



Galaxy Feel2

SC-02L

INSTRUCTION MANUAL
'18.9

Introduction

Thank you for purchasing "SC-02L" mobile terminal.

Before and during use of your terminal, be sure to thoroughly read this instruction manual to ensure you are able to correctly use your terminal.

Manual

■ "クイックスタートガイド (Quick start guide)" (included with the terminal) (In Japanese only)

This guide provides information of parts names and functions.

■ Instruction Manual (guide app of the terminal) (In Japanese only)

This manual provides detailed information and operations of the functions.

- From the Home screen, "apps folder" → Tap "Instruction Manual".
For some functions, tap the written contents, and you can see the content or start the function directly from the description.
- For the first time, download and install the app according to the onscreen instructions.
- For installing "Instruction Manual" app if you uninstalled it, from the Home screen, tap "Play Store" and search "SC-02L 取扱説明書 (SC-02L the Instruction manual)" in "Play Store" and download "Instruction Manual" app.

■ INSTRUCTION MANUAL (PDF file)

This manual provides detailed information and operations of the functions.

- Download from NTT DOCOMO website:
<https://www.nttdocomo.co.jp/english/support/trouble/manual/download/sc02l/index.html>

* You can download the latest information. URL and the contents are subject to change without prior notice.

Operation descriptions

In this manual, the operation steps such as the menu operations are simply described as follows.

- "Tap" is an operation of touching lightly the display of the terminal with finger (P.28).

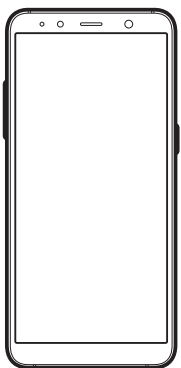
(Example) For tapping "apps folder" on the Home screen to display the app menu and then tapping  (Settings icon), the operation is described as follows.

1 From the Home screen, "apps folder" → "Settings"

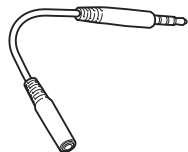
- In this manual, the operation steps and screen images are described in default status. The operation steps or screen image on the terminal may vary by the service you use or app you installed.
- This manual describes in the case of "Frost White" as the terminal color, "docomo LIVE UX" as the Home application, and "Original" as Kisekae. Home application can be switched by the operation from the Home screen, tap "Change home".
- An operation guidance screen may appear on the Home screen, Apps screen, etc. If "Do not show again" etc. option is displayed on the screen, select the option to hide the screen from then on.
- The images and illustration used in this manual are examples. They may differ from the actual displays.
- In this manual, function or setting that is available in multiple operations are explained mostly with the easily understandable operation steps.
- In this manual, "SC-02L" mobile terminal is usually referred to as "terminal". Please be forewarned.
- Reproduction of the content of this manual in part or in whole is prohibited.
- The content of this manual is subject to change without notice.

Accessories

■ SC-02L Terminal



■ External TV antenna cable SC04

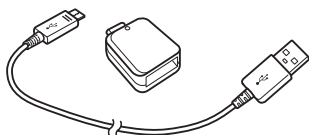


* The terminal supports only 1 Seg.

■ SIM ejector tool (sample)



■ Sample for data transfer (Micro USB cable and USB conversion adapter for OTG) (sample)



■ クイックスタートガイド (Quick start guide) (In Japanese only)

■ ご利用にあたっての注意事項 (Notes on Usage) (In Japanese only)

■ データ移行用試供品取扱説明書 (Sample for data transfer Manual)

To check and purchase optional accessories compatible with the terminal (sold separately), refer to the DOCOMO online shop.

<https://www.mydocomo.com/onlineshop/options/index.html> (In Japanese only)

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About usage of the terminal

- The terminal supports LTE, W-CDMA, GSM/GPRS, and wireless LAN.
- Since the terminal uses wireless signal, it may not be able to use in a location with no signal reception such as a tunnel, underground, a building, an outdoor location with weak or poor signal reception, or a location outside of the LTE and FOMA service areas. Even when you are high up in a tall building or condominium and nothing blocks your view outside, your terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when the signal meter on your terminal indicates there are strong radio waves and you are not moving (traveling).
- Because your terminal uses radio waves to communicate, it is possible that a third party may attempt to tap your calls. However, LTE, W-CDMA, GSM/GPRS system automatically applies a confidential communication function to all calls, so even if a third party could somehow tap a call, they only hear noise.
- The terminal encodes voice communication as digital data. When you are operating your terminal while moving to a location subject to weaker radio wave conditions, the transmitted digital data may not be correctly decoded and as a result the decoded voice may differ somewhat from the actual voice.
- Keep the information that you registered in the terminal separately by noting down periodically or saving to microSD card, PC etc. DOCOMO assumes no responsibility for any loss of your data caused by malfunction, repair, change to a new model or any other reasons. If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- As with PCs, some applications that you install or websites that you access may give the terminal instability of the operation, or may send your location information or personal information registered to the terminal to outside via the Internet and the information may be used improperly. Therefore, verify the supplier and operating conditions of the applications and websites before using them.
- The terminal automatically performs communication for some functions, for example, to synchronize data, check the latest software, maintain connection with the server, etc. Additionally, when you download applications or watch video etc., a large amount of packet communication charges are executed. Therefore, it is highly recommended to use packet pack or packet flat-rate service.
- Depending on the applications or service you use, packet communication charge may be applied even in Wi-Fi communication.
- If the microSD card or the terminal internal storage does not have enough memory, running applications may not work normally. In such case, delete saved data.
- In the terminal, functions may be added or operation steps may be changed due to upgrading Operating System (OS). For latest information of additional function or operation steps, refer to NTT DOCOMO website. Also some applications used for former OS may not work or unintended failure may occur.
- In case of loss of the terminal, set password, etc. for the screen lock to ensure the security of the terminal. (P.113)
- If you lose your terminal, change password or disable authentication of online service accounts from PC so that Google Services such as Gmail, Google Play, or SNS, etc. should not be used by others.
- For using services and applications provided by the third party including the applications provided by Google LLC, confirm the terms and conditions specified by Google or the providers. DOCOMO assumes no responsibility for any malfunctions resulting from the services and applications.
- When the terms of use screen appears, follow the on-screen instructions.
- Applications or services are subject to change without prior notice.
- The terminal does not support service providers other than sp-mode, mopera U or Business mopera Internet.
- For details on usage fee, refer to the NTT DOCOMO website.
- Although the display is manufactured with extremely advanced technology, some dots may not be lit or be always lit. Note that, this shows characteristics of liquid crystal displays and not defects in the terminals.
- The terminal has an organic EL display. Although an afterimage may occur when the same image has been displayed for a long time, it is not a malfunction. To prevent the display from having afterimages, do not display the same image for a long time. Also, unevenness of colors or brightness, or changes of colors may be found depending on direction you are looking. That is because of the structure of organic EL display, not a malfunction.
- For commercially available option devices, DOCOMO is not liable to any failures or the malfunctions.

Precautions (Always follow these directions)

- Before using your terminal, or when necessary, read the precautions below to ensure safe use and handling.
- These precautions are intended to protect you and others around you. Read and follow them carefully to avoid injury, damage to the terminal or damage to property.
- The signs below differentiate between the levels of danger that can occur if the terminal is not used within the specified guidelines.

 DANGER	This sign denotes that "death or serious injury (*1) may result from improper use".
 WARNING	This sign denotes that "death or serious injury (*1) may result from improper use".
 CAUTION	This sign denotes that "minor injury (*2) or damage to property (*3) may result from improper use".

- *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 Minor 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 Physical damage: This refers to extended damage to buildings, furniture, livestock, pets, etc.

■ The symbols below show specific directions.

 Don't	This symbol denotes that the action is prohibited.
 No disassembly	This symbol denotes that disassembling the phone or its components is not allowed.
 No liquids	This symbol denotes that using the phone or its components in a bathroom or other highly humid area is not allowed.
 No wet hands	Indicates that handling with wet hands is not allowed.
 Do	This symbol denotes that an instruction must be obeyed at all times.
 Unplug	This symbol denotes that the equipment should be unplugged.

1. Handling the terminal, adapter, docomo nano UIM card and External TV antenna cable (common)

DANGER

-  **Do not use, store or leave the terminal in hot places (e.g. by the fire, near a heater, under a kotatsu or futon, in direct sunlight, in a car in the hot sun).**
May cause fire, burns, injuries or electric shocks, etc.
-  **Do not put the terminal into or near a heating cooking device such as a microwave oven or IH cooker, or high-pressure container such as a pressure cooker.**
May cause fire, burns, injuries or electric shocks, etc.
-  **Do not pour sand, soil or mud on the product or place the product directly on sand, soil or mud. Avoid touching the product with a hand covered with sand, etc.**
May cause fire, burns, injuries or electric shocks, etc.
For the waterproof and dustproof functions, refer to the following:
→ P.17 "Waterproofness/Dustproofness"
-  **Do not charge when the terminal is wet with water (drinking water, perspiration, seawater, urine of pet animals, etc.). Also, do not charge the terminal in a place where it possibly contacts water such as a bathroom.**
May cause fire, burns, injuries or electric shocks, etc.
For the waterproof function, refer to the following:
→ P.17 "Waterproofness/Dustproofness"
-  **Do not apply a large amount of force or bend the terminal. Particularly when putting the terminal in your pocket and carrying it around, do not bump or press it against anything.**
The internal battery may damage and may result in fire, burns or injury.
* The following are examples that you should be careful of:
 - Sitting or squatting with the terminal put in a pocket of trousers or skirt
 - Putting the terminal in a pocket of outer wear and catching them in a door or a door of car
 - Stepping on the terminal on a soft object such as a sofa, bed, or bedding, or on a floor

 **Do not attempt to remove the internal battery from the terminal.**
May cause fire, burns, injuries or electric shocks, etc.

 **Do not disassemble or remodel the equipment.**
May cause fire, burns, injuries or electric shocks, etc.
No disassembly

 **Do not let the product get wet with water (drinking water, perspiration, seawater, urine of pet animals, etc.).**
May cause fire, burns, injuries or electric shocks, etc.
For the waterproof function, refer to the following:
→ P.17 "Waterproofness/Dustproofness"

 **Do not put water (drinking water, perspiration, seawater, urine of pet animals, etc.) into the charging terminal or external connection terminal.**
May cause fire, burns, injuries or electric shocks, etc.
For the waterproof function, refer to the following:
→ P.17 "Waterproofness/Dustproofness"

 **Use the optional products specified by NTT DOCOMO for your terminal.**
Use other than specified may cause fire, burns, injuries or electric shocks, etc.

WARNING

 **Do not drop, trample, or throw the terminal or give a strong force or vibration to it.**
May cause fire, burns, injuries or electric shocks, etc.

 **Do not allow conductive materials (metal pieces, pencil lead, etc.) to come in contact with the charging terminal or external connection terminal and do not allow dust to get inside.**
May cause fire, burns, injuries or electric shocks, etc.

 **Do not cover or wrap the product with bedding, etc. while using or charging the product.**
May cause fire or burns.

 **If charging is not complete after the specified charging time has passed, stop charging.**
Do Not doing so may cause fire, burns, or injuries due to overcharge.

 **Make sure to turn off the terminal or stop charging before you get close to places like a gas station where a flammable gas or dust can be generated.**
Do Not doing so may cause the gas to ignite or fire.
When using Osaifu-Keitai in a place such as a gas station, turn off the terminal before using it. (When NFC/Osaifu-Keitai lock is activated, deactivate it before turning off the terminal.)

 **If the equipment gives off a strange smell, noise, smoke, or overheats or becomes discolored or deformed during use, charge, or storage, perform the following operations.**
Do

- Remove the power plug from outlet or cigarette lighter socket.
- Turn the terminal off.

Failure to do the above operations may cause fire, burns, injuries, or electric shock.

CAUTION

 **Do not use the damaged terminal.**
Don't May cause fire, burns, or injuries.

 **Do not leave the equipment on unstable or sloping surfaces. Especially while the vibration mode is set.**
Don't The terminal may fall and cause injuries.

 **Do not store the equipment in extremely humid, dusty or hot areas.**
Don't May cause fire, burns, electric shock, etc.
For the waterproof and dustproof functions, refer to the following:
→ P.17 "Waterproofness/Dustproofness"

 **When children use the terminal, do not let them use incorrectly without instruction by an adult for proper use.**
Don't May cause injuries, etc.

 **Do not store the product within the reach of small children.**
Don't May be accidentally swallowed, or cause injuries, electric shocks, etc.

 **Be careful when using the terminal continuously for a long time or charging because temperature of the terminal may rise. Also, be careful not to touch it unintentionally for a long time when you put the terminal in a pocket of clothes, you fall asleep, etc.**
Do If you use applications, make calls, perform data communications, watch 1Seg or videos, etc. while charging the battery for a long time, the temperatures of the terminal or the adapter may rise. Directly touching a hot part for a long time, you may have redness, itching or rash on your skin, or it may result in low-temperature burns depending on your constitution and/or health condition.

2. Handling the terminal

DANGER

 **Do not throw the terminal into fire or apply heat.**
Don't May cause fire, burns, or injuries.

 **Do not put excessive force such as sticking a sharp object (nail, etc.) into the terminal, hitting it with a hard object (hammer, etc.), or stepping on it.**
Don't May cause fire, burns, or injuries.

 **If the internal substance of the terminal contacts your eyes or mouth, immediately rinse your eyes or mouth with clean water and see a doctor right away.**
Do The substance inside the terminal may cause loss of sight or poor health.

WARNING

 **Do not lighten or flash the lighting part of the light close to person's eye. Keep enough distance especially from small children.**
Don't Such as vision disability may result. It may dazzle eyes or shock causing an accident such as injuries.

-
-  **Do not lighten or flash the light to drivers of cars, etc.**
May disturb driving and cause an accident, etc.
-
-  **Do not watch the display that blinks repeatedly for a long time.**
May cause spasm, loss of consciousness, etc.
-
-  **Do not put foreign objects such as water or other liquids (drinking water, sweat, sea water, urine of pet animals, etc.) or metal objects (blade of cutter, staple, etc.) into docomo nano UIM card/microSD memory card tray.**
Please do not mistake the insertion location and direction of the docomo nano UIM card or microSD memory card.
May cause fire, burns, injuries or electric shocks, etc.
-
-  **Do not expose the camera lens to direct sunlight for an extended period.**
May cause fire, burns, injuries, etc. by the light-collecting mechanism of the lens.
-
-  **When on board an airplane, turn the power of the terminal off or put it in Airplane mode.**
Follow the instructions of each airline, because there are different restrictions for using the terminal on an airplane.
Failure to do so may cause airplane electronic equipment to fail or malfunction by radio wave.
If you do a prohibited act such as using the terminal in an airplane, you will be punished according to law.
-
-  **When using the terminal in a medical facility, be sure to observe the regulations of the facility.**
Turn the terminal off where its use is prohibited.
Failure to do so may cause electronic equipment or electronic medical equipment to fail or malfunction by radio wave.
-

-
-  **When using the handsfree call, ringtone is ringing loud, or in the standby mode, be sure to keep this terminal off of the ears.**
Also, when playing games, video, or music with an earphone microphone connected to the terminal, adjust the volume to the proper level.
When using the handsfree call, loud noise sounds from the terminal. Even in the standby mode, ringtone and vibrator may work suddenly. Using continuously for a long time with too loud volume may cause a hearing loss, etc.
And, if you cannot hear the sound around you clearly, it may cause an accident.
-
-  **If you have weak heart, be careful when setting the vibrate alert (vibration) or alert volume setting.**
The vibrator (vibration) or ringtone suddenly activating or ringing may affect your heart.
-
-  **When you use electronic medical equipment, check with the equipment manufacturer to determine how the device is affected by radio waves before using.**
The terminal's signals may affect the performance of electronic medical equipment.
-
-  **Turn the terminal off near high-precision electronic control equipment or electronic equipment using low-power signals.**
Not doing so may cause the equipment to fail or malfunction by radio wave.
* Examples of electronic equipment to avoid
Hearing aids, implanted pacemakers or defibrillators, other electronic medical equipment, fire alarms, automatic doors and other automatic control equipment. Users wearing implanted pacemakers or defibrillators, or other electronic medical equipment should check with the manufacturer or sales outlet about the effect of radio frequencies on the equipment.
-
-  **When the display, back panel, or camera lens is accidentally broken, be careful of broken glass or exposed internal parts of the terminal.**
If you mistakenly touch broken or exposed parts, you may have burns, injuries, or electric shock.
-
-  **If the internal battery leaks or gives off a strange smell, immediately remove the terminal from the vicinity of open flames.**
The vapors from leaking battery fluid may ignite, fire or explode.
-

-
-  **Prevent your pet, etc. from biting the terminal.**
Do The internal battery may damage and may result in fire, burns or injury.
-

 CAUTION

-
-  **Do not swing the terminal around by holding strap, etc.**
Don't May cause accident such as injuries.
-
-  **When using the motion sensor, stay alert to your surroundings, hold the terminal firmly, and do not swing it excessively.**
Don't May cause accident such as injuries.
-
-  **If the display breaks and the fluid, etc. leaks out from inside, do not let the fluid contact with the skin on your face or hands or clothes.**
Don't May cause eye or skin problems.
If the fluid etc. enters your eyes or mouth, or contacts skin or clothes, immediately flush the contacted area with clean water.
If the fluid, etc. enters your eyes, mouth, etc. immediately see a doctor after flushing.
-
-  **Do not discard the old terminal together with other garbage.**
Don't May cause fire, burns, or injuries. Environmental damage may also be caused. Bring them to a sales outlet such as docomo Shop. If your local municipality has a battery recycling program, dispose of them as provided for.
-
-  **If fluid, etc. leaks out from the internal battery, do not let the fluid contact with the skin on your face or hands, or clothes.**
Don't May cause eye or skin problems.
If the fluid etc. enters your eyes or mouth, or contacts skin or clothes, immediately flush the contacted area with clean water.
If the fluid, etc. enters your eyes, mouth, etc. immediately see a doctor after flushing.
-
-  **When you remove docomo nano UIM card, be careful of the nib of SIM ejector tool or paper clip not to hurt your body parts such as fingers.**
Do Not doing so may cause injuries when you touch the nib of SIM ejector tool or paper clip.
-

-
-  **To use the terminal in car, check with automobile manufacturer or dealer to determine how vehicle devices are affected by radio waves before using.**
Do Using the phone in some vehicle models can cause the vehicle's electronic equipment to malfunction. In that case, stop using the terminal immediately.
-
-  **If you develop skin problems, stop using the terminal immediately, and see a doctor.**
Do Mobile phones can give some users skin problems such as itching, allergic reactions or rashes.
For materials of parts, refer to the following.
→ P.11 "Material list"
-
-  **Be sure to check that there are no metal fragments (such as cutter blades or staples) adhered to the magnetic parts used in the speaker, ear piece, outer camera part, and vibrator part of the terminal.**
Do Not doing so may cause injuries, etc. due to adhered objects.
-
-  **When watching the display screen, keep a certain distance from the display in a fully bright place.**
Do Not doing so may reduce visual acuity.
-

3. Handling adapter

 WARNING

-
-  **Do not use the adapter cord if it gets damaged.**
Don't May cause fire, burns, electric shock, etc.
-
-  **Always use the DC adapter with a negative-ground vehicle. Do not plug it into a positive-ground vehicle.**
Don't May cause fire, burns, electric shock, etc.
-
-  **When it starts to thunder, do not touch adapter.**
Don't May cause electric shock.
-

-
-  **Do not short the charging jack while it is connected to the outlet or accessory socket. Do not touch the charging jack with a part of your body such as your hand or finger.**
May cause fire, burns, electric shock, etc.
-
-  **Do not place heavy objects on the adapter cord, or do not pull the cord with excessive force.**
May cause fire, burns, electric shock, etc.
-
-  **When you insert and remove the AC adapter from power outlet, do not contact a metal strap or other metal objects with the jack.**
May cause fire, burns, electric shock, etc.
-
-  **Do not use a transformer for overseas travel (travel converter) as the AC adapter.**
May cause ignition, heating, or electric shock.
-
-  **Do not apply force on the connected parts when the adapter is connected to the terminal.**
May cause fire, burns, injuries or electric shocks, etc.
-
-  **Do not touch the adapter cord, charging terminal, or power plug with wet hands.**
May cause fire, burns, electric shock, etc.
-
-  **Only use with the specified power source and voltage. When charging the terminal overseas, use AC adapter for global use.**
If incorrect voltage is used, this may cause fire, burns or electric shock.
AC adapter: AC100V (Connect to the AC outlet for internal household use)
AC adapter for global use: Between 100V and 240V AC (Connect to the AC outlet for internal household use)
DC adapter: DC12V · 24V (specific for negative ground vehicle)
-
-  **When replacing the DC adapter's fuse, replace it only with a specified fuse.**
Use other than specified may cause fire, burns, or electric shocks, etc. For the specified fuse, see the provided instruction manual.
-
-  **Wipe off any dust that accumulates on the power plug.**
Not doing so may cause fire, burns, or electric shock.
-

-
-  **When you connect the adapter to an outlet or accessory socket, firmly connect it to the outlet.**
Not doing so may cause fire, burns, electric shock.
-
-  **When you disconnect the power plug from an outlet or accessory socket, do not pull the adapter cord with excessive force. Instead, hold the adapter to disconnect.**
Not doing so may cause fire, burns, electric shock.
-
-  **When connecting/disconnecting the adapter to/from the terminal, do not use force and connect/disconnect straight without bending.**
May cause fire, burns, injuries, or electric shock.
-
-  **Immediately stop using the terminal if the external connection terminal is deformed. Do not use it by restoring the deformation.**
May cause fire, burns, injuries, or electric shock due to short circuit of the charging terminal.
-
-  **Always remove the power plug from an outlet or accessory socket when not using the adapter.**
If the power plug is left plugged in, this may cause fire, burns, injuries, electric shocks, etc.
-
-  **Immediately remove the power plug from the outlet or accessory socket if water or other fluids (drinking water, perspiration, seawater, urine of pet animals, etc.) adheres to the adapter.**
Not doing so may cause fire, burns, injury, etc. due to short-circuit from adhered substance.
-
-  **Always remove the power plug from an outlet or accessory socket when cleaning the equipment.**
Not doing so may cause fire, burns, or electric shock.
-

CAUTION

-  **Do not touch the adapter successively when it is connected to a power outlet or accessory socket.**
May cause burns, etc.

4. Handling docomo nano UIM card

CAUTION

-  **Be careful of the cut surface when handling a docomo nano UIM card as it may damage a part of your body such as fingers, etc.**
May cause injuries, etc. by the sharp cut surface.

