that audio content can be played by handset.	
TalkBack			►P.80 "Using TalkBack"

Hearing enhancements	Live Transcribe	While listening to someone talking, display the text of the speech.
	Live Caption	Configure handset so that it automatically generates captions by capturing the audio of the video being played.
	Caption preference	Configure or check how captions are presented.
	Sound Notifications	Configure handset to provide notifications when it detects the sound of a baby crying, the smoke detector beeping, etc.
	Adapt sound	Configure the audio quality according to the user's preference.
	Mute all sounds	Mute all sounds including the ringtone, notification tones, and the sounds of music, videos, and applications.
	Mono audio	Configure the both speakers to play the same sound.
	Left/right sound balance	Configure the sound balance of an audio device connected to handset when listening to music.
Interaction and dexterity	Universal switch	Operate handset and select a screen item using a peripheral.
	Assistant menu	Configure whether to show the assistant menu. The size and transparency of the assistant menu is also configurable.
	Voice Access	Use voice commands for operations such as displaying notifications and showing Home Screen.
	Answering and ending calls	Configure a method for answering a call or the call ending method of pressing  (Side Button)/Fingerprint Sensor. <ul style="list-style-type: none"> If [Press Side Button to end calls] is set to on and handset enters the Sleep mode during phone conversation, cancel the Sleep mode by pressing  (Side Button)/Fingerprint Sensor, and then press  (Side Button)/Fingerprint Sensor again to end the call.
	Interaction control	This setting disables buttons such as  and  , the ringtone, and notifications to let the user concentrate on playing an application.
	Touch & hold delay	Configure the time for recognizing touch & hold.
	Tap duration	Configure the time (number of seconds) for recognizing a tap.
	Ignore repeated touches	Configure the time during which a repeated touch is ignored.
	Auto action after pointer stops	Configure handset so that an item is selected automatically when the pointer is put on it. Also, specify an operation to be executed when the mouse pointer is put in a corner of the screen.
	Sticky keys	With this setting, when a modifier key of a hardware keyboard is pressed, the key is kept being pressed.

Interaction and dexterity	Slow key	Configure the time for recognizing a long press of a hardware keyboard in order to prevent unintended pressing of keys.
	Bounce key	Configure the time for recognizing the second pressing of the same key of a hardware keyboard in order to prevent unintended double pressing of a key.
Advanced settings	Quick panel buttons	Configure buttons to display on Quick Panel.
	Accessibility button	Configure user assistance options such as whether to show the user assistance button.
	Side and Volume up buttons	Specify a function to be activated when  (Side Button)/Fingerprint Sensor and Volume Up Button are pressed simultaneously.
	Volume up and down buttons	Specify a function to be activated when Volume Up Button and Volume Down Button are pressed simultaneously for 3 seconds.
	Flash notification	The screen flashes, lights up, or flickers when handset receives a notification or sounds an alarm.
	Time to take action	Configure the time during which to present temporary pop-up windows such as those of notifications and the volume controller that require a user response.
Installed apps		Configure installed applications.
About Accessibility		Find the version number and the user assistance's open-source license.
Contact us		Check how to inquire with any questions.

Using TalkBack

Enable TalkBack function that reads texts and responds to user operations with sounds.

- 1 Setting menu > [Accessibility].
- 2 Tap [TalkBack].
- 3 Tap .
- 4 Follow the on-screen instructions.



Touch Guide Function of TalkBack

- Touch guide function reads out the explanation of the item that is tapped.
- With touch guide function enabled, some operations of handset are different from ordinary operations.
 - To select an item, tap it and then double tap it.
 - To slide an item, use 2 fingers.

Software Update Settings

1 Setting menu > [Software update].

- The software update screen also appears in Setting menu > [Device care] > [Software update].

2	Download and install	►P.86 "Downloading and Updating Software"
	Last update	Find the information of latest updates.

Device Information Settings

1 Setting menu > [About phone].

2	(Device name)	Check the phone number, product name, and other details of handset. Handset's name can be changed after tapping [Rename].
	Status information	Check SIM Card status, IMEI, and other information.
	Legal information	Check the information on open-source licenses, the terms of use of Google, etc.
	Regulatory information	Show the authentication information of handset.
	Software information	Check the version number and other details.
	Battery information	Check the status, remaining level, and other details of handset's battery.

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Global Services

Before Using Handset Outside Japan

Handset supports roaming around the world. SoftBank/Y!mobile phone numbers need not to be changed outside Japan.

When handset is purchased, it is configured to automatically connect to the appropriate wireless service provider of the current area. Manual configuration of a preferred wireless service provider is also possible.



Change other options including the communication method and data roaming as necessary.

Setting for Using Handset Outside Japan

Handset is configured to automatically detect an available network and connect to it.

- When handset is powered on outside Japan, phone conversation and SMS messaging are possible with a wireless service provider of the area.
- To use the data communication service, enable "Data roaming" (▶P.84).

Using Data Communication

- 1 On the app list screen, [Settings] > [Connections].
- 2 Tap [Mobile networks].
- 3 For [Data roaming], tap [] to turn it to [].