5. Handling mobile phones near electronic medical equipment

WARNING

-  **Wearers of medical equipment such as implanted pacemakers or defibrillators must carry and use the terminal at least 15 cm away from the implanted device.**
The terminal's signal may affect the performance of electronic medical equipment.
-
-  **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.**
The terminals signals may affect the performance of electronic medical equipment.
-
-  **Make sure that the terminal will not emit any signals (turn off power, put it in Airplane mode, etc.) if within 15 cm of those around you, such as where crowded and you cannot move freely.**
There may be wearers of medical equipment such as implanted pacemakers or defibrillators around you. The terminal's signal may affect the performance of electronic medical equipment.
-
-  **When using the terminal in a medical facility, be sure to observe the regulations of the facility.**
The terminal's signal may affect the performance of electronic medical equipment.

6. Material list

Part	Material	Surface treatment
Display (touch screen)	Hardened glass	AF coating
Exterior case (side)	Aluminum	Anodic oxidation treatment
docomo nano UIM card/microSD card tray	PC	Laser engraved
docomo nano UIM card/microSD card tray (side)	Aluminum	Anodic oxidation treatment
docomo nano UIM card/microSD card tray (waterproof packing)	Silicone	-
Rear panel	Hardened glass	Laminate (PET film) + AS coating
Fingerprint sensor (center area)	Epoxy	Spray finish
Fingerprint sensor (surrounding area)	Aluminum	Anodic oxidation treatment
Power key/screen lock key, Volume UP key/Volume DOWN key	Aluminum	Anodic oxidation treatment
Earpiece	Aluminum	Anodic oxidation treatment
Rear camera (lens panel)	Hardened glass	-
Rear camera lens (surrounding area)	Aluminum	Anodic oxidation treatment
Flash/Light	Hardened glass	-
USB Type-C jack	Heat resistant plastic	-
USB Type-C jack (surrounding area)	PC	-
Headphone connection jack	Copper/titanium alloy	Nickel plating and Gold plating
Headphone connection jack (surrounding area)	PPA	-

Part		Material	Surface treatment
Speaker		Aluminum	Anodic oxidation treatment
Slit		PC	-
External TV antenna cable SC04	Earphone microphone jack (metal part)	Brass	Nickel plating and Gold plating
	Earphone microphone jack outer cover, Connection plug outer cover	LDPE, TPE	-
	Cable	JLS-FR331W803F BLACK	-
	Plug (metal part)	Brass	Nickel plating and Gold plating
	Plug (resin)	LDPE, TPE	-
SIM ejector tool		SUS304	Barrel polishing

7. Handling samples (SIM ejector tool)

DANGER

-  **Do not use, store or leave the terminal in hot places (e.g. by the fire, near a heater, under a kotatsu or futon, in direct sunlight, in a car in the hot sun).**
May cause fire, burns, injuries or electric shocks, etc.
-  **Do not put the terminal into or near a heating cooking device such as a microwave oven or IH cooker, or high-pressure container such as a pressure cooker.**
May cause fire, burns, injuries or electric shocks, etc.

WARNING

-  **Do not drop, trample, or throw the terminal or give a strong force or vibration to it.**
May cause fire, burns, injuries or electric shocks, etc.
-  **The end of the SIM ejector tool is sharp. Do not point it at yourself or other people.**
May cause injuries or loss of sight, etc.

CAUTION

-  **Do not leave the equipment on unstable or sloping surfaces.**
The terminal may fall and cause injuries.
-  **Do not store the equipment in extremely humid, dusty or hot areas.**
May cause fire, burns, electric shock, etc.
-  **When children use the terminal, do not let them use incorrectly without instruction by an adult for proper use.**
May cause injuries, etc.
-  **Do not store the product within the reach of small children.**
May be accidentally swallowed, or cause injuries, electric shocks, etc.
-  **If you develop skin problems, stop using the equipment immediately, and see a doctor.**
Mobile phones can give some users skin problems such as itching, allergic reactions or rashes.
For materials of parts, refer to the following.
→ P.11 "Material list"

Handling precautions

General

- **SC-02L is waterproof/dustproof; however, do not allow water (drinking water, perspiration, seawater, urine of pet animals, etc.) or dust to enter this terminal or come in contact with accessories or optional devices.**
Adapter, docomo nano UIM card and external TV antenna cable are not waterproof/dustproof. Do not use them in a humid place such as bathroom or in the rain. If you carry your terminal on your body, perspiration may corrode the internal parts of the terminal and cause malfunction. Note that malfunctions deemed to be caused by water are not covered by the warranty or impossible to repair. To repair the terminal, contact "Technical Inquiries & Repairs" provided on the last page of this manual (in Japanese only) or a repair center specified by DOCOMO.
- **Clean the terminal with a dry soft cloth (such as a cloth for eyeglasses).**
 - Rubbing it roughly may scratch the display.
 - Drops of water or dirt left on the display may cause stains.
 - If the terminal is wiped with alcohol, paint thinner, benzine or detergent, the printing may disappear or color may fade.
- **Clean the jacks or the fingerprint sensor occasionally and use the terminal in a clean state.**
If the jack etc. is dirt, you may not use the terminal normally. When cleaning, be careful not to damage the terminals.
- **Do not place the terminal near an air-conditioner outlet.**
The rapid change in temperature may cause condensation, causing internal corrosion and malfunction.
- **Do not apply excessive force to the terminal.**
Putting the terminal into a tightly packed bag or sitting on the terminal in your pocket might cause malfunction or damage of the display, internal circuit board, internal battery, etc.
Also, keeping an external device connected to the external connection terminal might cause malfunction or damage.
- **Use the optional products specified by NTT DOCOMO for your terminal.**
If you use products other than specified, it may cause malfunction or damage.
- **Read the instruction manuals supplied with individual optional devices.**
- **Do not drop or give a strong impact to the terminal.**
May cause malfunction or damage.

The terminal

- **Do not press display surface forcibly, or not operate with a sharp pointed objects.**
May cause a malfunction or damage of display.
- **Do not use the terminal in extremely hot or cold places.**
Use the terminal within a temperature range of 0°C to 45°C (limited to the temporary use in a bathroom etc. when temperature is above 36°C) and a humidity range of 0% to 98%.
- **The terminal may affect land-line phones, TVs or radios in use nearby, so use it as far as possible from these appliances.**
- **Keep the information that you registered in the terminal separately by backing up to microSD card, PC, cloud, etc. or noting down.**
If registered data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **Do not plug external devices into the external connection jack at a slant, or do not pull it forcibly while it is plugged.**
May cause malfunction or damage.
- **The terminal could become warm while in use and charging. This condition is not abnormal. You can continue to use the terminal.**
- **Do not leave the camera lens under direct sunlight.**
May cause discoloring or burn-in of elements.
- **Usually, close the docomo nano UIM card/microSD card tray tightly during use.**
Not doing so may cause malfunction due to entering foreign objects such as liquid like water (drinking water, perspiration, seawater, urine of pet animals, etc.) or dust to the terminal.
- **Do not give strong force to the fingerprint sensor or scratch the surface of it.**
May cause damage to the fingerprint sensor or cause the terminal to be unavailable to perform the authentication.
- **While microSD card is being used, do not take the card out or do not turn off the terminal.**
May cause data loss or malfunction.
- **Do not bring magnetic cards or magnetic objects, etc. close to the terminal.**
Magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
Putting a strong magnetism close to this terminal may cause false operation.

■ **Do not decorate the terminal sensor with film or sticker.**

Functions using the proximity sensor may not work properly.
For the position of the proximity sensor, refer to the following.
→ P.20 "Part names and functions"

■ **Since the Internal battery is a consumable accessory, it is not under warranty.**

The internal battery may swell as battery life gets closer depending on operating conditions.

Battery life varies depending on usage conditions, etc., but it is time to change internal battery when the usage time has become extremely short or the internal battery has swollen even though the internal battery has been fully charged. To replace the internal battery, contact "Technical Inquiries & Repairs" provided on the last page of this manual or a repair center specified by DOCOMO.

■ **Charge the battery in an area within the proper ambient temperature range (5-35°C).**

■ **The operation time provided by the internal battery varies by the operating environment and internal battery deterioration.**

■ **To store the terminal, avoid the following conditions so as not to degrade the performance or the battery life of the internal battery.**

- Storing under the state of the full charge (right after charging ends)
 - The battery has run out (the terminal cannot be turned on)
- An appropriate battery level for storing is about 40%.

■ **The terminal has the following type of internal battery.**

Display	Battery type
Li-ion 00	Li-ion battery

Instructions for using the adapter

■ **Charge the battery in an area within the proper ambient temperature range (5-35°C).**

■ **Do not charge the battery in the areas below.**

- In areas of excessive humidity, dust or vibrations
- Near land-line phones or TV/radio

■ **It is normal for the adapter to become hot while charging. Continue to use it.**

■ **When using the DC adapter for charging, keep the vehicle engine running.**

The vehicle's battery could become flat.

■ **When using an outlet with a mechanism preventing unplugging, follow the handling instructions for that outlet.**

■ **Do not give a strong impact to the adapter. Also, do not deform the charging jack.**

May cause malfunction.

docomo nano UIM card

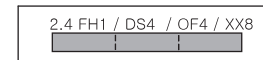
- Do not put excessive force on the docomo nano UIM card when inserting into or removing from the terminal.
- Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using a docomo nano UIM card with other IC card reader/writer.
- Clean the IC part occasionally and use it in a clean state.
If the IC is dirty, it may not be used properly.
- Clean docomo nano UIM with a soft, dry cloth (such as a cloth for eyeglasses).
- Be sure to back up the data you saved in the docomo nano UIM card on a microSD card, PC or cloud service, or keep a separate note.
If registered data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- Take an expended docomo nano UIM card to a sales outlet such as a docomo Shop for proper disposal in order to protect the environment.
- Take care not to scratch, touch accidentally or short IC.
May cause data loss or malfunction.
- Do not drop a docomo nano UIM card or subject it to impact.
May cause malfunction.
- Do not bend a docomo nano UIM card or place a heavy object on it.
May cause malfunction.
- Do not install docomo nano UIM card into the terminal with a label or sticker put on.
May cause malfunction.

Bluetooth function

- The terminal is equipped with the security features, that are compliant with Bluetooth standards for communication via Bluetooth. However, depending on the settings, there may not be enough security. Be aware of security risks when using Bluetooth.
- DOCOMO assumes no responsibility for any information which may be leaked during communication via Bluetooth.

● Frequency bands

The frequency band used by the terminal's Bluetooth function/Wi-Fi function is storage section is as follows.



- | | | |
|---|---|--|
| 2.4 | : | This radio equipment uses the 2400 MHz band. |
| FH/DS/OF/XX | : | Modulation scheme is FH-SS, DS-SS, OFDM or other scheme. |
| 1 | : | The estimated interference distance is 10 m or less. |
| 4 | : | The estimated interference distance is 40 m or less. |
| 8 | : | The estimated interference distance is 80 m or less. |
|  | : | The full band between 2400 MHz and 2483.5 MHz is used and the band of the mobile identification device is unavoidable. |

Available channels vary by the country.

For use in an aircraft, contact the airline company beforehand.

● Cautions on using Bluetooth devices

In the bandwidth used by the terminal, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, 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 (hereafter "other radio stations") can be in operation.

1. Before using the terminal, confirm that "another station" is not being operated nearby.
2. In the event of the terminal causing harmful radio wave interference with "another station", promptly change the operating frequency or stop radio wave emission by turning off the power, etc.
3. If you have further questions, contact "docomo Information Center" provided on the last page of this manual.

Wireless LAN (WLAN) precautions

■ **Wireless LAN (WLAN) uses radio waves to enable communications between compatible devices, thus allowing connection to a local area network from anywhere within the range. At the same time, there is a risk that a malicious third party may obtain unauthorized access if security settings have not been configured. You are recommended to configure security settings before using wireless LAN at your decision and responsibility. It is recommended to make necessary security settings on your judgment and responsibility.**

■ **DOCOMO assumes no responsibility for any information which may be leaked during communication via wireless LAN.**

● **Wireless LAN**

Do not use wireless LAN in a place that is magnetized by electric products, AV, OA equipment, etc. or where electromagnetic wave is generated.

- Subjecting the terminal to magnetic or electrical noise might increase noise and prevent it from performing communications. (the terminal is particularly susceptible to noise when it is used near a microwave oven.)
- Using the terminal near a TV, radio or similar appliance might cause reception interference and disrupt TV images.
- The searching might not be successful if there are multiple wireless LAN access points near to the terminal or the same channel is being used.
- For using WLAN overseas, point of use etc. may be restricted depending on country. In that case, confirm conditions such as available frequency or regulations of the country to use it.

● **2.4 GHz device cautions**

In the frequency band used by WLAN devices, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations for identification of mobile objects used in production lines of a factory (a license is required), specified low power radio stations (a license is not required), or amateur radio stations (a license is required) can be in operation.

1. Before using the device, confirm that premises radio stations for identifying mobile units, specified low power radio stations and amateur radio stations are not being operated nearby.
2. If the device causes harmful radio interference to premises radio stations for identifying mobile units, immediately change the frequency band or stop use, and contact "docomo Information Center" described on the last page of this manual for crosstalk avoidance, etc. (e.g. partition setup).

3. If the device causes radio interference to specified low power radio stations or amateur radio stations, contact "docomo Information Center" described on the last page of this manual.

● **5 GHz device cautions**

The terminal can use 3 frequency bands of 5.2 GHz band (W52), 5.3 GHz band (W53), 5.6 GHz band (W56).

- 5.2 GHz band (W52/36, 40, 44, 48 ch)
- 5.3 GHz band (W53/52, 56, 60, 64 ch)
- 5.6 GHz band (W56/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 ch)

Using wireless LAN built-into the terminal in 5.2/5.3 GHz outside is prohibited by the Radio Law (except when communicating with a base station of data communication system for 5.2 GHz high power frequency band or relay station).

Precautions on FeliCa and NFC reader/writer

■ **The FeliCa and NFC reader/writer, P2P function for the terminal handle delicate signals that require no radio station license.**

■ **It uses 13.56 MHz frequency band. When someone uses other FeliCa and NFC reader/writer or P2P function in your surroundings, keep the terminal away sufficiently from them. Before using the reader/ writer, confirm that there are no radio stations using the same frequency band nearby.**

■ **For use in an aircraft, contact the airline company beforehand. In some countries, use may be restricted. Confirm regulations etc. for the country/area before using.**

Samples (SIM ejector tool) precautions

■ **Do not insert the SIM ejector tool into any hole other than the docomo nano UIM card/microSD card tray eject hole.**

May cause malfunction or damage.

■ **Do not apply excessive force to the SIM ejector tool when using it.**

May cause malfunction or damage.

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

■ **Do not use the SIM ejector tool with other mobile phones.**

May cause malfunction or damage to the terminal.

Note

- **Do not use a remodeled terminal. Using a remodeled terminal violates the Radio Law/Telecommunications Business Act.**
The terminal is compliant with rules on the technical standard conformance of specified wireless equipment based on the Radio Law/Telecommunications Business Act. As proof of this, the "Technical Compliance Mark" is depicted in the electronic faceplate. The electronic faceplate can be confirmed by operating this terminal as follows.
From the Home screen, "apps folder" → "Settings" → "About phone" → "Regulatory information"
If you remove the screws and alter the inside of the terminal, the technical regulations compliance certification becomes invalid. Never use the terminal with the certification invalid, as it is a violation of the Radio Law and Telecommunications Business Act.
- **Be careful when you use the terminal while driving a car etc.**
There is a penalty for holding or using the terminal while driving. However, absolutely necessary cases such as rescue of a sick person or maintaining public safety are exempted.
- **The FeliCa and NFC reader/writer function of the terminal conforms to Japanese radio standards.**
If you use the function overseas, confirm regulations of the country/region beforehand.
- **Do not alter the basic software illegally.**
Repairs may be refused as a modification of software.

Waterproofness/Dustproofness

SC-02L provides waterproofness of IPX5^{*1}, IPX8^{*2} and dustproofness of IP6X^{*3} with firmly attaching the docomo nano UIM card/microSD card slot.

- *1 IPX5 means that a communication device keeps functioning after applying a jet flow of 12.5 L/min. from every direction from a distance of approximately 3 m for at least 3 minutes using water nozzle in 6.3 mm inner diameter.
- *2 IPX8 means that a communication device keeps functioning after a mobile phone is slowly submerged to depth of 1.5 m in static tap water at room temperature, left there for 30 minutes and then taken out.
- *3 IP6X indicates a protection degree that a mobile phone has the ability to prevent dust from entering even when it has been shaken for 8 hours in an apparatus containing dust particles 75 μm or less in diameter.

What you can do with waterproofness of SC-02L

- **You can talk without an umbrella in the rain (for rainfall of 20 mm or less per hour).**
- **The terminal can be washed with tap water at room temperature.**
 - Do not apply water flow stronger than allowed (P.17).
 - Do not use brush, sponge, soap, detergent, etc.
 - If mud or dirt has adhered to your terminal, shake it several times in tap water put in a washbowl or other container to rinse it off and then flush it with running water.
 - Drain water in the specified steps (P.19) after washing.
 - Do not wash rubbing strongly.
- **You can use the terminal in a bathroom.**
 - Do not immerse the terminal into a bathtub. Also, do not use the terminal in hot water. May cause malfunction. If you should fall the terminal into the bathtub, immediately pick it up to drain water in specified procedure (P.19).
 - Never put the terminal in hot spring water or water containing soap, detergent or bath powder. In case the terminal gets wet with water other than tap water, wash it in the procedure above.
 - In a bathroom, you can use the terminal within a temperature range of 0°C to 45°C, humidity range of 0% to 98%, and 2 hours or less.
 - Rapid temperature change may cause condensation. In case of bringing the terminal from a cold place to warm place such as a bathroom, wait until the terminal reaches the room temperature.
 - Do not put hot water from a faucet or shower.

To ensure waterproofness/dustproofness

■ To avoid water/dust ingress, be sure to observe the following points.

- The terminal can be washed with tap water at room temperature.
- Do not poke the headphone connection jack, mouthpiece/microphone, earpiece, speaker, USB Type-C jack, etc. with a sharp object.
- Do not let the terminal fall. It may scratch the terminal, causing its waterproof/dustproof performance to degrade.
- Make sure that the docomo nano UIM card/microSD card tray is tightly closed. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) which is put between contact surfaces may allow water or dust to enter.

To keep the terminal waterproofness/dustproofness, replacement of parts is required every 2 years regardless of whether the terminal appears normal or abnormal. DOCOMO takes the terminal to replace the parts as a chargeable service. Bring the terminal to a sales outlet such as a DOCOMO-specified repair office.

Important precautions

Do not perform actions shown in the illustrations below.

〈Example〉



Attaching Soap/
Detergent/
Bath powder



Soaking in
ocean water



Using in
hot spring



Attaching
sand/mud

Observe the following precautions to use the terminal properly.

- Accessories and optional devices are not waterproof/dustproof.
- Do not apply water flow stronger than allowed (P.17). SC-02L is waterproof in IPX5 waterproof, water may enter inside from a damaged section and cause troubles such as electric shocks or corrosion of the battery.
- If the terminal gets wet with salt water, sea water, refreshing beverage, etc. or mud or soil adhered, wash it immediately. If they dry out, it is hard to remove the dirt and it may cause damage or malfunction.
- Do not put the terminal in hot water, use it in a sauna or apply hot airflow (from a hair dryer etc.) to it.
- Do not move the terminal in water or slam the terminal against the surface of water.
- The terminal does not float on water.
- Do not leave water droplets adhering to the terminal. In a cold region, it may cause the water to freeze, resulting in a malfunction.
- Do not leave water on the headphone connection jack, mouthpiece/microphone, earpiece, or speaker. Such water may interfere with talking.
- If liquid such as water is splashed on the terminal while the docomo nano UIM card/microSD card tray is open, the liquid may enter the terminal interior and may cause electric shock, malfunction, etc. Do not continue using the terminal and immediately switch off the terminal and contact DOCOMO-specified repair office.
- When a water droplet is attached to the terminal or when your hands are wet, please do not attach/remove the docomo nano UIM card/microSD card tray.

DOCOMO does not guarantee actual operations under all states. Malfunctions deemed to be caused by inappropriate operation by the customer are not covered by the warranty.

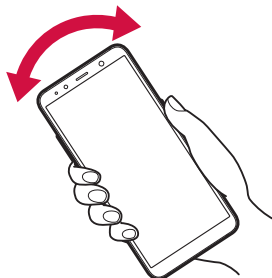
Draining water

When the terminal is wet, water may flow out after wiping it off; drain the water in the following steps.

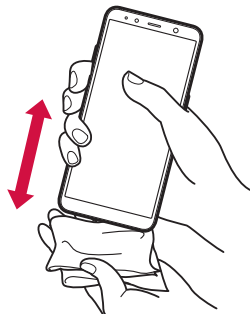
- ① Hold the terminal firmly and wipe off moisture on the terminal surface and back side with dry, clean cloth etc.



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



- ③ Swing the terminal about 10 times against a dry, clean cloth etc. to wipe off water remaining in the headphone connection jack, mouthpiece/microphone, receiver, speaker, keypad etc.



- ④ Wipe off water drained from the terminal with dry, clean cloth etc., and dry naturally.
 - Water, if any, remaining in the terminal may ooze up after wiping off.
 - Do not wipe off water remaining in gaps directly with a cotton swab etc.

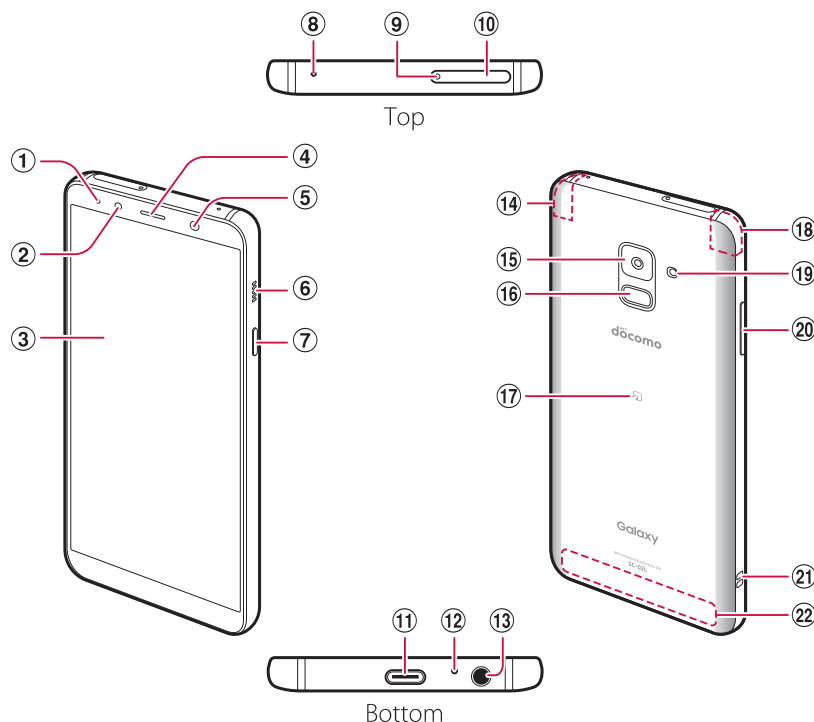
Charging

Check the following during and after charging.

- Never try to charge the battery when the terminal is wet.
- When charging the battery after the terminal gets wet, adequately drain the terminal, wipe off the remaining water with a dry, clean cloth or something similar and then connect it to USB Type-C jack.
- Do not use the AC adapter in a bathroom, shower room, kitchen, lavatory or other highly humid area. May cause fire or electric shock.
- Do not touch the AC adapter with wet hands. May cause electric shock.

Before using the terminal

Part names and functions



- ① Notification LED (P.36)
- ② Proximity/Light sensor^{*1}
- ③ Display (touch screen) (P.28)
- ④ Earpiece
- ⑤ Front camera (P.78)
- ⑥ Speaker^{*2}
- ⑦ Power/Screen lock key (P.27, P.30)
 - This key is used to turn on/off the power or screen. Press and hold for 1 second or longer to power off, restart and turn on/off emergency mode.
- ⑧ Mouthpiece/Microphone (upper)^{*3}
- ⑨ docomo nano UIM card/micro SD card tray eject hole
- ⑩ docomo nano UIM card/micro SD card tray (P.21)
- ⑪ USB Type-C jack ^{*4}

- ⑫ Mouthpiece/Microphone (lower)^{*5}
 - ⑬ Headphone connection jack
 - ⑭ GPS antenna^{*6}
 - ⑮ Rear camera (P.78)
 - ⑯ Fingerprint sensor (P.117)
 - ⑰ mark (P.87)
 - ⑱ Wi-Fi/Bluetooth antenna^{*6}
 - ⑲ Flash/Light
 - ⑳ Volume UP key/Volume DOWN key
 - This key is used to adjust sound volume, set silent mode (Vibrate), shoot still image/video, etc.
 - ㉑ Strap hole
 - ㉒ LTE/FOMA antenna^{*6}
- ^{*1} Do not cover the sensor with your hand or put a sticker on the sensor. The sensor may not work properly.
- ^{*2} Be careful not to get close to your ear when you use the speaker for playing music, etc.
- ^{*3} Mouthpiece/Microphone (upper) operates for calling, handsfree calling or video recording, etc.
- ^{*4} Used to charge, etc. It is compatible with USB Power Delivery.
- ^{*5} Mouthpiece/Microphone (lower) operates for calling, handsfree calling or recording by voice recorder, video recording or speech recognition using S voice or Memo, etc.
- ^{*6} Antenna is built into the terminal. Covering around the antenna with your hand may affect the quality of communications.

Information

- The back cover cannot be removed. Trying to remove it with excessive force may cause damage or malfunction.
- The battery is built into the terminal and you cannot replace it by yourself.

docomo nano UIM card

docomo nano UIM card is an IC card storing user information such as phone numbers.

- Only the docomo nano UIM card is available for the terminal. If you have a mini UIM, UIM or FOMA card, bring it to docomo Shop to replace.
- If docomo nano UIM card is not inserted, you cannot use functions such as calling, sending/receiving SMS, packet communication.
- In Japan, calls to emergency telephone numbers (110, 119, 118) cannot be made if docomo nano UIM card is not installed.
- For details on docomo nano UIM card, refer to the docomo nano UIM card manual.

Security codes of docomo nano UIM card

The docomo nano UIM card has security code, named PIN code (P.116).

Installing/Removing a docomo nano UIM card

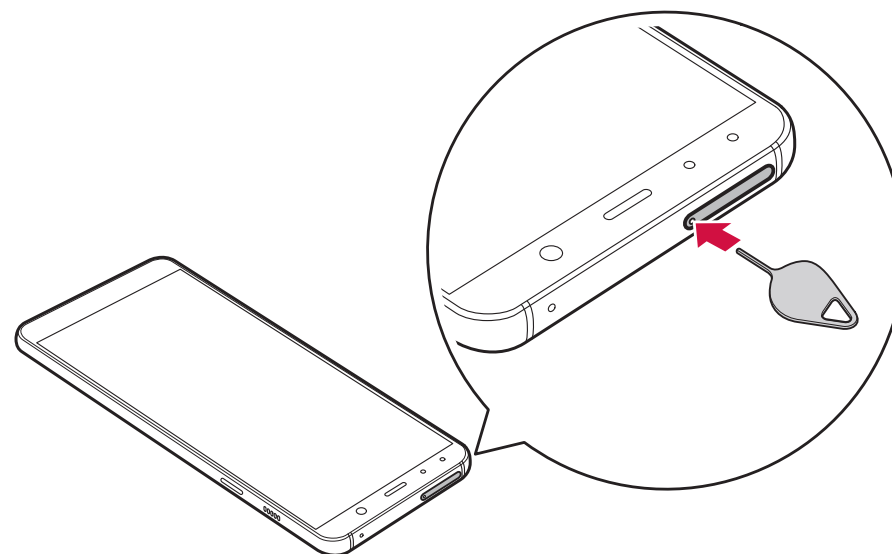
- The included SIM ejector tool (sample) is required to attach/remove the docomo nano UIM card.
- Turn off the terminal before installing/removing a docomo nano UIM card.

Installing docomo nano UIM card

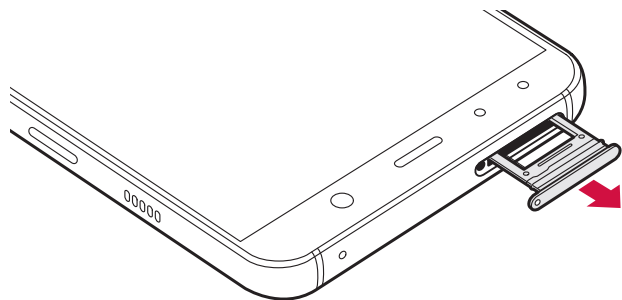
1 Insert the tip of the SIM ejector tool into the docomo nano UIM card/microSD card tray eject hole horizontally

The docomo nano UIM card/microSD card tray will slightly eject.

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

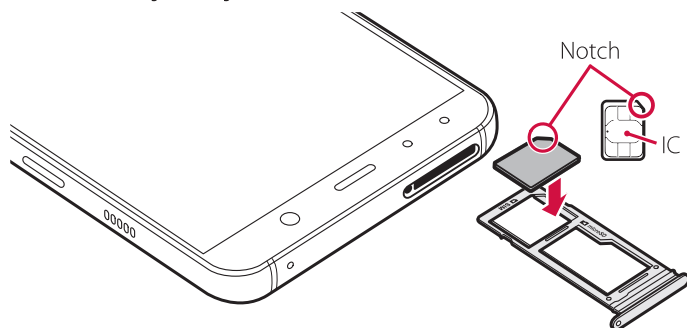


- 2** Pull out the docomo nano UIM card/microSD card tray in a straight line



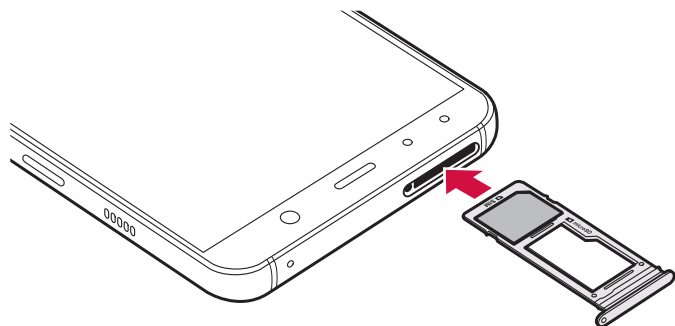
- 3** Place the IC surface of the docomo nano UIM card down on the docomo nano UIM card/microSD card tray

- Fit the docomo nano UIM card securely into the tray or it may come off when you try to insert it into the slot.



- 4** Insert the docomo nano UIM card/microSD card tray into the terminal

- Take care to insert the docomo nano UIM card/microSD memory tray in the correct direction. If the direction you insert the docomo nano UIM card/microSD card tray is incorrect, it may be damaged.



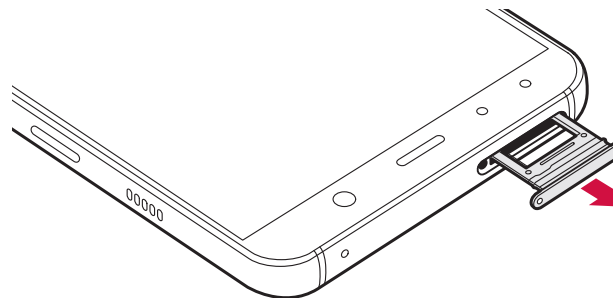
Removing docomo nano UIM card

- 1** Insert the tip of the SIM ejector tool into the docomo nano UIM card/microSD card tray eject hole horizontally (P.21)

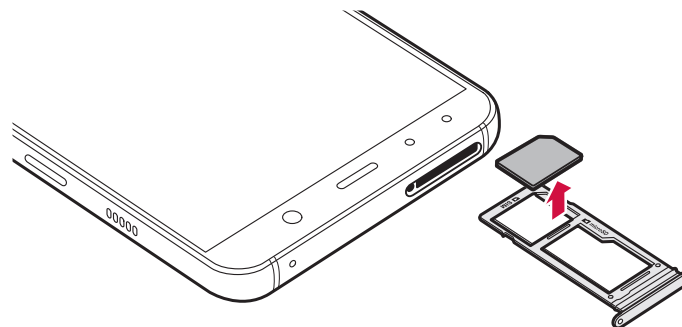
The docomo nano UIM card/microSD card tray will slightly eject.

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

- 2** Pull out the docomo nano UIM card/microSD card tray in a straight line

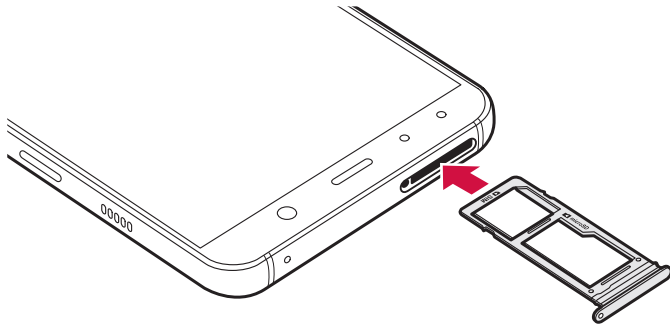


- 3** Remove the docomo nano UIM card/microSD card from the docomo nano UIM card/microSD card tray



4 Insert the docomo nano UIM card/microSD card tray into the terminal

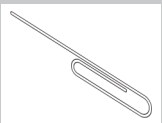
- Take care to insert the docomo nano UIM card/microSD memory tray in the correct direction. If the direction you insert the docomo nano UIM card/microSD card tray is incorrect, it may be damaged.



Information

- When handling docomo nano UIM card, take care not to touch or scratch the IC.
- Attaching or removing forcibly may damage the docomo nano UIM card.
- Be careful not to lose the removed docomo nano UIM card.
- If you lost the SIM ejector tool, you can use a paper clip instead.

Example of a paper clip



microSD card

You can attach microSD card (including microSDHC card and microSDXC card) to the terminal and use it.

- The terminal supports microSD cards of up to 2 GB, microSDHC cards of up to 32 GB and microSDXC cards of up to 512 GB (as of September, 2018). However, actual operations are not guaranteed for all microSD cards sold commercially.
For compatible microSD cards, contact each manufacturer of microSD card.
- The terminal supports up to Class 10 speed microSD cards, the UHS speed class is Class 3. Speed class is efficiency of microSD card, and all operations of the speed class efficiency are not guaranteed.
- microSDXC card can be used only with SDXC compatible devices. Do not insert microSDXC card into a device incompatible with SDXC. Doing so may damage data saved in the microSDXC card.
- To use microSDXC card with the data damaged again, formatting the microSDXC card with SDXC compatible device is needed (All data is erased).
- To copy data to/from SDXC incompatible device, use memory card compatible with the standard of device for copying to/from such as microSDHC card or microSD card.
- Data which is saved to a microSD card via other devices may not be displayed or played on the terminal. Also, data which is saved to a microSD card via the terminal may not be displayed or played on other devices.

Installing/Removing a microSD card

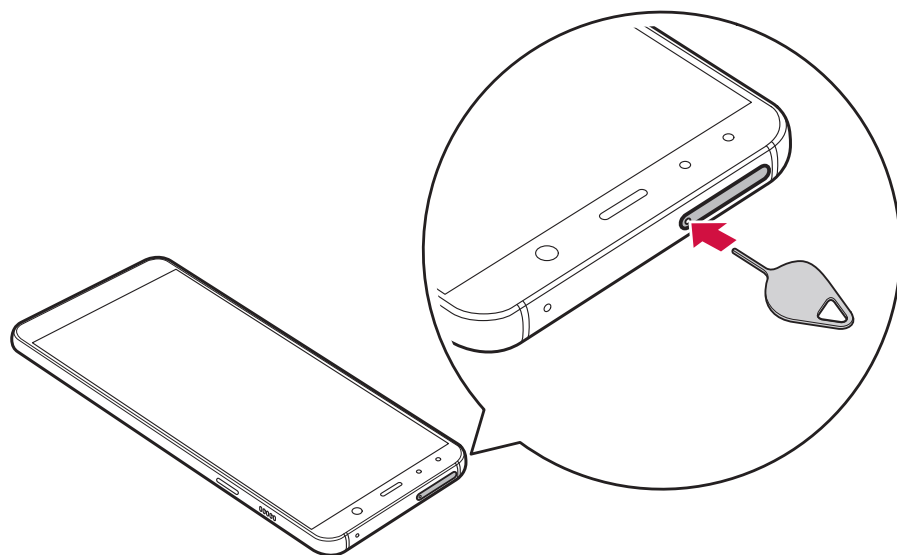
- The included SIM ejector tool (sample) is required to install/remove a microSD card.
- Turn off the terminal before installing/removing a microSD card.

Installing microSD card

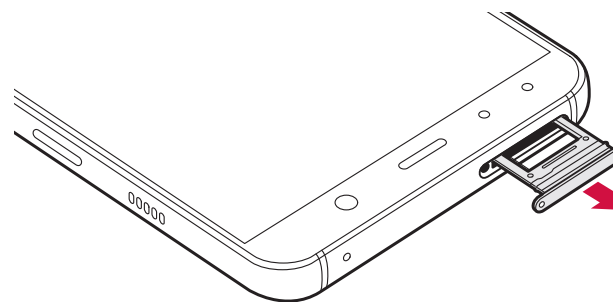
1 Insert the tip of the SIM ejector tool into the docomo nano UIM card/microSD card tray eject hole horizontally

The docomo nano UIM card/microSD card tray will slightly eject.

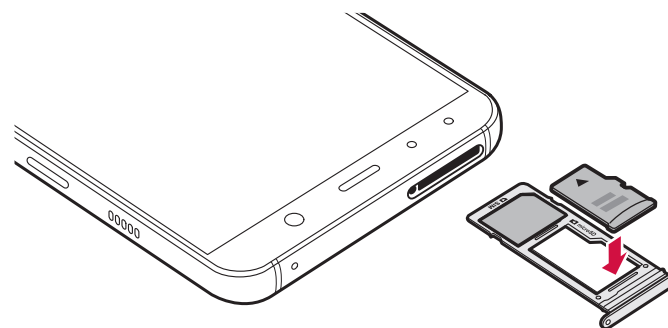
- Not inserting the tool in a straight line might result in damage or a fault.



2 Pull out the docomo nano UIM card/microSD card tray in a straight line

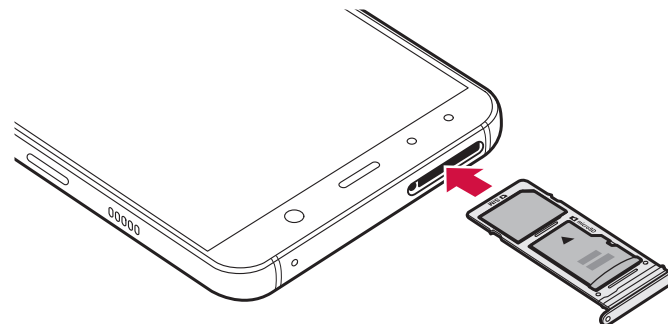


3 Place the IC (metallic) surface of the microSD card down on the docomo nano UIM card/microSD card tray



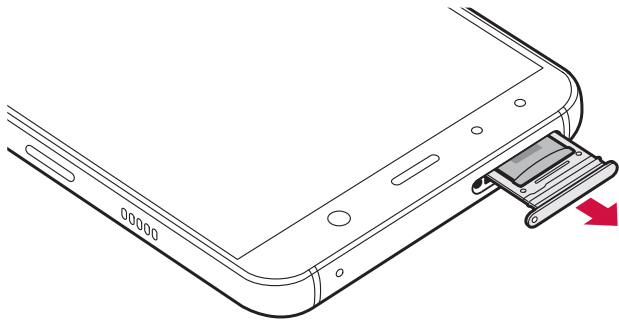
4 Insert the docomo nano UIM card/microSD card tray into the terminal

- Take care to insert the docomo nano UIM card/microSD memory tray in the correct direction. If the direction you insert the docomo nano UIM card/microSD card tray is incorrect, it may be damaged.

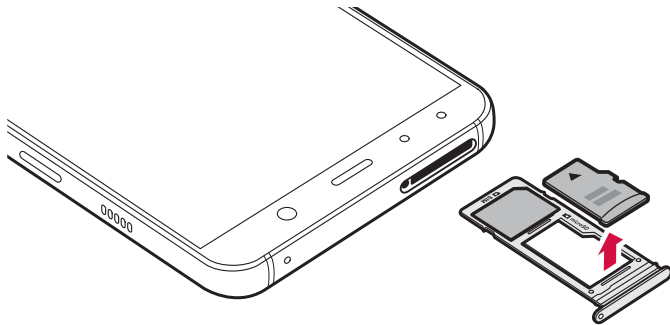


Removing microSD card

- 1** Insert the tip of the SIM ejector tool into the docomo nano UIM card/microSD card tray eject hole horizontally (P.24)
The docomo nano UIM card/microSD card tray will slightly eject.
 - Not inserting the tool in a straight line might result in damage or a fault.
- 2** Pull out the docomo nano UIM card/microSD card tray in a straight line

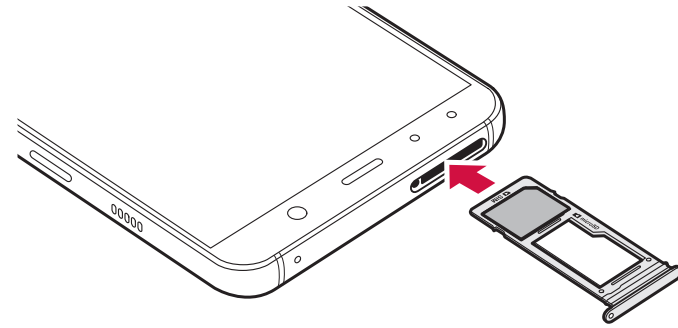


- 3** Remove the microSD card from the docomo nano UIM card/microSD card tray



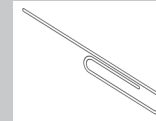
- 4** Insert the docomo nano UIM card/microSD card tray into the terminal

- Take care to insert the docomo nano UIM card/microSD memory tray in the correct direction. If the direction you insert the docomo nano UIM card/microSD card tray is incorrect, it may be damaged.



Information

- If you lost the SIM ejector tool, you can use a paper clip instead.
Example of a paper clip



Formatting microSD card

Note that formatting microSD card erases all data in the microSD card.

- 1** From the Home screen, "apps folder" → "Settings" → "Device maintenance"
- 2** "Storage" → ⋮ → "Storage settings"
- 3** "SD card" → "Format" → "FORMAT" → "DONE"

Charging

Internal battery life

- The internal battery is a consumable part. Each time it is charged, time available with each charging reduces.
- Watching 1 Seg, etc. while charging the battery for a long time may shorten the battery life.
- When the usage time becomes about half of a new battery, life of the internal battery is assumed to be over. We recommend that you replace the internal battery ahead of time.



Li-ion 00

Charging

- For details of AC Adapter 07 (sold separately), DC Adapter 05 (sold separately), see respective manuals.
- AC Adapter 07 is applicable to AC 100-240V.
- The AC adapter has a plug dedicated to AC 100V (for domestic use). When using the AC adapter in the range of AC 100V and 240V overseas, a conversion plug adapter applicable to the country you are staying in is required. Do not charge the battery using a transformer for overseas travel.
- When the terminal is turned ON, you can operate the terminal even while charging. However, in that case, charging takes longer time because of reducing charging volume.
- When inserting/removing the connector, make sure not to put excessive force.
- To check the latest charger compatible with the terminal (sold separately), refer to the DOCOMO online shop.
<https://www.mydocomo.com/onlineshop/options/index.html> (In Japanese only)

Do not charge for a long while (several days) with the power turned on.

- If the terminal is left for a long time with the power turned on while charging, the internal battery starts feeding the terminal when the charging is complete. For that reason, the actual battery time may shorten and battery alert may appear shortly. In such case, charge again in a proper way. When charging again, remove the terminal from the AC adapter or DC adapter and set again.

Estimate internal battery operating time

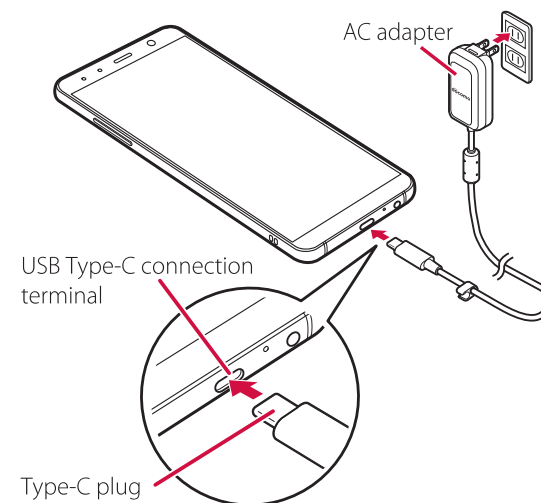
- The operation time provided by the internal battery varies by the operating environment, internal battery deterioration, etc. For estimate of operation time, see "Main specifications" (P.148)

Estimate internal battery charging time

- For estimate of charging time, see "Main specifications" (P.148)

Charging with AC adapter

Charging using AC Adapter 07 (sold separately) is explained here.



- 1** Insert the Type-C plug of AC adapter to the USB Type-C jack of the terminal
- 2** Turn up and insert the power plug of AC adapter to the outlet
- 3** When charging is completed, pull out the power plug of AC adapter from the outlet
- 4** Pull out the Type-C plug of AC adapter from the terminal horizontally

Charging with DC adapter

DC Adapter 05 (sold separately) is an adapter that provides power to charge from a vehicle's cigarette lighter socket (12/24V). To use DC Adapter 05, USB cable A to C 01 (sold separately) is required. For details, refer to the user manual of the DC adapter or USB cable A to C.