Setting a Communication Method



Configure handset so that VoLTE can be used outside Japan.

- 1 On the app list screen, [Settings] > [Connections].
- 2 Tap [Mobile networks].
- 3 Tap [Network mode].
- 4 Tap [5G preferred]/[LTE preferred]/[3G preferred].



- Configure a network operator by tapping [Network operators] > [Select automatically] on the mobile network screen.

Placing a Call at a Place Outside Japan

- 1 On Home Screen, [].
- 2 Touch & hold [0].
"+" is entered, and the international access code of the current country is automatically added when the call is originated.
- 3 Enter the destination country code.
- 4 Enter the area code.
If the area code starts with "0", exclude "0" when entering the area code. (There are some exceptions with countries such as Italy.)
- 5 Enter the destination phone number > [].

Example: Placing a call to Japan at "03-1234-XXXX" from outside Japan

+81 (country code) 3 (area code) 1234XXXX
(destination phone number)

Example: Placing a call to a location in the United States at "123-456-XXXX" from a location in the United States

+1 (country code) 123 (area code) 456XXXX
(destination phone number)



- If the destination is a Japanese wireless phone, enter "81" (Japan) as the country code regardless of the location of the destination phone.
- Some special numbers cannot be used depending on the current location.
- When going abroad, carry "Guide for Using Handset Abroad." Please check the following before going abroad:
 - For SoftBank
When going abroad, carry "Guide for Using Handset Abroad."
For details, refer to the following website:
https://www.softbank.jp/mobile/set/common/p/pdf/international/roaming/global_service_international_guide.pdf (Japanese)
 - For Y!mobile
When going abroad, refer to the following website:
Overseas Anshin Flat-rate
https://www.ymobile.jp/sp/p_guide/data/web/etc06/ (Japanese)
Settings and Usage
https://www.ymobile.jp/sp/p_guide/data/web/etc07/ (Japanese)

Answering a Call at a Location Outside Japan

Calls can be answered in the same way as in Japan.



- Any call received at a location outside Japan has been forwarded internationally from Japan regardless of the originating country. The caller is charged for the call segment from the origin to Japan, and the call Earpiece is charged for receiving the call.

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Updating Software

With the latest software update, optimum performance, improved security, and the latest extended functions are provided.

■ Usage Precautions

- A certain amount of data communication fee is charged in accordance with the contract for connection from handset to the Internet via mobile data communication. Especially, updating OS makes a large volume of data communication. So, it is recommended to connect to a Wi-Fi® environment if it is available at home or other places when updating software.
- Recharge handset sufficiently before starting software update. Software update may fail if the remaining battery level is low or the battery level runs short during software update.
- Check the radio wave condition. Software update may fail in bad radio wave conditions.
- Data registered in handset (contacts, mails, photos, music data, etc.) are not changed after updating software, but some information that has been configured may be initialized depending on the content of software update. Please be aware that data may not be protected due to the condition of handset (failure, damage, water ingress, etc.). It is recommended to back up data before updating software.
- If software update fails or is canceled, execute it again.
- When handset is started for the first time after a software update, it may take several minutes to 20 or more minutes before it starts to work in normal speed due to data update. The time required depends on the amount of data in handset. Keep handset powered on until it starts to operate in normal speed.
- Software update may not be possible outside Japan.
- Do not move handset while software is updated.

■ When Software Update Does not Work

If a software update fails, handset may become non-functional. In such a case, contact the fault/loss support center.

Downloading and Updating Software

Software can be directly downloaded from the setting menu of handset through the Internet via Wi-Fi® connection or mobile data communication.

- 1 On the app list screen, [Settings].
- 2 Tap [Software update].
- 3 Tap [Download and install].
- 4 Follow the instruction on the screen.



- Depending on the condition of Wi-Fi® environment being used, handset automatically searches for available connections and switches from Wi-Fi® connection to mobile data communication. Please note that an unintended data communication fee may be charged in this case.

Warranty

- The warranty period is 1 year from the date of new purchase.
- Repairs will be done based on terms of repair service. For terms of repair service, refer to SoftBank website.
<https://www.softbank.jp/mobile/support/product/warranty/> (Japanese)
- Warranty covers only handset. Accessories such as cables are not covered by terms of repair service.



Damages

SoftBank Corp. is not responsible for any damages for user or third party resulting from lost opportunities to make a call, etc. due to breakage, malfunction, or trouble of product.

Accidents/Repair

Files and settings may be lost or altered due to accidents or repairs. Keep a copy of important files, etc. SoftBank Corp. is not liable for damages resulting from loss or alteration of files (contacts/images/sound etc.) or settings due to accident or repair.

Disassembly/Modification

Disassembly/modification of handset is prohibited under the Radio Law. Note that handset cannot be accepted for repairs if modified.

After-Sales Service

To request repair, contact your nearest SoftBank/Y!mobile Shop or call your carrier's Customer Service (▶P.88).

In that event, please let us know the problem in as much detail as possible.