Charging with USB cable A to C

You can charge the terminal with a PC by connecting it to a PC using a USB cable A to C 01 (sold separately).

- For connecting to a PC, refer to "Connecting with USB cable A to C" (P.132).
- When you perform USB connection with a PC, pop-up screen may appear on the PC. If you just want to charge the terminal without synchronizing to the PC, select "キャンセル (Cancel)".
- Depending on the terminal condition, it may take time for charging, or may not be charged.

When the battery is almost exhausted

Notification tone sounds, a message prompting to charge appears and the display dims. When the battery is exhausted, the power of the terminal automatically turns off. Depending on the function or app, a message indicating low battery may appear when you try to activate them and they may not be activated.

Turning power ON/OFF

Turning power ON

- 1 Press  [Power/Screen lock key] for 2 seconds or longer
 - The starting screen appears, and then the lock screen appears.
 - When you turn the power on for the first time, make the initial settings following to the onscreen instructions (P.36).

2

■ Checking the radio wave condition

An icon indicating radio wave reception level appears on the status bar (P.38).

When  appears, you are out of LTE/FOMA service area or in a place where the radio wave cannot reach.

Turning power OFF

- 1 Press  [Power/Screen lock key] for 1 second or longer
- 2 "Power off" → "Power off"
 - The terminal vibrates and power turns off.

Setting/Canceling screen lock

You can set the screen lock to prevent the erroneous operation of the touch screen or keys.

- When the display is turned off with "Screen timeout" (P.109) set, the screen lock activates automatically after about 5 seconds.

Setting screen lock

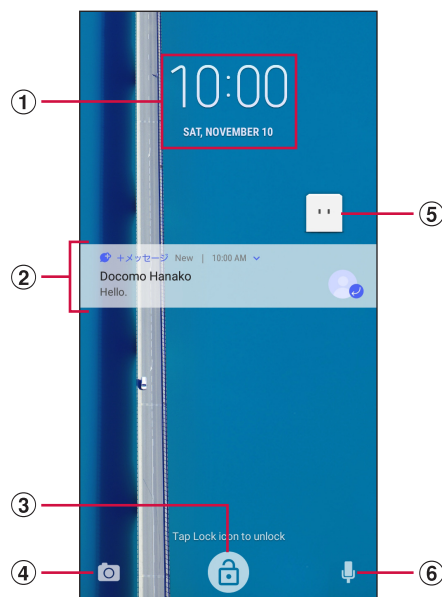
- 1 Press  [Power/Screen lock key]
 - The display turns off and the screen lock is set.

Canceling screen lock

- 1 During the screen lock, press  [Power/Screen lock key]
 - Lock screen appears.

2

Lock screen



Lock screen (example)

- ① **Clock widget**
 - ② **Notification information**
 - ③ **Lock canceling button***
 - ④ **Camera activating button**
 - ⑤ **Machi-chara (example: my daiz)**
 - Notify you of information such as mail reception or incoming call.
 - ⑥ **my daiz button***
 - Activate my daiz.
- * Appears only when the Home application is set to "docomo LIVE UX".

Information

- You can set to not display the notification information on the lock screen (P.113).
- You can change the unlock method of the screen lock (P.113).

Basic Operation

You can operate the terminal variously with touch screen and motions.

- Do not contact the touch screen with electric materials or metallic materials. The terminal might not operate well due to static electricity.
- The touch screen might not operate when you use the terminal while charging. In that case, remove the terminal from the charger.
- Do not cover the antenna section with your hand when operating the terminal while holding it.

Using touch screen

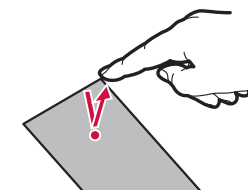
Notes on using the touch screen

- Touch screen is designed for being touched lightly with fingers. Do not push it forcibly with a finger or press it with sharp objects (a nail, ballpoint pen, pin etc.).
- The touch screen may not work in the following cases. Note that such operations may cause malfunction.
 - Operation with gloved hands
 - Operation with tip of fingernail
 - Operation with a foreign object on the display
 - Operation with protective sheet or seal on the display
 - Operation when the touch screen is wet
 - Operation with finger wet by sweat or water
 - Operation under water

You can operate the touch screen (display) of the terminal by directly touching with your finger. In this manual, main operations are described as follows.

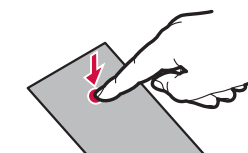
Tap/Double-tap

Touch a displayed item or icon lightly with your finger to select/perform (Tap).
Tap twice quickly on a displayed image or web page to zoom in/out the contents (Double-tap).



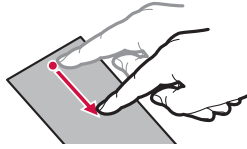
Touch and hold

Touch and hold a displayed content or item for 1 second or longer to display menu etc.



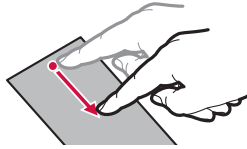
■ Drag

With touching with your finger, move a displayed item or icon.



■ Swipe

Lightly move your finger across the surface of the screen.



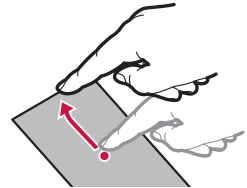
■ Scroll

With touching a displayed content with your finger, move it up/down/right/left or switch the views.



■ Flick

With touching the displayed content with your finger, quickly move it up/down/right/left and release it to scroll the content.



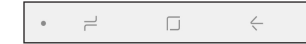
■ Pinch out/Pinch in

With touching a displayed image or web page with your two fingers, widen (pinch out) or narrow (pinch in) the distance to zoom in/out the content.



Using navigation bar

The icons are displayed on the navigation bar in the bottom of the screen to operate screens. The name and operation of each icon is as follows.



Navigation bar

	Show/hide button of the navigation bar Double-tap to show the navigation bar at all times/hide the navigation bar. Switch to  to show the navigation bar at all times. Switch to  to hide the navigation bar. To display it, flick from the bottom of screen up.
	History button Display a list of recently-used apps.
	Home button Display the Home screen. Touch and hold to activate Google Assistant.
	Back button Back to the previous screen Close the dialog box, options menu and Notification panel. You can end some apps.

Information

- To set whether to display the show/hide button of the navigation bar, or set background color or layout of the buttons of the navigation bar, from the Home screen, tap "apps folder" → "Settings" → "Display" → "Navigation bar".
- Although the navigation bar is set to show at all times, the navigation bar may be hidden on some app screens.
- To select an app to activate when  [Home button] is touched and held, from the Home screen, tap "apps folder" → "Settings" → "Advanced features" → "Device assistance app" → "Device assistance app".

Switching the orientation of the display automatically

Motion sensor which detects the terminal orientation (vertical/horizontal) and tilt can switch the screen view automatically.

1 Open the Notification panel (P.38)

2 

Information

- For the Home screen or some functions, orientation of the display may not automatically be switched.

Switching settings

Tap the toggle switches, or drag them, and tap checkboxes, to toggle the ON/OFF and enable/disable settings.

-  is ON, and  is OFF.
-  shows available, and  shows unavailable.

Saving display content as image

Save screen content as image (screen capture).

1 Display a screen you want to save as an image

2 Press  [Power/Screen lock key] and Volume DOWN key at the same time for 1 second or longer

Information

- Screen capture may not be available for some apps.
- Captured images are saved in the jpg format, and you can check them in "Gallery"/"Photos" app.
- Enable "Palm swipe to capture" (P.31) in advanced features so that screen capture is available by swiping the screen of the terminal from right to left or vice versa with the side of your hand.
- Enable "Smart capture" (P.31) in advanced features so that the menu is displayed after screen capture. Tap "Scroll capture" in displayed menu to keep capturing screen whose range can be viewed by scrolling as one image. Images captured with "Scroll capture" are saved in jpg format.

Enabling Emergency mode

Enabling Emergency mode changes the following settings to reduce battery consumption.

- Limit number of available apps.
- Turn Mobile data off when the screen turns OFF.
- Turn off connection functions such as Wi-Fi, Bluetooth function.
- Turn OFF Silent mode (Mute, Vibrate).

1 Press  [Power/Screen lock key] for 1 second or longer

2 "Emergency mode " → Confirm the note and mark the checkbox → "AGREE" → "TURN ON"

Information

- To disable Emergency mode,  → "Turn off Emergency mode" or Touch and hold  [Power/Screen lock key] for 1 second or longer to display a menu screen, then tap "Emergency mode".
- To enable Wi-Fi, Bluetooth function in Emergency mode, tap  → "Settings" → "Wi-Fi"/"Bluetooth" → .
- To turn Silent mode (Vibrate) ON during Emergency mode, touch and hold the Volume DOWN key until Silent mode is set.
- Enabling Emergency mode restricts part of functions. In addition, available functions for apps may be limited.
- Using 1Seg and a browser consumes much power even in Emergency mode.
- Disabling Emergency mode may hide some widgets on the Home screen and may need to rearrange them.
- The emergency call number (119) is registered in your main contacts.
- To delete an app on the Home screen,  → "Remove" → Tap the app you want to delete → "DONE". Some apps may not be removed.

Convenient features

Using Advanced features

Moving the terminal performs the following operations.

- This feature may not be available for some other apps.
- Before using the advanced features, from the Home screen, "apps folder" → "Settings" → "Advanced features" → Tap Advanced features to turn ON the advanced functions you want to use.

■ Smart stay

Set to not turn off screen display while looking at the screen.

■ Games

You can manage all games automatically with Game Launcher app by setting "Game Launcher" to ON.

■ One-handed mode

Set "One-handed mode" to ON and select "Gesture" in REDUCE SCREEN SIZE BY USING" so that you can reduce a screen by swiping from the lower right or lower left of the screen to upward obliquely. When you select "Button", you can reduce a screen size by quickly tapping  [Home button] 3 times.

■ Finger sensor gestures

Swipe the fingerprint sensor up/down to open/close the notification panel.

■ Quick launch Camera

Launch Camera by quickly pressing  [Power/Screen lock key] twice.

■ Device assistance app

Select default device assistance app or set whether to allow device assistance app to use each feature.

■ Multi window

Press and hold  [History button] to display an app in use in the split screen view (P.46) or in a pop-up.

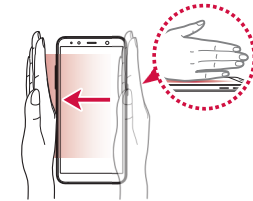
■ Smart capture

The menu ("Crop", "Share", etc.) is displayed after a screen is captured and you can use the features.



■ Palm swipe to capture

Swipe the screen from right to left or vice versa with the side of your hand to capture the displayed screen.



■ Smart alert

If you pick up the terminal when there are missed calls^{*1} or new SMS^{*2} and the screen turns off, the terminal vibrates to notify.

*1 Notify you when the default phone app is set to "Contacts" or "docomo phonebook".

*2 Notify you when the default messaging app is set to "Messages".



■ Swipe to call or send messages

Set whether to make call or create a message by swiping a contact or a phone number in "Dial" or "Contacts" provided by Galaxy.

■ Dual Messenger

Use the same app with each individual account.

Add another app icon in the Home screen.

Note that apps that Dual Messenger is available are only ones displayed in the dual messenger screen.

■ Send SOS messages

Set whether to send an SOS message to emergency contacts when pressing  [Power/Screen lock key] 3 consecutive times.

■ Direct share

Directly share contents with the specified other party from the share panel.

Information

- If excessive movement (shakiness, impact, etc.) is given to the terminal, Motion may not function correctly because of sensor characteristic.
- If you wear dark color glove or perform gesture operation out of the sensor recognition range, Gesture may not function correctly because of sensor characteristic.
- Smart alert may not work normally depending on the terminal settings.
- Methods of using multiple accounts in a same app with Dual Messenger vary by app.
- To delete second app which created with Dual messenger, on Dual Messenger screen, tap  of app you want to delete → "UNINSTALL". Note that if the primary (main) app is deleted, the second app is also deleted.

Using Bixby

Bixby app displays information from apps collectively. If you register your Galaxy account, it analyzes your terminal usage, etc. to display recommended information, etc.

- You can use this app when the Home application is set to "Galaxy home" (P.39).

1 On the Galaxy home, flick the screen right

- Bixby Home appears.

2 Swipe the screen up or down to view information

Information

- To use Bixby, signing in to Galaxy account is required.
- Information from Bixby is automatically updated on a regular basis. To update manually, swipe the screen down.
- You can make Bixby settings or set apps to be shown as cards on Bixby Home, from Bixby Home, tap  → "Settings".

Using Reminder

Create an event reminder to check the content later. You can check reminders at specified time or set place.

- To use Reminder, connect Wi-Fi or mobile network.
- To use Reminder, signing in to Galaxy account is required.
- To set notification related to places, enable GPS.

1 On the Galaxy home, flick the screen right

2 "GET STARTED" of "UPCOMING REMINDERS"

- The reminder screen appears.

3 "Write a reminder" → Enter a reminder

- Follow the onscreen instructions to set reminder.

4 "SAVE"

Information

- On Reminder screen,  → "Settings" to make settings of reminder.
- To delete a created reminder, tap a reminder →  → "Delete" → "DELETE".
- To hide a created reminder, tap a created reminder → "COMPLETE". To check completed reminders, on Reminder screen, tap  → "Completed".
- When you use reminder, an icon of the reminder appears on the apps screen. Tap the icon to activate the reminder.

Character entry

To enter characters, tap the character entry field to display the keyboard (Galaxy keyboard) for character entry, and then tap a key of the keyboard.

Information

- Use Google voice typing or Moji-Henshu to enter characters by voice sound.
- Depending on usage condition, the display or operation of each keyboard may differ or the dedicated keyboard for the app or function you use may appear.
- When you use the keyboard for the first time, a keyboard setting screen appears. Follow the on-screen instructions and then tap "START".

Switching keyboard types (input method)

- 1 While the keyboard is displayed,  on the navigation bar
- 2 Select a keyboard

Information

- To show/hide  on the navigation bar, from the Home screen, tap "apps folder" → "Settings" → "General management" → "Language and input" → "Show Keyboard button".

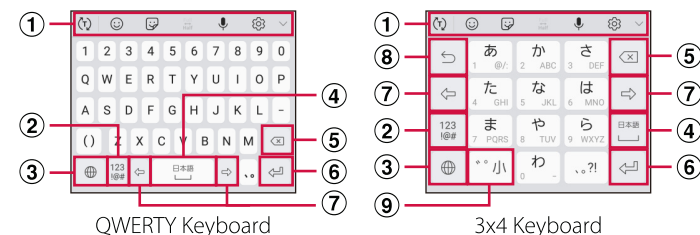
Selecting keyboard type

- 1 While the keyboard is displayed, 
- 2 "Languages and types" → Select a language
- 3 Selecting keyboard type

Entering with Galaxy keyboard

In Galaxy keyboard, you can use four types of keyboards: "QWERTY keyboard", "3x4 no flick keyboard", "3x4 flick keyboard", and "3x4 8Flick keyboard"

- QWERTY keyboard: it is a keyboard similar to the one of PC. Enter Japanese in Roman character.
- 3x4 no flick keyboard: it is a keyboard similar to a general mobile phone keyboard (for multi-tap method). Tap a key assigned character you want to enter several times until the target character is entered.
- 3x4 flick keyboard, 3x4 8Flick keyboard: It is a keyboard for entering characters by flick operation.



- ① Keyboard additional options appear.
 -  : Switch between predictive options/usual conversion options and display of keyboard additional options.
 -  : Display Emoji/Emoticons/Symbols list. Tap  to return to the keyboard display.
 -  : Input stamps. It is not available depending on app.
 -  : Switch half-width/full-width.
 -  : Switch to voice input.
 -  : Display Galaxy keyboard setting menu
 -  : Use clipboard.
 -  : Use One-handed keyboard.
 -  : Add a feature to the keyboard additional options or switch them.
- When a character is entered, predictive options/usual conversion options appear. Tap an option to enter text. Tap  to widen the display area of predictive options/usual conversion options. Tap  to return the previous display.
- ② Switch to Number/Symbol input mode.
 - When a character is entered by 3x4 keyboard,  appears and conversion candidate in alphanumeric/kana mode appears when it tapped. Tap it again to display predictive options/usual conversion options.
- ③ Switch input language.
- ④ Enter a space.
 - When a character is entered in Hiragana/kanji mode,  appears. Tap it to select a usual conversion option.
- ⑤ Delete characters or symbols to the left of the cursor.

- ⑥ Confirm entered characters.
 - When entered characters are already fixed, perform feature (entering linefeed/next/done/search/execute/move) of the entered text box.
- ⑦ Moves cursor left or right.
 - Tap ⇐ to enter a character assigned to the same key in a row on 3x4 Keyboard.
 - When "Wildcard Prediction" is set to ON, wildcard prediction can be used (P.34) by tapping ⇐.
- ⑧ Switch an unconfirmed character to the one in reverse order of when you tap the key (Does not switch when using flick input).
- ⑨ Put a voiced sound mark or the Japanese voiceless bilabial sound mark. Switch upper/lower case etc.

Information

- For Moji-Henshu, connection by mobile network is required. It may not be available via Wi-Fi connection.

Using Wildcard Prediction

Wildcard Prediction is a function to narrow down conversion options by entering numbers of the reading of word etc.

- It is available when "Predictive text" and "Wildcard prediction" are set to ON.

Example: Entering "東京都"

1 When the keyboard is displayed, enter "と" "う"

2 Tap ⇐ 4 times

- "とう○○○○" is displayed and "東京都" is displayed in the predictive conversion options.
- Tap ⇐ / ⇐ to change the numbers of reading.

3 "東京都"

Selecting/Copying/Cutting/Pasting text

1 While the keyboard is displayed, touch and hold entered character string

- ⇐ / ⇐, etc. appear. Drag ⇐ / ⇐, etc. to move the cursor.

2 Select icon to use

Item	Description
CUT	Cut out selected character string.
COPY	Copy the selected character string.
PASTE	Paste copied/cut character string.
SELECT ALL	Select all entered characters.
Others	Display clipboard, share, use dictionary, etc.

Information

- In horizontal view display, the display may be different.
- For some apps, the function may not be available or there may be unavailable functions. And display of icon may be different or items not shown in Step 2 may be displayed.
- Touch and hold an entry field in which any characters are not entered to display a menu so that you can use "PASTE", "CLIPBOARD", or "SELECT ALL" (For some apps, it may be unavailable).

Setting character entry/conversion function

Setting Galaxy keyboard

You can set entry operations when entering characters using Galaxy keyboard, register to the user dictionary, etc.

- 1 From the Home screen, "apps folder" → "Settings" → "General management" → "Language and input" → "On-screen keyboard" → "Galaxy keyboard"

- 2 Tap an item to set

Item	Description
Languages and types	Set input language and the keyboard type.
Numbers and symbols	Set keyboard of numbers and symbols.
Japanese input options	Set Toggle input, Word learning, Wildcard prediction, Voice input, etc.
Smart typing	Set Predictive text, Auto replace, Keyboard swipe controls, etc.
Keyboard layout and feedback	Set keyboard layout, or set whether to vibrate when key-tap, etc.
Reset to default settings	Reset keyboard settings or erase personal set data.
About Galaxy keyboard	Check version of Galaxy keyboard.

Checking information of Moji-Henshu

- 1 From the Home screen, "apps folder" → "Settings" → "General management" → "Language and input" → "On-screen keyboard" → "Moji-Henshu"

- 2 "アプリ情報 (App information)"
 - Check advanced information of Moji-Henshu.

Setting Google voice typing

Set the language, etc. for Google voice search.

- 1 From the Home screen, "apps folder" → "Settings" → "General management" → "Language and input" → "On-screen keyboard" → "Google voice typing"
- 2 Tap an item to set

Initial settings

When you turn the terminal ON for the first time after purchasing, follow the onscreen instructions to make settings for language, Google/Galaxy account, etc. and initial setting for docomo service. Operation steps may vary depending on connection to network, omitting the setting, etc.

1 ➡ of "Start"

- To change the language, tap "日本語 (Japanese)" → "English".
- To change accessibility, tap "ACCESSIBILITY".
- From here on, follow the on-screen instructions to set the following items.
 - Connect to Wi-Fi
 - Agree to the Terms and Conditions
 - Add Google account
 - Name
 - Protect your phone
 - Google services

2 When the initial settings screen for docomo service appears, tap of "Agree to above" → "NEXT"

- From here on, follow the on-screen instructions to set the following items.
 - d ACCOUNT
 - Set all docomo services

3 Set Galaxy account

4 Restore data

5 Change home

6 Check out useful features

7 "FINISH"

- "How to use the Home screen" appears. Tap "Next" → "Next" → "OK" to displays the Home screen.

Information

- Some functions can be changed after you have set them up.
- Before setting up online services, check that the terminal can transmit data (4G/3G/GSM) or that the terminal is connected to a Wi-Fi network.
- While you can use the terminal without setting up a Google account, Google services, such as Gmail and Google Play, cannot be used.

Notification LED

When the screen is OFF, the Notification LED notifies you of missed calls, status of charging/recording, etc. by lighting/flashing.

- You can set whether to operate the Notification LED in "LED indicator" (P.109).

Operation	Description
Light in red	Charging
Light in green	Charging complete
Flash in red	Low battery level
Flash in blue	Notification of missed call, new email, etc./recording with Voice Recorder

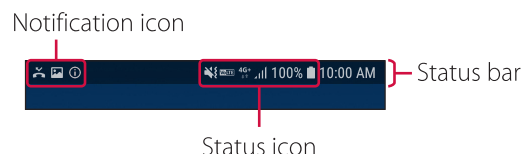
Information

- When there is a notification while charging, operation of notification takes precedence.
- Lighting/flashing of the Notification LED may differ depending on app.

Display and icons

Viewing icons

In the status bar at the top of the display, icons which indicate the terminal status or notification information are displayed. Notification icons appear on the left side of status bar, and status icons appear on the right side of status bar.



Main notification icons

- Some notification icons may be displayed with icons overlapped for indicating multiple notifications.

Notification icon		Page
	Dialing/receiving/calling	P.52
	Missed call exists	P.56
	New Gmail exists	P.72
	New Email exists	P.70
	New SMS exists	P.69
	Trouble in delivery of SMS	P.68
	New Area Mail exists	P.73
	Data downloading/download completed	-
	Data uploading/upload completed	-
	Messages in Voice Mail service exist	P.58
	Answering message On	P.57
	Recorded message in the answering message exists	P.57

Notification icon		Page
	Alarm exists	P.93
	Alarm of Calendar exists	P.94
	Playing/pausing music	-
	Error message exists	-
	USB tethering enabled	P.104
	Wi-Fi tethering ON	P.104
	Bluetooth tethering enabled	P.104
	Two or more tethering functions simultaneously enabled	P.104
	Installation of Galaxy Apps applications is complete/updates for installed app exists	P.85
	Setting/checking software update	P.147
	Updatable app exists in dmarket	P.84
	Updatable apps exist in Google Play	P.85
	Google Play apps are installed	P.85
	Hidden notification information exists	-
	VPN connected	P.105
	Image saved by screen capture exists	P.30
	Available Wi-Fi open network exists	P.101
	Available memory space of the terminal drops	-
	Viewing/recording 1Seg	P.88
	Omakase lock is set	-
	Notification of docomo Data Copy	P.97
	Location information function of docomo apps is enabled	P.122

Main status icons

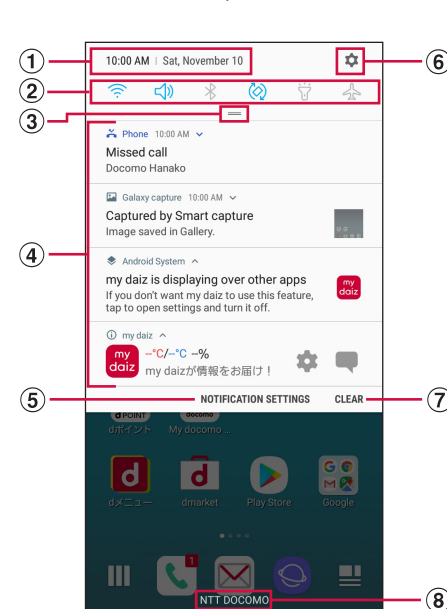
Status icon	Page
 (Weak ⇄ Strong)	Radio wave condition -
 (Weak ⇄ Strong)	Radio wave condition (roaming) -
	Out of service area -
	Airplane mode is set P.103
	4G (LTE) network available/communication in use*
	3G network available/communication in use -
	FOMA high-speed/HSDPA network available/communication in use -
	GPRS network available/communication in use -
	Wi-Fi network available/communication in use P.101
	Connected to network with no Internet access, or connect to a Wi-Fi network that requires user authentication and the user authentication is in an unestablished state The Internet cannot be connected to P.101
	Bluetooth function enabled P.130
	Connected to Bluetooth device P.130
	In Silent mode (Vibrate) P.107
	In Silent mode (Mute) P.107
	Alarm set P.93
	VoLTE network usable -
 (Low ⇄ High)	Battery level -

Status icon	Page
	Charging P.26
	Wi-Fi Direct connected P.102
	NFC/Osaifu-Keitai lock is set on the terminal and docomo nano UIM card P.87
	NFC/Osaifu-Keitai lock is set on the terminal or docomo nano UIM card P.87

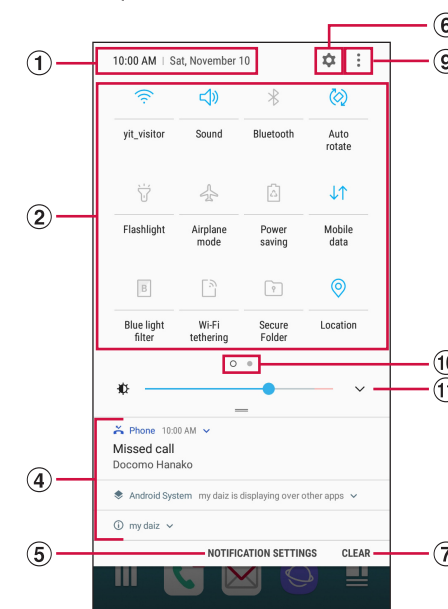
* "4G+" appears on the screen when the terminal is connected to LTE.

Notification panel

Scroll/flick the status bar downward to display the Notification panel. You can check the notification information or tap the icons to set functions. Scroll and flick upward to close the Notification panel.



Contents on Notification panel



Contents on Notification panel (Unfolding)

- ① Display current date and time.
 - ② You can switch ON/OFF of each function such as Wi-Fi, Bluetooth, Flashlight, Dolby Atmos, etc. using the Quick settings buttons. Scroll down the bar (③) on the center of the notification panel to display hidden icons. Touch and hold to display setting screen for each function.
 - ③ Scroll down to display a list of quick setting buttons.
 - ④ Information in progress or notifications* is displayed. Check information or tap to activate an app.
 - ⑤ Select apps to receive the notification.
 - ⑥ Tap to display the setting menu (P.100).
 - ⑦ Tap to delete notification information and notification icon on the status bar.
 - Some notification information may not be deleted depending on type.
 - ⑧ Display the connecting network operator name.
 - ⑨ You can change the order or layout of the quick setting buttons.
 - ⑩ Indicate the page number of the list of the quick setting buttons and which screen you are in.
 - ⑪ Adjust the display brightness (P.109).
- * Some notifications will not be displayed on the notifications panel on the Lock screen (when the terminal is locked by "Pattern", "PIN", "Password", "Face unlock" or "Fingerprint unlock") and you will not be notified about them.

Information

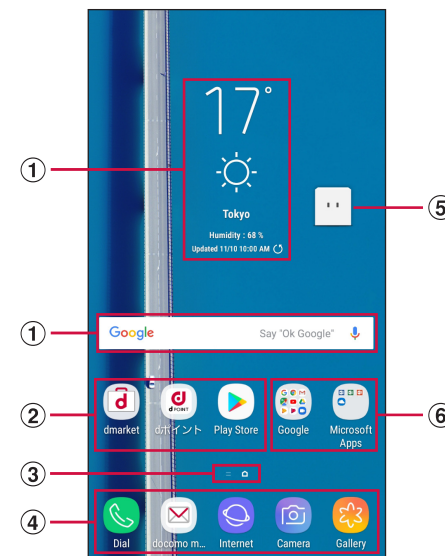
- Quick setting buttons are displayed in blue when the functions are enabled.

Home screen

"docomo LIVE UX" and "Galaxy home" can be set as the screen (Home screen) displayed by pressing  [Home button].

- For information on "docomo LIVE UX", refer to P.47.
- For Switching the Home application, refer to P.46.

Galaxy home



Contents on Home screen (example)

- ① **Widgets (e.g. Weather, Google Search)**
 - Activate or operate widget (app located on the home screen).
- ② **Shortcut**
 - Activate app, etc.
- ③ **The current position of the Home screen**
- ④ **Dock**
 - These icons are displayed on any home screen page.
 - Shortcuts, folders, etc. can also be located.
- ⑤ **Machi-chara (e.g. my daiz)**
 - Notify you of information such as mail reception or incoming call.
- ⑥ **Folder**
 - Contain several shortcuts into a folder.

Information

- From the Home screen, flick the screen up or down to display the Apps screen (P.41).
- From the Home screen, flick the screen right to activate "Bixby" (P.32).
- You can set whether to show/hide apps button on the Home screen, by touching and holding the screen on the Home screen → "Home screen settings".

Adding shortcuts or widgets

- 1** From the Home screen, touch and hold a wallpaper in which shortcuts or widgets are not displayed
 - To add a shortcut of app, from the Home screen, flick up or down the screen and then proceed to Step 3.
- 2** "Widgets"
- 3** Touch and hold an item you want to add to the Home screen → Drag to the position you want to move to and release it

Creating a folder

- 1** From the Home screen, touch and hold a shortcut → Drag it to another shortcut
- 2** Enter folder name → "Done"

Changing wallpaper

- 1** From the Home screen, touch and hold a wallpaper in which shortcuts or widgets are not displayed
- 2** "Wallpapers"
- 3** Select a wallpaper → Select a screen to change from "Home screen"/"Lock screen"/"Home and lock screens" → "SET AS WALLPAPER"
 - To select an image other than wallpaper, tap  → Select the screen from "Home screen"/"Lock screen"/"Home and lock screens" → Tap "SET AS WALLPAPER".

Changing theme

- 1** From the Home screen, touch and hold a wallpaper in which shortcuts or widgets are not displayed
- 2** "Themes"
- 3** Select a theme → "APPLY"

Information

- To delete a shortcut, widget, or folder, touch and hold a shortcut, widget or folder → Tap "Remove from Home"/"Remove from Home screen"/"Delete folder".
- For widgets, wallpapers, themes connecting to network, packet communication charge or charge may be applied.

Apps screen

Apps screen when the Home screen is set to "Galaxy home" is described.

1 From the Home screen, flick the screen up or down

- Apps screen appears.



Contents on Apps screen (example)

- ① **Search**
 - Enter the character to search apps.
 - Tap to search by voice.
- ② **Folder**
 - Multiple apps are stored.
- ③ **Apps**
- ④ **Show which app screen you are in.**
 - When an apps screen has multiple pages, you can toggle the apps screen by scrolling/flicking left and right.
- ⑤ **Menu**
 - You can reorder the apps and change settings of the Home screen or the apps screen.
- ⑥ **Machi-chara (example: my daiz)**
 - Notify you of information such as mail reception or incoming call.

Apps list

Some apps require subscriptions (charged) to use.

- You can check the functions and operation steps from Help for some apps.

Icon	Apps	Description
	docomo mail	Send/receive mails using DOCOMO mail address (@docomo.ne.jp). If a d ACCOUNT is used, use the same mail address on several devices such as tablets and computer browsers to send and receive, and read mail. → P.65
	Phone	Use phone or make settings of phone. → P.52
	docomo phonebook	A phonebook app is provided by DOCOMO. It enables you to manage phonebook data of docomo's account in the cloud. → P.62
	Schedule	An app for creating/managing events and the data is shared with Memo app.
	Memo	An app for creating/managing memos and the data is shared with Schedule app.
	Hanashite Hon'yaku	Interactive translation app which converts words and sentences from a language to another. You can enjoy conversation with people who speak different languages.
	マネレコ (Manereco)	A household account book app for checking the balance of the bank account and credit card statement, etc. all at once.
	My Magazine	My Magazine is a search service for displaying articles for categories you selected. → P.51
	おすすめアプリ (Osusume Apps)	Display recommended apps. → P.49
	dphoto	A service with which you can back up photos or videos to cloud up to 5 GB for free and access them from smartphone, tablet, PC, etc. Also, you can use a service to create photo books from photos in the cloud or the terminal (separate subscription to charged service is required).

Icon	Apps	Description
	my daiz	A service with which you can search information readily just by speak to the terminal or receive necessary information at an optimum timing. In addition to weather forecast or transfer route search, you can add useful tie-up services such as a recipe search, home delivery, etc.
	My docomo アプリ (My docomo app)	You can check your data usage or usage fee, or establish various procedures or applications online.
	d Healthcare	This is a health app that tracks your steps, manages your weight, and so on. When you achieve various health goals, you can receive d points and coupons.
	Voice Recorder*	Record voice sound. → P.96
	Email*	Set Email account to send/receive emails. → P.70
	Messages	Send/receive SMS. → P.68
	My Files	View/manage data such as still images, videos, music, etc. → P.128
	Internet	Web browser app. → P.75
	S Health*	Improve health-care using body scale and a heart rate meter. → P.99
	S Voice	Operate each terminal function by voice input. → P.99
	Galaxy Apps	Download apps or update installed apps. → P.85
	Galaxy Members*	Obtain necessary answers related to Galaxy products and make use of events, user community, diagnosis and customer service.
	TV	Watch 1Seg, etc. → P.88
	Dictionary	Use dictionaries to search for words and phrases. → P.98
	Google	Search various information by the quick search box.

Icon	Apps	Description
	Chrome	Web browser app by Google.
	Gmail	You can send/receive emails using Gmail. → P.72
	Maps	Check current location or search a destination with Google Maps. → P.93
	YouTube	Play/post videos. → P.98
	Drive*	Save images or videos to Google Drive or share them.
	Play Movies & TV*	Purchase videos from Google Play.
	Duo*	Make a video call by Google Duo.
	Photos*	View pictures and movies. You can also sync with Google Photos to backup images and share them with others.
	Word	Microsoft Word app for Android.
	Excel	Microsoft Excel app for Android.
	PowerPoint	Microsoft PowerPoint app for Android.
	OneDrive	Microsoft OneDrive app. Use for online storage.
	Facebook	Facebook is a social networking service that makes it easy for you to connect and share with your friends, family, colleagues and classmates online, and find out what is happening in the world.
	Messenger	You can use it to send messages and make a voice/video call to your contacts in your mobile phone and Facebook friends.
	Instagram	An app that you can use to edit images and videos shot on the terminal, and easily share with your family, friends, and people around the world.
	Twitter	Official Twitter client app. Publish short message on the site to communicate with others.

Icon	Apps	Description
	Data Copy	An app to transfer data for model upgrades or backup/restore data to "microSD card" or "データ保管BOX (Data saving BOX)". → P.97
	データ保管BOX (Data saving BOX)	An app to use データ保管BOX (Data saving BOX). Data saving BOX is a service which allows you to upload files to easily manage them in the cloud.
	Disaster kit	An app for using Disaster Message Board, Disaster Voice Messaging Service and Early Warning "Area Mail". → P.73
	遠隔サポート (Remote support)	An app to use "Anshin Enkaku Support". Anshin Enkaku Support is a service in which Call Center staff helps your operation checking your terminal's screens remotely. → P.145
	Anshin Scan	Ensure your smartphone by checking virus, apps which require your personal data, by alerting when you attempt to access a nonsecure website, etc.
	Instruction Manual	The instruction manual for the terminal. You can activate desired functions from instructions.
	Amazon Shopping	An official application of Amazon which allows you to conveniently shop with good prices in Amazon online.
	Amazon Kindle	An e-books reader application for reading books purchased on Amazon
	マクドナルド (McDonald)	This is McDonald's official app. You can search nearby McDonald's store using store search or get coupons and the latest information. If you login with d ACCOUNT, etc. you can store the point by one-touch and use it.
	ローソン (LAWSON)	This is Lawson's official app. You can display digital membership using your mobile phone as a member's card, search shops, and find valuable exchange coupons.
	iD アプリ (iD app)	An app to use electronic money "iD" provided by DOCOMO. You can enjoy shopping simply and conveniently only by holding Osaifu-Keitai set with "iD" over the IC card reader in stores. → P.88

Icon	Apps	Description
	d払い(d payment)	This app is for using the smartphone payment service provided by docomo called "d payment". By just showing the barcode displayed in the app, shopping is easy, convenient, and you can get reasonable prices at participating stores.
	Osaifu-Keitai	It allows you to pay money only by holding the terminal over an IC card reader in stores, etc. → P.86
	Play Store	Download apps from Google Play. → P.85
	Dial	Make/receive calls using the terminal's "Dial" app provided by Galaxy.
	+メッセージ (+Message)	A messaging app with which allows you to send/receive text message to/from a mobile phone number as a recipient. You can also send images, videos, stamps, etc. other than texts. → P.65
	Camera	Shoot still images/videos. → P.78
	Gallery	View/organize still images/videos. → P.82
	Clock	Use Alarm, World Clock, etc. → P.93
	Contacts	Manage contacts using the terminal's "Contacts" app provided by Galaxy.
	Settings	Make the terminal settings. → P.100
	Calendar	Manage schedule. → P.94
	Calculator*	Perform various calculations with calculator. → P.96
	Play Music*	Discover, listen to, and share music on your device. Upload your own music collections to the cloud and listen to them later.
	Galaxy Notes*	Create note using software keyboard or handwritten input. → P.95
	dメニュー (dmenu)	This is a shortcut app to the "dmenu". In dmenu, you can easily access sites recommended by DOCOMO or convenient apps. → P.84

Icon	Apps	Description
	dmarket	Various services including selling digital contents such as music, videos, books, shopping sites, travel reservation sites, etc. are provided. → P.84
	dポイント (d POINT)	d POINT is an app with which you can "Confirm", "Save" and "Spend".
	Secure Folder	Protect private files and apps securely.

* If you perform "Factory data reset", these apps will be uninstalled. When downloading them again, you may need a Wi-Fi connection.

Information

- These apps are preinstalled ones when you purchased the terminal. Some preinstalled apps can be uninstalled. Even if you uninstall such apps, downloading again may be available at "Play Store" (P.85), etc.
- When an app has notification information, number (number of notifications) may be displayed on the icon.

Adding shortcuts to the Home screen

- 1 From the Apps screen, touch and hold an app to add to the Home screen
- 2 When the Home screen is displayed, drag to the position you want to add to and release it

Sorting apps

- 1 Touch and hold an app you want to move
- 2 Drag to the position you want to move to and release it

Uninstalling/Disabling apps

- 1 Tap an app you want to uninstall/disable
- 2 "Uninstall"/"Disable"
- 3 "OK"/"DISABLE"

Information

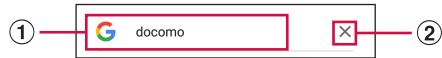
- To enable disabled apps, from the Home screen → "Settings" → "Apps" → "All apps" → "Disabled" → Tap apps you want to enable → "ENABLE".

Using Quick search box

You can search information including entered word in the terminal or on the Internet.

1 From the Home screen, tap Google Search widget

- The quick search box appears.
- When you enter characters in the quick search box, information and search suggestions in the terminal including the entered characters appear below the quick search box.
- If Google information screen appears, follow the onscreen instructions.



Quick search box

- ① An entered character appears.
- ② All entered characters are deleted.
Tap  before entering character, you can enter words you want to search by voice sound (only for web search).

Information

- Alternatively, from the Home screen, tap "Google" → "Google" to activate Quick search.

Recently-used apps

1 [History button]

- Tap a thumbnail of app to activate the app.
- Tap "CLOSE ALL" to remove the list.
- Scroll/flick thumbnail left or right to delete it from the list.
- Tap  to activate split screen view (P.46).
- Some apps can be activated in pop-up view. Touch and hold an app → Drag it to "Drop here for pop-up view".
- If the "Pin windows" (P.114) is set to ON,  appears in the thumbnail of app which has been displayed just before.

Pinning apps to the screens

Pins apps to the screens so that other apps cannot be used.

- The "Pin windows" (P.114) needs to be set to ON in advance.

1 Activate the app to pin

2 [History button]

3 of a thumbnail of app

4 "OK"

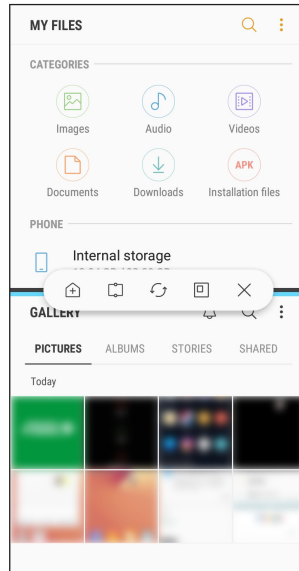
Information

- To release app pinning, simultaneously press and hold  [History button] and .

Using Split screen view

You can display two windows or a pop-up window on the screen to use different apps at the same time.

- App to display need to be activated in advance.
- * Some apps may not support split screen view.



Split screen view example

- 1** [History button]
 - Display a thumbnail of app.
- 2** Tap of the thumbnail of app
 - The screen is divided into two sections, top and bottom, and the app will be displayed on the top part of the screen.
- 3** Tap of app's thumbnail bottom of the screen
 - App is displayed bottom of the screen.
 - You can also tap "APP LIST" to select apps displayed at the bottom of the screen.
 - Tap → "Settings" to activate split screen view.

Information

- When the display is landscape, the screen is divided into two sections, right and left.
- Drag on the dividing line displayed in the center of the screen up or down (left or right when the screen is horizontal) to change the window size for each app. The selected app is displayed in blue.
- Tap on the dividing line displayed in the center of the screen to display a toolbar.
 - Tap to create a shortcut of the split screen view on the Home screen of the two displayed apps that you paired (If you are using "Galaxy home" on the Home screen, the shortcut is displayed.).
 - Tap to select the display range for the selected app and pin it to the top of the screen. This icon is displayed when the screen is portrait.
 - Tap to unpin the top of the screen. This icon is displayed when the app is pinned to the top of the screen.
 - Tap to switch the top and bottom screens (left and right when the screen is horizontal).
 - Tap to display the selected app as a pop-up.
 - Tap to end split screen view.

Switching home apps

Change the Home screen displayed by pressing [Home button].

- 1** From the Home screen, "apps folder" → "Settings" → "Apps" → → Default apps → "Home screen"
- 2** "docomo LIVE UX"/"Galaxy home"
- 3** "OK"

docomo LIVE UX

It is a home application which allows you to customize the Home screen instinctively and use a new search service "My Magazine" which displays public trends or various information according to customer's preferences in magazine format.

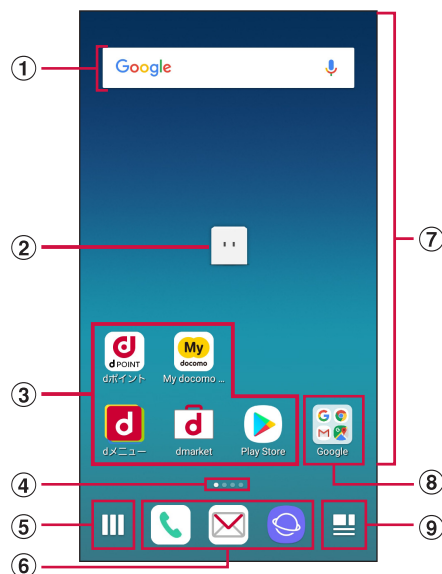
For details on docomo LIVE UX, from the Home screen, ☰ → ⋮ → See "Help", or refer to the following website.

https://www.nttdocomo.co.jp/service/live_ux/index.html (In Japanese only)

Home screen

From the Home screen, you can activate apps or use widgets.
All apps can be added to the Home screen.

- Click the Home screen left or right to switch the pages.
- When you received a notification from apps, a dot or number may appear on the upper right of the icon or the folder.



① Widgets

- Activate widget (Google Search).
- Touch and hold it to display the shortcut menu and you can perform specific operation.

② Machi-chara (example: my daiz)

- Notify you of information such as mail reception or incoming call.

③ App icon

- Tap to activate apps.
- Touch and hold it to display the shortcut menu and you can perform specific operation or check the app information. When = appears, touch and hold it and drag to anywhere to add a specific operation shortcut to the Home screen.

④ Indicator

- Indicates the Home screen page count and current displayed location.

⑤ Function button

- Display the screen where you can search app, use recommended app (P.49), change wallpaper & Kisekae, or sort home screens, etc.

⑥ Dock

- These icons are displayed on any Home screen page.

⑦ Customize area

- Locate apps, widgets, folders, etc.

⑧ Folder

- Multiple app icons, etc. are stored.

⑨ My Magazine button

- Open My Magazine.

Managing Home screen

Moving apps, etc.

- 1 From the Home screen, touch and hold an app icon, widget, etc. you want to move
- 2 Drag it to any position you want to move to, or tap "Move" in a displayed balloon and then drag it
 - To move to the next page, drag it to the end of the home screen.

Deleting a widget

- 1 From the Home screen, touch and hold a widget you want to delete
- 2 "Remove from Home"
 - A folder that contains apps cannot be removed.