- During the warranty period, repairs are made under the terms of repair service.
- After the warranty period, if handset can be repaired, repairs will be made at cost. The functional parts necessary to repair the handset will be available for 4 years generally after manufacture is discontinued. Repair may not be possible because of a shortage of repair parts even during the warranty period.

Inquiries

For more information on after-sales service, contact a nearby SoftBank/Y!mobile Shop or Customer Service (▶P.88).

Unlocking SIM

Handset is not SIM-locked.

When using handset with a SIM from a different company, some services and functions may be restricted. Please understand that Samsung does not guarantee that handset will work normally in this case.

Main Specifications

■ Galaxy A25 5G

Dimensions (width x height x thickness)	78 x 168 x 8.5 mm
Weight	210 g
Continuous Talk Time ^{*1}	3,040 minutes (4G LTE (FDD-LTE))
Continuous Standby Time ^{*1*2}	For SoftBank <ul style="list-style-type: none">• 600 hours (4G LTE (FDD-LTE))• 600 hours (4G (AXGP))• 600 hours (5G (standalone environment)) For Y!mobile <ul style="list-style-type: none">• 600 hours (4G LTE (FDD-LTE))• 600 hours (4G (AXGP))
Charging Time	110 minutes When using an AC Charger (USB PD-PPS-compatible USB Type-C™ fast charging AC Charger "ZSDBAV" (SB-AC22-TCPD)) ^{*3}

- *1 The continuous talk time and continuous standby time may be shorter than half of the rated durations depending on the battery level, the conditions of the environment such as the temperature, the radio wave conditions, and settings of functions.
- *2 The rated continuous talk time and continuous standby time for 5G are approximate durations in a 5G standalone environment.
- *3 Refer to the SoftBank/Y!mobile website for details about compatible chargers.

Specific Absorption Rate (SAR) Information of This Product (for Japan)

This mobile phone [Galaxy A25 5G] complies with the Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone was designed in observance of the Japanese technical regulations regarding exposure to radio waves (*1) and the limits of exposure recommended in the international guidelines, which are equivalent to each other. The international guidelines were set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health conditions.

The technical regulations and the international guidelines set out the limits of exposure to radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of human tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use near the head is 1.125 W/kg (*2), and that when worn on the body is 0.423 W/kg (*2). There may be slight differences of the SAR values in individual product, but they all satisfy the limit.

The actual value of SAR of this mobile phone while operating can be well below the indicated above. This is due to automatic changes in the power level of the device to ensure it only uses the minimum power required to access the network.

This mobile phone can be used at positions other than against your head. By using accessories such as a belt clip holster that maintains a 1.5 cm separation with no metal (parts) between it and the body, this mobile phone is certified the compliance with the Japanese technical regulations.

The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

Please refer to the websites listed below if you would like more detailed information regarding SAR.

Ministry of Internal Affairs and Communications Website:
<https://www.tele.soumu.go.jp/e/sys/ele/index.htm>

Association of Radio Industries and Businesses Website:
<https://www.arib-emf.org/01denpa/denpa02-02.html> (Japanese)

List of Specific Absorption Rates (SAR) information for SoftBank products
<https://www.softbank.jp/mobile/support/sar/> (Japanese)

- *1 The technical regulations are provided in Article 14-2 of the Radio Equipment Regulations, a Ministerial Ordinance of the Radio Act.
- *2 Including other radio systems that can be simultaneously used with 5G/LTE.

European RF Exposure Information

This mobile phone [Galaxy A25 5G] is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by the international guidelines. The guidelines were developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) and include safety margins designed to assure the protection of all persons, regardless of age and health conditions. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use near head is 0.711 W/kg, and that when worn on the body at the separation distance of 0.5 cm from the body is 0.935 W/kg (*1). For electronic safety, maintain the separation distance with accessories containing no metal, that position handset a minimum of the above distance. Use of other accessories may not ensure compliance with the guidelines.

*1 The tests are carried out in accordance with the international guidelines for testing.

Customer Service

If you encounter any difficulties or are unsure of anything, contact customer service.

■ SoftBank Customer Support

- From a SoftBank handset, dial toll free at 157
- From a landline, dial toll free at 0800-919-0157
- Business hours : Call 10:00 am - 7:00 pm/
Chat 9:00 am - 8:00 pm

■ Smartphone Technical Support Center

- From a SoftBank handset, dial toll free at 151
- From a landline, dial toll free at 0800-1700-151
- Business hours : Mon. - Fri. 9:00 am - 7:00 pm/Sat., Sun., and Holidays 9:00 am - 5:00 pm/9:00 am - 8:00 pm (for general information)

■ Y!mobile Customer Support

- From a Y!mobile handset, dial toll at 151
- From a landline, dial toll at 0570-039-151
- Business hours : 10:00 am - 7:00 pm

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Galaxy A25 5G User Guide

April 2025, First Edition

SoftBank Corp.

Visit SoftBank Shop or Y!mobile Shop for assistance

Model: Galaxy A25 5G

Importer: SAMSUNG ELECTRONICS JAPAN Co., Ltd.

Manufacturer: Samsung Electronics Co., Ltd.