Uninstalling apps

- 1 From the Home screen, touch and hold an app icon you want to uninstall
 - To uninstall an app which is stored in a folder, tap the folder and then touch and hold the app you want to uninstall.
- 2 "Uninstall" → "OK"
 - For apps that cannot be uninstalled, "Uninstall" does not appear.
 - When "Disable app" appears, you can disable the app (P.112).

Renaming a folder

- 1 From the Home screen, select a folder
- 2 Tap a folder name
- 3 Enter folder name
 - Tap "Done" on the keyboard.

Setting the Home screen

- 1 Touch and hold the Home screen in which icons, etc. are not displayed
- 2 Select an item

Item	Description
Create folder	Add a folder.
Wallpaper and Kisekae	Change wallpaper or Kisekae
Create widgets	Display the widget list. To add a widget to the Home screen, touch and hold the Home screen in which you add widget → "Create widget" → Tap a widget you want to add. • If there is no available space, it will be added to empty space.
Home screens	Display a list of home screens → P.49
Home setting	Back up or restore layout of the Home screen, or set Machi-chara or My Magazine.

Changing wallpaper

- 1 Touch and hold the Home screen in which icons, etc. are not displayed → "Wallpaper and Kisekae"
 - Alternatively, from the Home screen,  → "Wallpaper & Kisekae".
- 2 Tap an image you want to apply as wallpaper
 - To select a wallpaper from the other app, tap  at the upper right.
- 3 Follow the onscreen instruction to set the wallpaper

Changing Kisekae

- 1 Touch and hold the Home screen in which icons, etc. are not displayed → "Wallpaper and Kisekae" → "Kisekae"
 - Alternatively, from the Home screen,  → "Wallpaper & Kisekae".
- 2 Select Kisekae → "OK"

Showing Machi-chara

- 1 Touch and hold the Home screen in which icons, etc. are not displayed → "Home screens" → "Machi-chara setting"
- 2  /  of "キャラ表示 (Chara display)"

Managing pages

- 1 Touch and hold the Home screen in which icons, etc. are not displayed → "Home screens"
 - Alternatively, from the Home screen,  → "Home screens".
- 2 
 - You can add pages of the Home screen.
 - To delete a page of the Home screen, tap  of thumbnails you want to delete.
 - You cannot delete a page where includes apps.
 - To reorder pages, touch and hold a thumbnail of page you want to reorder → Drag it anywhere.

Information

- Alternatively, pinch-in on the Home screen to display the list of home screens.
- You can add pages up to 32.

Using Osusume Apps

It is a service which recommends applications according to your usage condition.

- 1 From the Home screen, 
- 2 "Recommends"
 - When it is activated for the first time, a use confirmation screen appears. Tap "ENABLE" to open the explanation screen. On the explanation screen, tap  / "おすすめアプリ一覧へ (Go to Osusume Apps)" to display a apps list and the notification setting of Osusume Apps is set to ON.
- 3 Select an app
 - An introduction screen of the app appears.

Information

- You can switch the setting to ON/OFF by tapping  on the Apps screen → Tap  / .

Searching apps

It is a function which allows you to search an app in a list sorted by used or installed order, or by an app name.

- 1 From the Home screen, 
- 2 
- 3 "Search app" → Enter a app name
 - Tap "By most recently used"/"By installation date"/"By app name" to view all apps in order.
- 4 Select an app
 - The app activates.
 - Tap  to display the Home screen with the selected app which is highlighted.

Backing up and restoring the Home screen

You can restore the Home screen layout such as apps and widgets using docomo LIVE UX data backed up in docomo cloud. At this time, the docomo service page will be added to the end of your Home screen.

- To use the backup and restore features, you need to set up your d ACCOUNT (P.122).

Backing up home screen

- 1 Touch and hold the Home screen in which icons, etc. are not displayed → "Home setting"
- 2 "Layout backup & Restore"
- 3  → "BACKUP"

Restoring the Home screen

- 1 Touch and hold the Home screen in which icons, etc. are not displayed → "Home setting"
- 2 "Layout backup & Restore"
- 3 "Restore the latest backup data"/"Restore from backup data list"
- 4 "RESTORE"
 - If you selected "Restore from backup data list", select the data you want to restore → "Restore" → "RESTORE".

My Magazine

My Magazine is a search service for displaying articles for categories you selected. By your tendency of read articles or profile information, the more you use, the more it comes close to your preference. Also, you can set to enable notifications of notice, or customizing of My Magazine using your docomo service subscription information etc.

Viewing articles

- 1 From the Home screen, 
 - When a screen for selecting category appears, select categories and then tap "OK".
 - A list of articles by category appears.
 - Flick left or right to switch category.
- 2 Tap an article you want to read
 - Tap  to change the setting of My Magazine and check Help.

Display category setting

- 1 From the Home screen, 
- 2  → "Display category setting"
 - Marked categories will be displayed on My Magazine.
 - Tap  at the upper right to rearrange the categories.

Home screen information

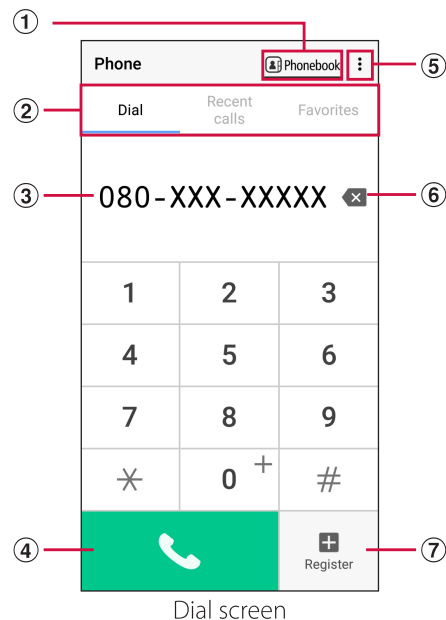
You can check the docomo LIVE UX version information etc.

- 1 From the Home screen,  → 
- 2 "About"
 - If there is docomo LIVE UX update, "Update now" appears on the app information screen. Then tap it to update docomo LIVE UX.

Calling

Making a call

- 1 From the Home screen,  → "Dial"
- 2 Enter a phone number of the other party
 - Enter a city code even when the other party is in the same city.



- ① **Phonebook**
Start "docomo phonebook" app.
- ② **Dial:** Dial screen appears.
Recent calls: Recent calls screen appears (P.56).
Favorites: Contact list added to Favorites appears (P.63).
- ③ **Phone number entry field**
Entered phone number is displayed.
- ④ **Call key**
Call to the entered phone number.
- ⑤ **Menu**
Display menu.

- ⑥ **Delete key**
Delete a number at the far right or a number to the left of the cursor. To delete all entered numbers, touch and hold the key.
- ⑦ **Key for registering to phonebook**
Register entered phone numbers to phonebook.

- 3 
 - To make a video call,  → "Video call".
- 4 When the call ends, 

Information

- To show/hide the caller ID per call, enter prefix "186" (notify) / "184"(not notify) before the phone number. You can set to show/hide in "Caller ID notification" (P.58) in advance.
- Use "Add 2-sec pause" or "Add wait" to dial phone number and additional code in a row when sending an additional code during a call is required for bank balance inquiries, ticket reservation services, etc.
 - On the dial screen, enter the phone number →  → "Add 2-sec pause", enter the desired phone number, and tap → , the call is connected and the touch-tone signals (numbers) are automatically sent after about 2 seconds.
 - On the dial screen, enter the phone number →  → "Add wait" → enter the desired phone number, and tap , the call is connected and the touch-tone signals (numbers) are sent when you have tapped "YES".
- You can make calls and video calls in high quality with VoLTE. To use VoLTE, you and the other party both need to meet the following conditions.
 - The device supports VoLTE.
 - Both parties are in a VoLTE service area
 - "Network mode" of "Mobile networks" (P.135) is set to "4G/3G/GSM (auto connect)" and "Call mode" is set to ON when available
 - * From the Home screen, "apps folder" → "Settings" → "Connections" → "Mobile networks" → "Call mode"
- You can see each other's images while talking by video call. You can also switch to voice call.
 - When making video calls, there is a call charge and packet communication charge. In addition, there is also a packet communication charge for incoming video calls.
 - Since it is a best effort communication (the optimum communication speed changes depending on the network traffic), the image quality differs depending on the network environment.
 - When you could not switch to video call from voice call, a notification will appear on the display indicating that the switching to video call failed, and voice call will continue.
 - Since imaging for video call varies by terminal model, your terminal and the other party's terminal may show different image in scope.
- Alternatively, from the Home screen, "apps folder" → Tap "Dial" to activate "Dial" app provided by Galaxy and then tap  to make a call. However, available functions etc. differ from those of "Phone" app provided by DOCOMO.

Emergency call

Emergency call	Phone number
Police call	110
Fire and emergency rescue	119
Marine emergency	118

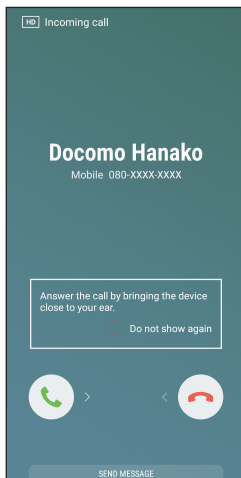
Information

- The terminal supports "Emergency report location notification". When calling to 110, 119, or 118, the information of where you are calling from is automatically informed to the police or other agencies. Due to the location where you call or the signal status, the location information may not be informed correctly. If the location information is informed, the agency's name is displayed on the Home screen. Also, if you call with "184" attached or other non-notification functions, the location information and telephone number will not be informed. However, if the agency consider it is necessary to know those information due to lifesaving, the agency may retrieve exact location information by GPS and your phone number regardless of your current settings. Besides, the introduced region or period of "Emergency report location notification" varies from each agencies.
- When you call the Police (110), Fire/Ambulance (119), or Maritime rescue (118) from the terminal, clearly indicate that you are calling from a mobile phone, then give your present location and mobile phone number. To make sure that you are not cut off during the call, do not move during the call and do not turn OFF the phone after the call, but keep it ON for about 10 minutes.
- Depending on the area you are calling from, you are not connected to the local police or fire department.
- In Japan, when docomo nano UIM card is not inserted to the terminal, the emergency numbers of 110, 119 or 118 are not available on the PIN code entry screen or during PIN code lock/PUK lock.
- If you make an emergency call 110, 119, 118 with "Block numbers" (P.60) is set, call blocking setting will be disabled.
- Emergency call may not be available via some networks.
- You can not make emergency calls by video calls.

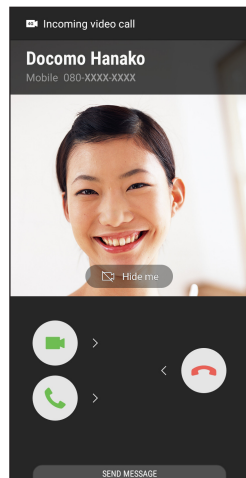
Receiving a call

1 A call is received

- A reception screen appears.



Incoming call screen
(voice call)



Incoming call screen
(video call)

2 Drag / to outside of the circle

- A call starts.

To decline a call

Drag  to outside of the circle

To decline a call and inform the caller of the reason of the decline by SMS

Drag "SEND MESSAGE" at the bottom of the screen upward and tap a decline message.

- You can change the reason of decline. (P.60).
- If "Add reminder" is ON, a call is automatically registered to reminder (P.32) when you reject.

To answer with "Recorded message"

Drag "SEND MESSAGE" at the bottom of the screen upward and tap "Answering message".

- You can use this function only by voice call.

When you do not want to show your image to the caller

Tap "Hide me" and drag  to the outside of the circle that is shown.

To answer a video call by a voice call

Drag  to outside of the circle

- A voice call starts.

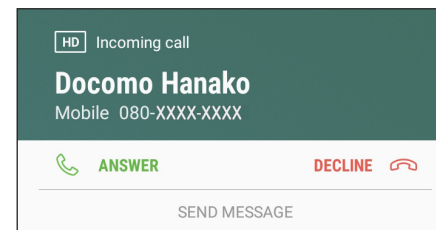
3 When the call ends,

Information

- To stop ringtone sounding or vibration, press  [Power/Screen lock key] or Volume UP key/Volume DOWN key.
- If you set "Suguden settings" (P.60) to ON, you can answer an incoming call simply by placing the terminal on your ear.

Receiving incoming call while app is activated

If an incoming call is received when an app is activated, the call is displayed in a pop-up dialog box.



Incoming call screen

- You can start/decline the call by tapping "ANSWER"/"DECLINE".
- You can decline a call and convey the reason for declining the call to the caller with SMS or answer the call with Answering message by tapping "SEND MESSAGE".
- Tapping the pop-up displays the call in full screen view.

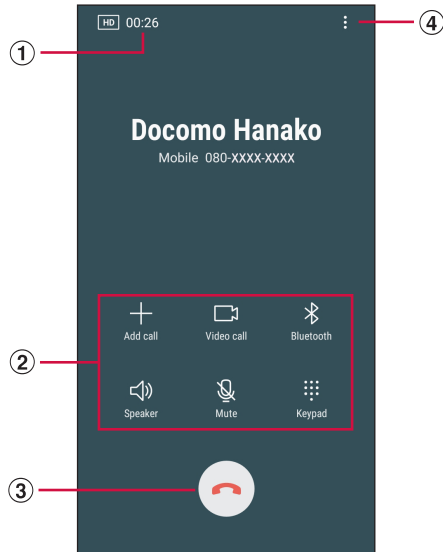
Operation during a call

1 A call is received

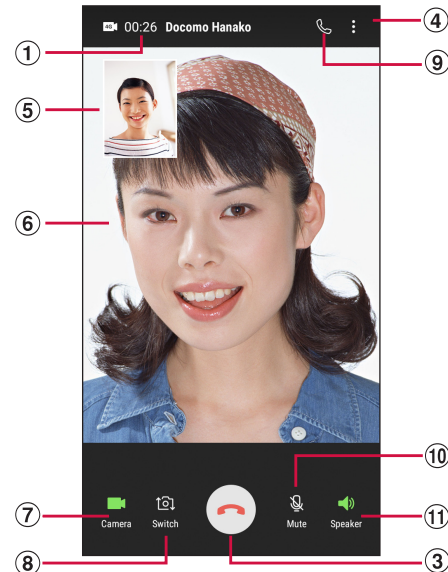
- A reception screen appears.

2 Drag / to outside of the circle

- A call screen appears and calling starts.



Voice calling screen



Video calling screen

① Call time

② Menu icons

Tap to perform one of the following operations.

- Add call: Make a second call
- Video call: Switch to video call.
- Bluetooth: Connect with Bluetooth device to call hands-free.
- Speaker: Emit the other party's voice from the speaker to call hands-free.
- Mute: Mute your voice not to be heard by the other party.
- Keypad/Hide: Show/hide the keypad. Tap keypad to send touch-tone signal.

③

End the call.

④ Menu

Display the menu for calling screen (P.56).

⑤ Your own image

- Tap  → "Switch video displays" to exchange your own image and the other party's image.

⑥ The other party's image

Depending on the other party's setting, a substitute image may be displayed.

- When the other party's image cannot be received,  appears.

⑦ Camera

Switch for whether to send your own image.

⑧ Switch

Switch the cameras for the image to send to the other party from the inside or outside.

⑨ Voice call

Switch to voice call.

⑩ Mute

Mute your voice not to be heard by the other party.

⑪ Speaker

Set the other party's voice from the speaker to call hands-free.

Information

- If the caller changes to a video call during a voice call, a pop-up is displayed confirming whether you want to switch to a video call. Tap "Accept" to switch to the video call screen.
- If you change to an app from "Phone" during a video call, video will no longer be transmitted to the caller.

Menu on calling screen

Tap / on the calling screen to display the following items.

Item	Description
Hold call/Resume call ^{*1*2}	Hold/resume a call.
Record/Stop recording ^{*2}	Record/stop recording your current call.
Turn on extra volume/Turn off extra volume ^{*3}	Switch whether or not to enable extra volume.
View contact/Add to Contacts ^{*2}	View contact or add contact.
Send message ^{*2}	Send SMS.
Keypad ^{*4}	Display keypad to send touch-tone signal.
Switch to Bluetooth device/Switch to phone ^{*4}	Set whether or not to use a Bluetooth device when calling.
Switch to voice call ^{*4}	Switch to voice call.
Switch video displays ^{*4}	Set whether or not to exchange your own image and the other party's image.

*1 Available only when you subscribe to "Call waiting".

*2 Shown only during voice call.

*3 Shown only during voice call. May not show depending on the network which is connected to.

*4 Shown only during video call.

Information

- To adjust the volume of the other party's voice (call volume), press Volume UP key/Volume DOWN key during a call.
- The voice call screen turns off automatically when the screen is covered by making the terminal close to your face (except when a headset or the like is attached or the speaker is ON) or about 30 seconds are passed with no operation. To display the call screen, keep the terminal away from your face or press [Power/Screen lock key].

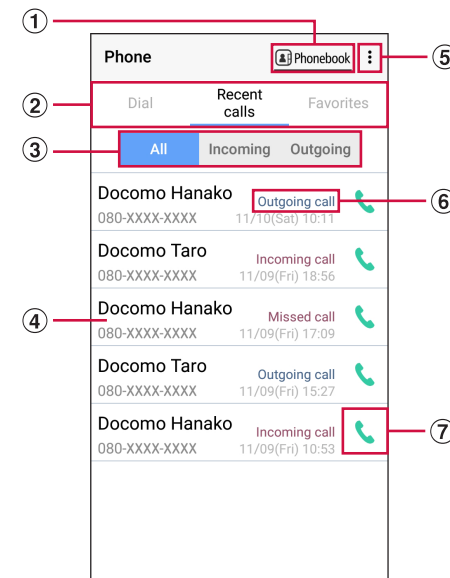
Recent calls

On the Recent calls screen, you can check logs of dialed calls, received calls.

- For number of items that can be displayed in Recent calls screen, see "Main specifications" (P.149)

1 From the Home screen, → "Recent calls"

- Recent calls screen is displayed.



Recent calls screen

- Phonebook**
Start "docomo phonebook" app.
- Dial:** Dial screen appears (P.52).
Recent calls: Recent calls screen appears.
Favorites: Contact list added to Favorites appears (P.63).
- Switch logs**
Switch display between Incoming log and Outgoing log. Tap "All" to display all incoming/outgoing call logs.

④ **Name, Phone number, Call date and time**

- Tap to display the call screen. Tap an item on the call screen to make a call, send SMS, etc.
- Touch and hold to display the following menu.
 - Edit number before call: Edit a number before calling.
 - Delete from call log: Delete from call log.
 - Register as blocked number: Register as blocked number of Nuisance call blocking service (P.58) or register/release to Block numbers (P.59) that reject incoming call or messages.
 - Register to Favorites: Register to favorites.
 - Search location: Connect to imadoco search/imadoco kantan search.

⑤ **Menu**

Display menu.

⑥ **Outgoing call, incoming call, Missed call**

- The difference between voice and video calls are not shown.

⑦ **Voice call key**

Make a voice call to the number for the call log.

Information

- When there is a missed call,  appears on the status bar. Scroll/flick the status bar downward and follow the onscreen instructions.
- From the Home screen, "apps folder" → Tap "Dial" to activate "Dial" app provided by Galaxy, and then tap "RECENTS" to check incoming/outgoing call log. However, available functions etc. differ from those of "Phone" app provided by DOCOMO.

Answering message

Set answering message which plays answering message and records caller's message when you cannot answer an incoming call.

- Answering message is not available for video call.

1 From the Home screen,  →  → "Call settings"

2 "Answering message settings" → "Auto answer with message" → "Always"/"Turn on when set to vibrate"/"Manual"

- Tap "Play answering message after" to set answer time from 0 to 120 seconds.
- Tap "Language" to set language for answering message.

Information

- When there is a recorded answering message,  appears on the status bar. Scroll/flick the status bar downward and tap "New recorded messages" to check answering message. From the Home screen,  →  → "Call settings" → "Answering message settings" → "Recorded messages" to check answering messages.
- For maximum recordable time per one or number of items that can be saved, see "Main specifications" (P.149)

Making an international call (WORLD CALL)

WORLD CALL is an international telephone service that you can use inside Japan with DOCOMO terminal.

For using overseas, see P.134.

- Depending on the network operator, the caller ID may not be shown/ displayed properly. In this case, calls cannot be made from the logs.

1 From the Home screen, → "Dial" → "0", "1", "0" → Country code → Area code (city code) → Enter a phone number of the other party

- Please omit the prefix "0" in the area code (city code). However, "0" maybe required to dial to some countries or areas such as Italy.

2

3 When the call ends,

Information

- When "0" is touched and held to enter prefix "+" before "Country code-Area code (City code)-phone number", international dial assist screen appears when making a call. When you tap "Call by WORLD CALL", "+" is changed to an international access code "009130010", and you can make an international call.

Call settings

You can set functions for calling from the Home screen,  →  → "Call settings".

Item		Description
Hide contacts without numbers		Set whether to display the contacts registered phone number only when "Dial" app provided by Galaxy displays the contacts.
Search for places nearby		Set whether to display the phone number and other information about companies and other facilities close to your current location on the "PLACES" tab in the "Dial" app provided by Galaxy.
Network services	Voice mail service ^{*1}	The service takes voice message of the other party for you if you cannot answer an incoming call.
	Call forwarding service ^{*1}	The service forwards a call if you cannot answer an incoming call.
	Call waiting ^{*1}	The service which allows you to put the current call on hold and answer a second call or make a call to another party.
	Caller ID notification	Notify your phone number on the screen display of the other party when making a call.
	Nuisance call blocking service	Save caller's number and set call decline.
	Caller ID display request service	Activate/deactivate Caller ID display request.
	Call notifications	Activate/deactivate missed call notification.
	English guidance	Set English guidance.
	Remote operation	Activate/deactivate remote operation.
	Public mode (turn off)	While the terminal is OFF or in Airplane mode, a guidance message indicating that the receiver is in a place where power should be turned off is heard on the caller's terminal and then the call ends.
Roaming		→ P.137

Item		Description
Block numbers	Blocked number categories	Set category of the blocked numbers.
	Add phone number	Manage the numbers to block incoming calls and messages.
Quick decline messages		→ P.60
Answering and ending calls	Press Volume up to answer calls	Set whether to answer call by pressing volume UP key
	Automatic answering	Set whether or not to answer a call automatically after 2 seconds when a headset or a Bluetooth device is connected to the terminal.
	Press Power key to end calls	Set whether to end call by pressing [Power/Screen lock key]. • If "Press Power key to end calls" is set to ON and the terminal turns into sleep mode during a call, cancel the sleep mode by pressing [Power/Screen lock key] and end call by pressing [Power/Screen lock key].
Answering message settings ^{*1}	Auto answer with message	→ P.57
	Play answering message after	→ P.57
	Language	→ P.57
	Recorded messages	→ P.57
Show caller information		Set whether to show caller's recent information (call history or message reception history ^{*2}).
Show calls in pop-up		Set whether to display calling screen in pop-up when the other apps is used.

Item		Description
Call alerts	Vibrate when answered	Set whether to vibrate the terminal when the other party answers your call.
	Vibrate when call ends	Set whether to vibrate the terminal when the call starts.
	Play tone when call connects	Set whether to sound call connect tone.
	Play tone when call ends	Set whether to sound call end tone.
	Notify during calls	Set whether to sound notification sound when there is an alarm or SMS reception.
Ringtones and keypad tones	Ringtones	Set incoming call ringtone.
	Vibration pattern	Set vibration pattern.
	Vibrate while ringing	Set whether to vibrate while ringing
	Dialing keypad tones	Play tone when the dialing keypad is tapped.
Show call stickers		Set whether to use phone stamps when making phone calls or talking on the phone with the "Dial" app provided by Galaxy.
Record calls	Notifications	Receive notifications after calls are recorded.
	Auto record calls	Record calls to or from selected numbers automatically.
	Recorded calls ^{*3}	Display recorded files.
	Storage location ^{*4}	Select the storage location.
Auto area code		Set the area code to add to the front of the phone number automatically when calling using "Dial" app provided by Galaxy.
Suguden settings		→ P.60
About Phone		Check about "Dial" app provided by Galaxy.

*1 Not supported to video calls.

*2 Displayed when the default messaging app is set to "Messages".

*3 Appeared only when there is a recorded file of call.

*4 Appears only when microSD card is attached.

Registering reason of decline for SMS to be sent when declining call

The terminal can decline an incoming call and inform the caller of the reason of decline by SMS. Up to 6 decline messages can be registered.

- By default, 3 decline messages are registered.

1 From the Home screen,  →  → "Call settings" → "Quick decline messages"

2 Enter a decline message → 

To edit registered decline message

Tap a decline message to edit → Edit the decline message → Tap "SAVE".

To delete a decline message

Tap  of messages to delete.

Blocking call and message receptions from specified phone number

You can register the phone number you want to decline the calls and messages from, or select number categories.

1 From the Home screen,  →  → "Call settings" → "Block numbers"

2 Enter a phone number to decline → 

- Tap  → "CONTACTS"/"GROUPS"/"RECENTS" to enter a phone number by selecting contacts, groups, or history.
- "Blocked number categories" → Mark the number category you want to block, and you can collectively do blocking.

Setting Suguden

Set "Suguden" to answer just via motion and voice keywords.

1 From the Home screen,  →  → "Call settings" → "Suguden settings"

Item		Description
Answer		Set whether to answer by placing the terminal to your ear.
Mute (Hold)		Set whether to enable the microphone on the terminal to be turned off (mute) by moving the terminal away from your ear after a phrase that includes the keyword "mute (hold)" is spoken during a call.
Disconnect	Motion	Set whether to disconnect the call by putting the terminal horizontally with the screen facing down or by shaking the terminal twice during a call.
	Voice command	Set whether to disconnect the call by releasing the terminal from your ear after voice command during a call.
Call		Set whether to call the registered number or the number in Recent calls by shaking the terminal once on the Home screen then placing the terminal to your ear.
Mute, Reject		Set whether to reject calls by placing the terminal horizontally with the screen faced down while a call is incoming, or shaking the terminal twice. You can select from "Mute", "Reject" or "Reject and send SMS".
Call ranking		You can check call ranking according to the number of outgoing calls.
Hide the name when receiving		Set whether to hide the caller's name until handling the terminal when receiving a call.
Sending of use information		Set whether to send the use information.
Disable Suguden during roaming		Set whether to disable the Suguden function overseas.

Information

- Suguden will not operate in the following cases.
 - When using the speakerphone
 - When using the earphone/headset
 - When connected with a Bluetooth device with calling function (Mute (Hold), Disconnect (Voice command), Call (Motion))
 - When a call is made/a call is received during a call
 - When you are lying down
 - When you are doing intense exercises such as going up and down stairs, running, etc.
 - When covering up the display with a book-type smartphone case, etc.
- If you place the terminal in a bag or pocket with the screen ON while there is an incoming call, in rare cases, Suguden may recognize the action as a motion and answer or end the call.
- The proximity sensor does not respond well to black objects. When answering calls, if you press the earpiece over your hair, the proximity sensor may have trouble working and may cause failure to answer the call. In this case, please press the earpiece directly to your ear.
When disconnecting/rejecting a call, turning the terminal over on a black desk, etc. may cause the operation to fail (cannot disconnect/reject). In this case, instead of placing the terminal directly on the surface, raise the terminal 1 cm from the desk, etc. as you flip it over to operate (disconnect/reject).
- Suguden does not support video calls. Video calls are only supported by the "Hide the name when receiving" function.

About Disconnect (Motion)

- If a motion is performed, the call will be ended in the following cases.
 - While the other party is holding
 - When the answering message is active (playing the answering message/recording a message)
- When a call is disconnected, the fast motion of putting the terminal with its screen facing down may cause the operation to fail (cannot disconnect). In this case, perform the action slowly to operate (disconnect) the terminal.
- Shaking the terminal strongly is recognized as an operating motion and may cause the call to be disconnected.

About Disconnect (Voice command)

- If a disconnect keyword is detected, the call will be ended in the following cases.
 - While the other party is holding
 - When the other party activates the answering message (playing the answering message/recording a message)

About Mute (Hold), Disconnect (Voice command)

- If Mute(Hold), voice call-ending is ON while talking on the phone, other apps that use the microphone or audio during a call (such as a call recording app) may not be available. If you want to use these apps during a call, turn OFF Mute(Hold) or Disconnect (Voice command) after ending the call to enable them.
- A call cannot be ended with Mute(Hold) or voice command while the answering message is running (playing the answering message/recording a answering message). If you answer the phone while recording a answering message, you can end the call with Mute(Hold) or a voice command.
- When you call with "Hanashite Hon'yaku", you cannot disconnect the call with the voice command.
- Suguden voice command functions use speech recognition technology and language processing technology. However, DOCOMO is not liable to the accuracy of these techniques.
- If you speak in a too low voice during a call or you call in noisy situation, your voice may not be recognized depending on your way of speech.

About Call

- You can only make a call when the terminal is displaying the Home screen or lock screen (unlocking method is [Swipe/Touch]).

About Mute, Reject

- Strongly shaking the terminal will be treated as motion and an incoming call may be rejected.

About Disable Suguden during roaming

- Suguden feature is automatically disabled overseas. To use Suguden feature overseas, set "Disable Suguden during roaming" to OFF.
- If you would like to know more detailed information about the Suguden feature, usage precautions, and other items, refer to the following website.
<https://www.nttdocomo.co.jp/service/suguden/> (In Japanese only)

Phonebook

Registering to phonebook

Manage various contact information such as name, phone number or mail address using "docomo phonebook" app provided by DOCOMO.

- For using the cloud service on phonebook, "docomo phonebook" app is required.
- When you activate "docomo phonebook" app for the first time (including after resetting the app), "Use of Cloud" screen appears and set to use Cloud.

1 From the Home screen, "apps folder" → "docomo phonebook"

- By default, contacts list screen appears.

2 "Register"

The screenshot shows the 'Edit profile' screen with the following elements:

- ① A red box highlights the 'Set' button next to the 'docomo' account selection.
- ② A red box highlights the 'Set' button next to the profile picture placeholder.
- ③ A red box highlights the 'Mobile' dropdown menu under the 'Phone' section.

Edit contacts screen

- ① **Account**
Tap "Set" to select an account.
- ② **Image field**
Tap "Set" to register an image.
- ③ **Label key**
Select a content label (item).

3 Enter the required items

- When group (P.64) is set to a contact, tap "Set" in "Group" to group the contact.

4 "Save"

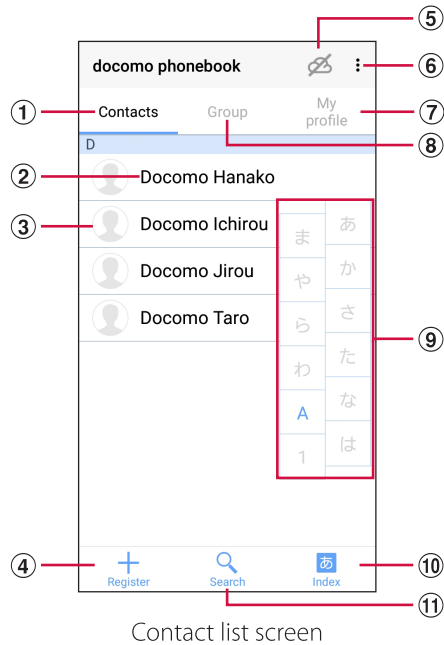
- If the contact is not displayed, on the contacts list screen, tap ⋮ → "Settings" → "Accounts to display" to change the display settings.

Information

- Alternatively, from the Home screen, "apps folder" → Tap "Contacts" to activate "Contacts" app provided by Galaxy to register or manage contacts. However, available function, etc. differs from "docomo phonebook" app provided by DOCOMO.
- To save the contact to the terminal, from the Home screen, "apps folder" → "Contacts" → 📞 → "Phone"

Checking/Editing a contact

- 1 From the Home screen, "apps folder" → "docomo phonebook" → "Contacts"



Contact list screen

- ① **Contacts**
 - Display the contact list screen.
- ② **Name registered in the phonebook**
- ③ **Photo set in the phonebook**
- ④ **Register**
 - Add contacts (P.62).
- ⑤ **Log in to/out from the cloud**
- ⑥ **Menu**
 - Display menu.
- ⑦ **My profile**
 - Profile screen appears. You can check the phone number, edit/manage your own profile information (P.64).
- ⑧ **Group**
 - Displays the group list screen. You can add and edit groups (P.64).

- ⑨ **Index character display area**
 - Tap "Index" to display index characters by which you can search a name in the order of the Japanese syllabary, alphabet, etc.
- ⑩ **Index**
 - Display the index character display area.
- ⑪ **Search**
 - Search contacts.

2 Tap the contact you want to check

- Profile screen appears.
- Tap "Edit" to edit a contact.

Making a call from phonebook

1 On the Contacts list screen, tap the recipient you want to call

- Profile screen appears.

2

- Tap the phone number to create SMS or make video call.
- To create a mail, tap a mail address and select an app.

Adding a contact to Favorites

1 On the Contacts list screen, tap the contact you want to add to Favorites → Tap ☆ (white) to change to ★ (yellow)

- Added contact is displayed in the "Favorites" group.

Adding/Editing a group

- 1 On the Contacts list screen, "Group"
- 2 "Add group"
 - To edit saved group
Tap a group you want to edit → "Edit" → Edit and then tap "OK".
 - To delete group
⋮ → "Delete group" → Mark groups you want to delete → "OK" → Tap "OK".
 - To change display order of groups
"Sort" → Tap a group → Drag the group to desired place → Tap "OK".
- 3 Select account → Enter a group name → Select an icon and color
- 4 "OK"

Information

- You can set icon or color when creating group or change order in the group list only for the groups saved in docomo's account.

Adding contact to a group

- 1 On the Contacts list screen, "Group"
- 2 Tap a group → "Add member" → Mark contacts to add → "OK" → "OK"
 - To delete contact from a group, tap a group that includes a contact you want to delete → "Delete member" → Mark contacts to delete → "OK" → Tap "OK".

Information

- Only contacts saved in the save location where the same account is can be added to the group.

Registering My profile

- 1 On the Contacts list screen, "My profile"
 - Profile screen appears.
- 2 "Edit"
- 3 Enter the required items → "Save"

Importing/Exporting contacts

You can import contacts between microSD card or docomo nano UIM card and the terminal, or send them as contact data (vCard).

- 1 On the Contacts list screen, ⋮ → "SD card/SIM card/common"
- 2 Select an item
 - Follow the onscreen instructions.

Mail/Web browser

docomo mail

Send/receive mails using DOCOMO mail address (@docomo.ne.jp). Sent/received mails are saved in docomo mail server. You can transfer mail data easily when the terminal is lost or you change the model. Additionally, with d ACCOUNT, you can send, receive and read mail on multiple devices such as a tablet and PC browser using the same mail address.

For details of docomo mail, refer to NTT DOCOMO website.

https://www.nttdocomo.co.jp/service/docomo_mail/ (In Japanese only)

1 From the Home screen,

- From here on, follow the on-screen instructions.

+メッセージ (+Message)

You can send/receive images, videos, stamps, etc. as well as text message in chat format using a mobile phone number as a recipient. Also, you can exchange messages not only on one-to-one, but also among multiple people as group messages.

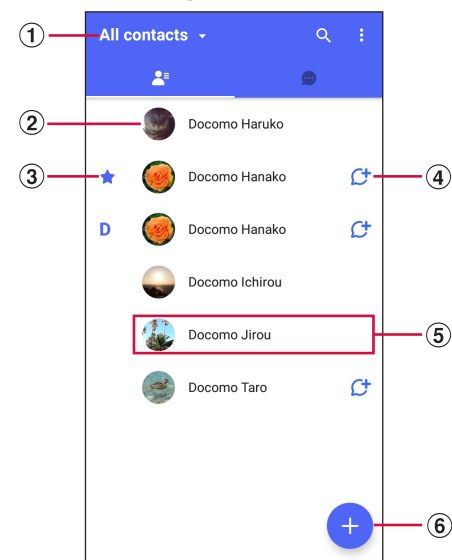
If the other party does not a +Message, you can use the short message service (SMS) instead via "+Message" app to send/receive messages.

For details on +Message, refer to NTT DOCOMO website.

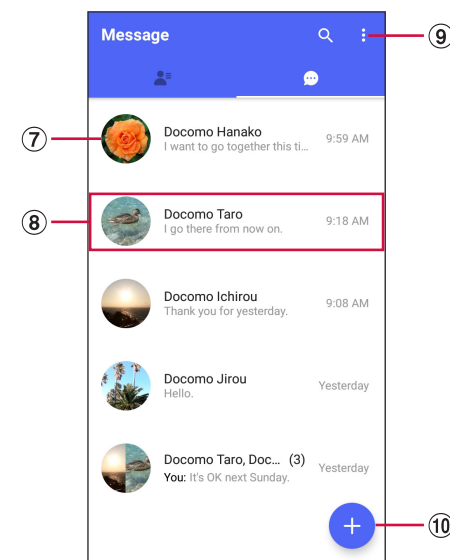
https://www.nttdocomo.co.jp/service/plus_message/ (In Japanese only)

1 From the Home screen, "+メッセージ (+Message)"

- Tap  to display a contacts list screen, or tap  to display a message list screen.



Contact list screen



Message list screen

① Switch tab

Tap to switch between displaying all contacts and only +Message users (contact with  icon) to display.

② My profile

Your own contact is displayed. Tap to display/edit my profile.

③ Favorite contact

Your favorite contacts are displayed in the upper part of contact list, below My profile.

④

It is an icon indicating a user of +Message. You can exchange group messages, photos, stamps, etc. among the contacts with this icon.

⑤ Contacts

Tap to check detail of contact.

⑥

Tap to add a contact.

⑦ Profile image

The other party's profile image is displayed. The image that the other party registered to his/her own profile takes precedence over the image you registered to the contact.

⑧ Message

Tap to open a "message" screen.

⑨

Display the sub menu.

- Read all: Change all unread messages to read messages.
- Sort messages: Sort messages.
- MyPage: Display MyPage. In MyPage, editing your profile, setting, using stamp store, etc. are available.

⑩

Create a new message and new group message.

Sending a message

1 From the Home screen, "+メッセージ (+Message)"

2 → → "New message"/New group message"

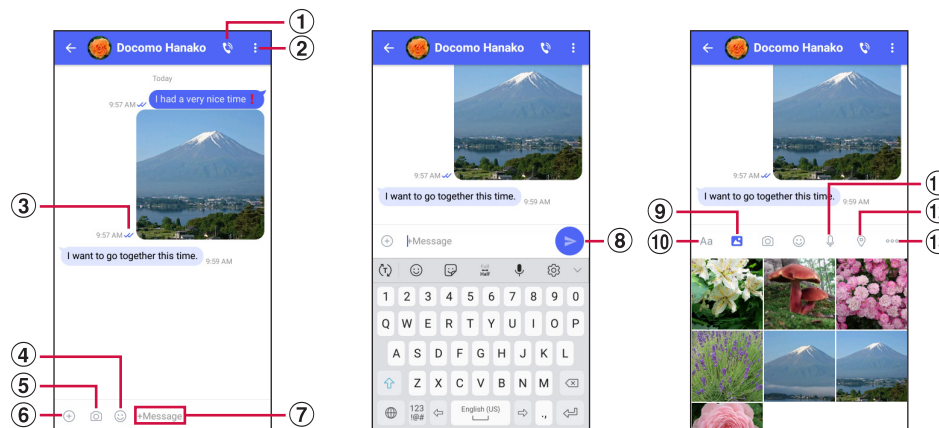
- Group message is a function which allows multiple +Message users (icon displayed in the contact) to send/receive messages among them.

3 Select a recipient

- To send a recipient who is not registered to Contacts, tap and input a phone number directly.
- For group message, select multiple recipients and then tap "OK".

4 Tap the message field and enter a text →

- If the recipient is a +Message user, sending photos, videos, or stamps is available.



①

Activate the phone app to make a call.

②

Display the sub menu.

- You can register contacts, change the call settings, etc.

③ Message delivery status

Display message delivery status.

✓ : The recipient has checked the message

- It is available only when the settings of "Use message read function" of both sender and recipient are ON.

✓ : Message is received on the recipient device

No icon display: Message is sent to the sever

✗ : Sending message failed

- ④  Switch to the stamp selection screen
- ⑤  Tap to activate the camera. Touch and hold to shoot a photo and then you can send it consecutively.
- ⑥  Display a sharing tray to send photos, stamps, location information, etc.
 - While the sharing tray is displayed, you can use functions such as sending images or recording voice.
- ⑦ **Message entry field**
Enter a message.
- ⑧  Send an entered message.
- ⑨  Switch to the image selection screen
- ⑩  Switch to the text entry screen
- ⑪  Switch to the voice recording screen
- ⑫  Switch to the map screen
- ⑬  You can select from Contacts/Sketch/Gallery.

Information

Short Message Service (SMS) information

- SMS can be also sent to or received from the parties using overseas network operators. For countries and overseas network operators available, refer to NTT DOCOMO website.
- To send SMS to users of overseas network operators, enter "+", "Country code" and then "the recipient mobile phone number". Enter the phone number without a leading "0", if any. Alternatively, enter "010", "Country code" then "the recipient mobile phone number" in order.
- If "#" or "*" is included in the address, a message cannot be sent.

About +Message

- To use "+Message" app via international roaming, enable Set +Message service while roaming (it is set to OFF by default). Also, set "Data roaming" of the terminal setting to ON.
- Before receiving messages, activate "+Message" app and the agree with the +Message terms of use, etc. even if you were a +Message user of the previous terminal before model change or MNP transfer.

Reading messages

Sent/received messages are displayed in thread by recipient/sender.

- 1 From the Home screen, "+メッセージ (+Message)"
- 2  → Select a message thread you want to read
 - For functions used for replying to messages, see "Sending a message" (P.66).

Forwarding a message

- 1 From the Home screen, "+メッセージ (+Message)"
- 2  → Select a thread
- 3 Touch and hold a message you want to forward → 
- 4 Enter a recipient and message → 

Deleting a decline message

- 1 From the Home screen, "+メッセージ (+Message)"
- 2  → Select a thread
- 3 Touch and hold a message you want to delete →  → "DELETE"
 - Only messages on the terminal can be deleted. You cannot delete messages on the recipient device.
Note that deleted messages cannot be restored.

Deleting a thread

- 1 From the Home screen, "+メッセージ (+Message)"
- 2  → Touch and hold the thread to delete
- 3  → "DELETE"
 - If you delete a thread of group message, you will be left from the group.

Changing +Message settings

- 1 From the Home screen, "+メッセージ (+Message)"
- 2  → "MyPage" → "Settings"
- 3 Select an item

Item	Description
Message	Set for messages, back up/restore, etc.
Photos and videos	Set for file attachment, etc. such as photos or videos when sending/receiving.
Screen display	Set the theme color, or background of message screen.
Notification	Set for notifications.
Privacy	Set a passcode, block list, etc.
Others	Set for transfer of user information, initialization of + Message service, etc.

SMS

You can send and receive text messages with a mobile phone number as the destination.

* For details on a number of characters that you can send/receive etc., refer to "Short Message Service (SMS)" on the NTT DOCOMO website.

Creating and sending SMS

- 1 From the Home screen, "apps folder" → "Messages"
 - When a confirmation screen asking whether to set "Messages" app to default appears, follow the onscreen instructions.
 - A thread (sender/recipient of SMS) list appears.
- 2 
 - SELECT RECIPIENTS screen appears.
- 3 Select a recipient → "START"
 - When sending to an unregistered recipient, enter a recipient's mobile phone number, tap "Add to recipients" → "START".
 - To send a message to multiple recipients, tap  and add recipients.
 - You can also select recipients registered to Contacts to enter.
- 4 Enter text in "Enter message" field
 - To insert saved phrase, tap  → "Quick responses" → Tap a message to insert.
- 5 
 - To send an SMS on a specified date and time
 → "Schedule message" → Set date you want to send it → "DONE" → "Enter message" → Tap .
 - To save composing SMS as a draft
When a recipient and text are entered and the keypad is displayed, tap  → .

Information

- SMS can be also sent to or received from the parties using overseas network operators. For countries and overseas network operators available, refer to NTT DOCOMO website.
- To send SMS to users of overseas network operators, enter "+", "Country code" and then "the recipient mobile phone number". Enter the phone number without a leading "0", if any. Alternatively, enter "010", "Country code" then "the recipient mobile phone number" in order.
- If "#" or "★" is included in the address, SMS cannot be sent.
- SMS is not sent if the terminal is not ON at the scheduled date for sending SMS.
- Sending-scheduled SMS is sent at the date and time set on the terminal. Depending on network condition or radio wave condition, sending date may be different from the set scheduled one.

Checking received SMS

1 From the Home screen, "apps folder" → "Messages"

- A thread (sender/recipient of SMS) list appears.
- Tap "Search" to search messages.

2 Tap a thread you want to read

- An SMS list appears.
- Received messages are displayed on the left side, and sent messages and scheduled messages are displayed on the right.
- Tap  to make a call to the received phone number.

Information

- If "Notifications" (P.69) is set to ON, when an SMS is received,  appears on the status bar.

Menu on thread list screen

Tap  on the thread list screen to display the following items.

Item	Description
Edit	Edit a thread.
Mark all as read	Mark all threads as read.
Starred messages	Display starred messages.
Quick responses	Add/edit phrase.

Item			Description
Settings	Notifications	ON	Set notifications to ON.
		App icon badges	Set whether to add a badge to the app icon when there is an unread message.
		Emergency Alerts	Set emergency alerts.
		General notifications	Set general notifications.
		New messages	Set notifications for new messages.
		In-app notification settings	Set whether to display previews of new messages on the lock screen and in pop-ups.
	Block numbers and messages	Block numbers	Manage the numbers to block incoming calls and messages.
		Blocked messages	Display blocked messages.
	More settings	Text messages	Set delivery reports, manage SIM card messages, message center and expiration date.
		Show web previews	Set whether to display previews of websites linked to in chats.
		Delete old messages	Delete the oldest message when the maximum number of text messages (1,000) has been exceeded.
	Privacy	Customization Service	Set Customization Service.
	About Messages		Display the version information of Messages and Message service apps and Open source licenses.
Contact us			You can use Galaxy Members.

Menu on SMS list screen

Tap  on the SMS list screen to display the following items. Follow the on-screen instructions.

Menu on message screen

Touch and hold an SMS message which is sent/received or scheduled to open the messaging options. Follow the on-screen instructions.

Information

- Alternatively, you can tap  of an scheduled message → "Send now" → "SEND" to send the scheduled message immediately.
- Up to 20 messages can be copied to the docomo nano UIM card.

Email

You can set a POP3- or IMAP-compatible Email account provided by a general service provider to send/receive email.

Setting up Email account

When you enter mail address and password, Email account settings are downloaded and set automatically.

- If settings cannot be made automatically or you make settings manually, you need to enter settings for sending and receiving. Prepare the required information of Email account settings in advance.
- The steps vary depending on the email accounts which are set.

1 From the Home screen, "apps folder" → "Email"

2 Enter mail address and password → "SIGN IN"

- An account type selection screen appears, follow the onscreen instruction to make settings.

Creating and sending an email

1 From the Home screen, "apps folder" → "Email"

2 

- The email creation screen appears.

3 In "To" field, enter a mail address to send

- To add Cc/Bcc, tap  to enter an address in the Cc field or Bcc field.
- Tap  to enter recipients selecting from Contacts.

4 Enter a subject in the "Subject" field

5 Enter a text in the message field

6 "SEND"

Information

- If you send/receive emails to/from a PC or other device, some pictograms, HTML mails, etc. may not be displayed correctly depending on the usage environment.

Checking received emails

- 1 From the Home screen, "apps folder" → "Email"
- 2 Slide Email list downward
- 3 Tap an email you want to read
 - A message screen appears.

Information

- If  →  → "Notifications" is set to ON, when an email is received,  etc. appears on the status bar.
- Tap email address of sender on the message screen and select "View contact" to register to the phonebook or send email.
- When data is attached,  appears on the Email list. When you tap the file name of attached data, the attached data appears. When you tap the file name of attached data, the attached data appears.

Menu on Email list screen

Tap  on the Email list screen to display the following items. Follow the on-screen instructions.

Menu on message screen

Tap  on the message screen to display the following items. Follow the on-screen instructions.

Changing Email settings

Account settings

- 1 From the Home screen, "apps folder" → "Email"
- 2  →  → Tap an account you want to set
- 3 Tap an item to set

Item	Description
Sync account	Set whether to synchronize with Email server.
Account name	Change account name.
Your name	Change user name.
Always Cc/Bcc myself	Add your mail address to Cc/Bcc.
Signature	Set whether to add signature to a mail message. Also edit signature.
Show images	Set whether to display images.
Auto download attachments ^{*1}	Set whether to download attached files automatically when connecting via Wi-Fi.
Sync schedule	Set Email synchronizing timing.
Email sync period ^{*1}	Set period for synchronizing Email.
Number of emails to load ^{*2}	Set number of emails to display.
Limit retrieval size	Set email size for receiving.
Limit retrieval size while roaming	Set email size for receiving while roaming.
Server settings	Change settings of sending/receiving server.

*1 Does not appear for POP3 account.

*2 Does not appear for IMAP account.

Information

- When multiple Email accounts are set, tap  on the Email list screen → Tap "All accounts" to check a list of received mails in all the registered accounts.
- To delete an Email account, on the Email list screen,  →  → Tap email accounts you want to delete → "REMOVE" → Tap "REMOVE".
- For Microsoft Exchange ActiveSync account, the setting items differ.

General settings

- 1 From the Home screen, "apps folder" → "Email"
- 2  → 
- 3 Tap an item to set

Gmail

You can send/receive emails using Gmail.

- To use Gmail, set up an email address (P.121). When a setting screen of email address appears, perform the settings according to the onscreen instructions and then operate it.
- For details of Gmail, on the Gmail screen,  → "Help & feedback".

Opening Gmail

- 1 From the Home screen, "Google" → "Gmail"
 - If the screen describing new Gmail functions appears, follow the instructions on the screen.
- 2 Tap an email you want to read
 - Content of the selected email appears.

Creating and sending Gmail

- 1 From the Home screen, "Google" → "Gmail"
- 2 
 - The Email creation screen appears.
- 3 In "To" field, enter an address
 - To send an email to multiple recipients, separate with a comma (,).
 - To add Cc/Bcc, tap .
- 4 Enter a subject in the "Subject" field
- 5 Enter a text message in "Compose email" field
- 6 

Switching accounts

If you have more than one Email account, you can switch Email accounts.

- 1 From the Home screen, "Google" → "Gmail"
- 2 
- 3 Tap an account name → Tap an account to switch
 - Inbox of the selected account appears.

Early Warning "Area Mail"

Area Mail is a service that you can receive Earthquake Early Warning and Tsunami Warning provided by the Meteorological Agency, and Disaster/Evacuation information provided by the nation or local public body without being affected by the line congestion.

- Area Mail is a free service and subscription is not required.
- Up to 50 items can be saved. If savable amount of Area Mail exceeds the limit of maximum, the oldest one is deleted in order.
- Area Mail cannot be received in the following case.
 - When power is off
 - During International roaming
 - In Airplane mode
 - While updating software
 - When PIN entry screen is displayed
 - When a SIM other than by DOCOMO is in use
 - During a voice call (except for VoLTE voice calls)
- Area Mail may not be received when available memory of the terminal is low or tethering is set, or during packet communication.
- You cannot receive the unreceived Area Mail (Earthquake Early Warning). Area Mail (tsunami warning, emergency warning related to weather etc., disaster/evacuation information) can be resent. In the case you could not receive it, you can receive it again.

Receiving Early Warning "Area Mail"

When Area Mail is received, a content notification screen appears and you are notified by dedicated buzzer sound or dedicated ringtone and vibration.

- The buzzer sound and the ringtone cannot be changed.

- 1 Receiving Early Warning "Area Mail" automatically
- 2 When Area Mail is received, the dedicated buzzer or ringtone sounds, a notification icon appears on the status bar, and a message of Area Mail appears.

Viewing received Area Mail later

- 1 From the Home screen, "apps folder" → "Disaster kit"
- 2 "Early Warning "Area Mail"" → Select a message of Area Mail from Area Mail list

Deleting an Area Mail message

- 1 From the Home screen, "apps folder" → "Disaster kit"
- 2 "Early Warning "Area Mail"" → Mark an Area Mail you want to delete
- 3 "Delete" → "OK"

Setting Early Warning "Area Mail"

Set whether to receive Area Mail or set operation for reception, etc.

1 From the Home screen, "apps folder" → "Disaster kit"

2 "Early Warning "Area Mail"" →  → "Settings"

3 Tap an item to set

Item	Description
Receive setting	Set whether to receive Area Mail.
Emergency alert history	Display a list of received Area Mail messages.
Vibrate	Set vibration when receiving Area Mail messages.
Alert reminder sound	Set whether to set reminder of received Area Mail. You will receive alert reminder with the dedicated beep sound and vibration. When "Once" is set, you have an alert again only once in 2 minutes after Area Mail is received. When "Every 2 minutes" is set, you have alerts again up to three times at 2-minutes intervals in 2 minutes after Area Mail is received. When "Every 15 minutes" is set, you have alerts again up to three times at 15-minutes intervals in 15 minutes after Area Mail is received.
Use full volume	Set volume of beep sound for receiving Area Mail. When it is set to ON, the terminal emits sound at the maximum volume even in silent mode. When it is set to OFF, the terminal emits sound according to the alarm volume setting. However, ringtone volume is set to "0", the terminal does not follow the alarm volume setting and emit no sound.
Check screen image and beep tone	Check the reception screen and the buzzer/ringtone sound for earthquake early warning, tsunami warning and disaster/evacuation information, emergency warning related to weather etc.

Item	Description
やさしい日本語表示 (Display easy-to-understand Japanese)	Set whether Earthquake Early Warning, Tsunami Warning are to be displayed in easy-to-comprehend Japanese.
翻訳・アプリ連携設定 (Translation/App link setting)	Set whether to translate the received content or use the link with the other applications. This item is not displayed when the language is set to English.

Web browser

Using web browser

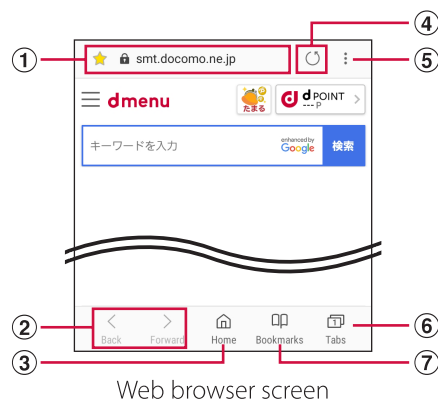
Using web browser, you can view web pages as PCs.
On the terminal, web browser can be used via a packet transmission or Wi-Fi connection.

- Some web pages may not be displayed or may not appear properly.

Activating web browser

1 From the Home screen,

- Web browser activates and web page set as home page (by default, dmenu (<http://smt.docomo.ne.jp/?home>) (In Japanese only)) appears.



- ① **Address bar**
Enter a URL of web page or a keyword you want to search.
Tap address bar to display quick access.
- ② **Back/Forward**
- ③ **Home**
Return to web page set as homepage.
- ④ **Refresh**
- ⑤ **Menu**
Display browser menu.
- ⑥ **Tab**
Switch between tabs, close and open tabs.
- ⑦ **Bookmarks**
Display a list of bookmarks, etc.

Information

- When the address bar or icon is not displayed, flick/swipe the screen to display it.

Exiting web browser

1 → Flick thumbnail of browser left or right

- Even when you return to the Home screen by pressing  [Home button] or press  on the browser screen, the browser is not terminated.

Information

- The following operations are available (Some operations are not available depending on the web page display).
 - Zooming in/out: Pinch out/in at the point you want to zoom in/out.
 - Scrolling: Scroll/flick the screen.
 - Back to the previous screen: 
 - Using magnifier: Touch and hold the screen.
 - Copying text/Sharing text/Searching text: Touch and hold the text which is not posted to the links on the screen → Drag  /  in all directions, select the range of text → Tap the functions you want to use.

Opening new tab

1 From the Home screen,

2 "Tabs"

- Tab manager appears.

3 "NEW TAB"

- Web page set as a Homepage (P.77) appears.

4 Enter search keyword in the search box at the top of screen

- To close tabs, "Tabs" → Tap  in the window you want to close.

Opening new secret tab

View with the browser without history of browser or search remained. All of bookmarks and web pages saved in secret mode is not displayed when the secret mode is disabled.

- 1 From the Home screen, 
- 2 "Tabs"
 - Tab manager appears.
- 3 "TURN ON SECRET MODE"
- 4 "DON'T USE PASSWORD" → "OK"
 - If you use password, tap "SET PASSWORD" and follow the onscreen instructions.
 - If you register password later, tap  → "Secret mode security" → Tap "Use password" on the tab manager screen and follow the onscreen instructions.

Information

- If you set secret mode to OFF, restart browser app or tap "TURN OFF SECRET MODE" on the tab manager screen.
- For windows viewing in secret mode, frame of the address bar appears in gray.
- Web pages viewed in secret tabs will not appear in the browser or search history. Also cookies will not be stored in the terminal. However, downloaded files or bookmarked web pages viewing in secret tab will be stored.

Operating links in web pages

You can display links in new tabs, and download images, etc.

- 1 From the Home screen, 
- 2 Touch and hold a link
- 3 Tap an item you want to use

Information

- Depending on the web pages, some link operation menu may not be displayed or the displayed items may differ.

Managing history and bookmarks

Viewing web pages from the history

- 1 From the Home screen, 
- 2 "Bookmarks" → "HISTORY" tab
 - A history list appears.
 - History is displayed in reverse chronological order of view date.
- 3 Tap a web page you want to view

Information

- To delete all histories, on the history list, tap  → "Clear history".

Adding web page to Bookmarks

- 1 From the Home screen, 
- 2 Display a web page to bookmark →  → "Add to Bookmarks"
- 3 Confirm/change title and web address of bookmark and storage location → "SAVE"
 - You can also tap "All", and change the save location.

Viewing web page from Bookmarks

- 1 From the Home screen, 
- 2 "Bookmarks"
 - A bookmark list appears.
- 3 Tap a web page you want to view

Information

- When  is tapped on the bookmark list, the following items appear.
 - "Edit": Select multiple bookmarks, and you can delete and move them, or change their display sequence, etc.
 - "Create folder": Create a folder.

Bookmarks/History/Saved pages

Touch and hold bookmarks/history/saved pages to display the selection screen. Follow the on-screen instructions.

Setting web browser

1 From the Home screen, 

2  → "Settings"

3 Tap an item to set

Item	Description
Homepage	Set a homepage.
Default search engine	Set a search engine.
Auto fill forms	Set the text to be filled in automatically in the text field.
Manual zoom	Set whether to be able to zoom in or out regardless of the web page settings.
Privacy	Set whether data regarding privacy is to be used, and delete data.
Galaxy Cloud	Sign in to your Galaxy account to sync bookmarks, Saved pages, etc.
Advanced	Set detailed functions.
Accessibility	Switch to High contrast mode.
CUSTOMIZATION SERVICE	Set whether to use Customization Service.
Personal information	Set information to send to Customization Service. Available only when Galaxy account is set.
About internet	Display the version of browser

Camera

Camera

Copyrights and portrait rights

Avoid reproducing, altering, or editing taken or recorded pictures or sounds using the terminal without the copyright holders authorization, because, except for personal use etc., they are prohibited by the Copyright law. Avoid using or altering pictures of others without their consent, because they may infringe on portrait rights. Note that taking photos or recordings at some demonstrations, performances or exhibitions may be prohibited even when only for personal use. If you cause the public any trouble using the terminal, you may be punished under law or regulations (for example, nuisance prevention ordinance).

Please be considerate of the privacy of individuals around you when taking and sending photos using camera-equipped mobile phones.

Before using Camera

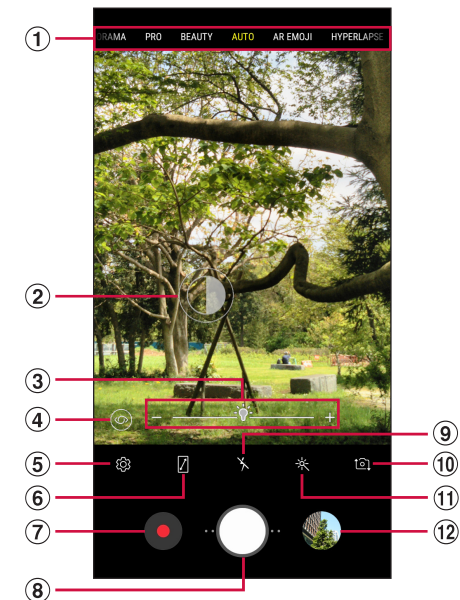
- Though the camera is manufactured using extremely accurate technology, some dots and lines may always be displayed to be lighter or darker than you expect. Images shot under very low light intensity contain increased noise such as white lines or random dots, but it is not a malfunction.
- Note that a stripe pattern may appear on the screen when Camera is activated, but it is not a malfunction.
- Still images or videos shot by Camera may differ from actual subjects in color and brightness.
- When attempting to take a photo of a strong light source such as the sun or a lamp, images may become dark or degraded.
- If the lens is contaminated with fingerprints or skin oil, you cannot shoot clear still images/videos. Use a soft cloth to remove any such contaminants on the lens before taking photos.
- When shooting, hold the terminal firmly with your hand not to move. Moving the terminal when shooting may cause shot images blur.
- Do not cover the lens with your finger or hair when shooting.

- Using Camera consumes much power of battery. Note that if you shoot with low battery, the screen may become dark or a shot image may be blurred.
- If you use Camera for a long time such as continuous shooting of still images and longtime shooting of videos, the terminal may become hot and Camera may be terminated automatically, but it is not a malfunction. Please use after a while.
- Do not remove a microSD card forcedly immediately after shooting, etc. An image may not be saved normally, or shot data may be damaged. To remove the microSD card, perform "UNMOUNT" (P.111) in advance.
- Even in Silent mode (Mute, Vibrate), shutter sound for still image shooting and start/stop sound of shooting video sounds.

Shooting screen

1 From the Home screen, "Camera"

- For the first time activation, a confirmation screen for saving location appears when a microSD card is installed. Confirm the contents and tap "Cancel"/"OK".
- If a screen related to a location tag appears, confirm the content and follow the instructions on the screen.
- Apps to be displayed vary depending on the settings.



Still image/video shooting screen

- ① **Switch camera mode**
 - Flick left or right to switch the camera modes.
 - Set camera mode will appear in the horizontal center in yellow letter. → P.81
- ② **Focus**
 - Tap the shooting screen to display it.
- ③ **Brightness adjustment**
 - Tap the shooting screen to display the bar with which you can adjust brightness.
- ④ **Bixby Vision**
 - Appears when the camera mode is AUTO or SELFIE. Tap to use Bixby Vision. → P.82
- ⑤ **Settings**
 - Tap to display the setting menu. → P.80
- ⑥ **Full screen display ON/OFF**
 - When full screen display is set to ON, the screen size changes to 18.5:9.
- ⑦ **Shutter (video shooting)**
- ⑧ **Shutter (still image shooting)**
 - Slide the shooting screen left or right to adjust zoom.
 - Drag the shutter (still image shooting) button up to add the floating camera button.
- ⑨ **Flash settings**
 - Switch flash to AUTO/ON/OFF.
- ⑩ **Switch between the rear camera and front camera**
 - Alternatively, flick up or down on the shooting screen to switch between front camera and rear camera.
- ⑪ **Shooting effect (effect)**
- ⑫ **Thumbnail**
 - Tap to activate Gallery.

Information

- If no operation is performed for approximately 2 minutes with Camera activated, Camera ends.

Shooting still images

- 1 **From the Home screen, "Camera"**
 - Still image/video shooting screen appears.
- 2 **Point Camera at an object**
 - You can adjust zooming by pinching in/out on the display.
- 3 
 - Shutter sound sounds and then an image is shot.
 - The shot still images are automatically saved.
 - You can shoot up to 30 photos consecutively by touching and holding  when shooting.

Information

- If "Take pictures" in "Press Volume key" is selected in the setting menu, you can also shoot still images by pressing Volume UP key/ Volume DOWN key (P.80).

Shooting videos

- 1 **From the Home screen, "Camera"**
 - Still image/video shooting screen appears.
- 2 **Point Camera at an object → **
 - Start sound sounds and shooting video starts.
 - You can adjust zooming by pinching in/out on the display.
 - Tap  to shoot still images while shooting video.
 - To stop recording, tap . Tap  during pause to resume shooting.
- 3 **To stop shooting, **
 - Stop sound sounds and video is saved automatically.

Information

- Before shooting video, check if the memory space is enough.
- If "Record video" in "Press Volume key to" is selected in the setting menu, you can also shoot/stop videos by pressing Volume UP key/ Volume DOWN key (P.80).

Setting Camera

1 From the Home screen, "Camera"

- Still image/video shooting screen appears.

2

- There are items that cannot be set depending on camera mode.

Item		Description
REAR CAMERA	Picture size	Set the picture size of still images.
	Video size	Set the picture size of videos.
	Timer	Set self-timer. • When shooting mode is "AUTO" or "PRO", you can shoot up to 3 photos consecutively when the timer reaches to 0.
	HDR (Rich tone)	Set whether to shoot images with natural lighting and shade which are vivid and clear when shooting in backlight or in a dark place.
FRONT CAMERA	Picture size	Set the picture size of still images.
	Video size	Set the picture size of videos.
	Timer	Set self-timer. • When shooting mode is "SELFIE", you can shoot up to 3 photos consecutively when the timer reaches to 0.
	HDR (Rich tone)	Set whether to shoot images with natural lighting and shade which are vivid and clear when shooting in backlight or in a dark place.
	Save pictures as previewed	Laterally invert and save shot images/videos.
	Shooting methods	You can set "Tap screen"/"Show palm" to shoot selfie.
COMMON	Edit camera mode	Set to show/hide the camera mode name on the shooting screen by tapping, or change the order of mode names by sliding  .
	Video stabilization	Correct screen shakes while shooting video with the rear camera.

Item		Description
COMMON	Grid lines	Display grid for shooting range on the shooting screen.
	Location tags	Set whether to add location information. • To receive GPS signal correctly, do not use in a poor reception area. → P.92 • When uploading shot still images, added location information may be tracked by third parties. To avoid leaking location information, set to OFF.
	Review pictures	Displays the result as soon as you shoot a photo.
	Quick launch	Launch Camera by quickly pressing  [Power/Screen lock key] twice.
	Storage location*	Select a saving location of shot still image/video. • Continuously shot still images are stored to the internal storage regardless of "Storage location" setting.
	Voice control	Set the voice control function to ON/OFF.
	Floating Camera button	Set whether to add a shutter (for still image shooting) button that you can move anywhere on the screen.
	Hold Camera button to	Set operation (Take picture/Take burst shot/Create GIF) for when you touching and holding the shutter (for still image shooting) button.
	Press Volume key to	Select the operation (Take pictures/Record video/Zoom/System volume) to perform when pressing the Volume UP key/Volume DOWN key.
	Reset settings	Reset camera settings.
	Contact us	You can use Galaxy Members.

* Appears only when microSD card is attached.

3 After setting,

Switching camera mode

1 From the Home screen, "Camera"

2 On the shooting screen, flick left or right

- The displayed items will be different depending on the camera (rear camera/front camera) being used.
- You can change the display of camera modes or layout on the shooting screen in "Edit camera modes".

Item	Description
FOOD	Highlight the fresh color of food to shoot photos.
NIGHT	Shoot brightly clear photos without using the flash even in dark places.
PANORAMA	Shoot panorama photos by tapping the shutter and then move the terminal in the left/right direction. • Slowly move the camera in a direction not to get the white frame out of the white guideline when shooting. • Shooting objects in front of a plain colored wall or in empty space may fail. • The vertical/horizontal size of the displayed panorama may be narrower than still images.
PRO	Manually adjust metering, ISO speed, exposure value, and white balance.
SELFIE	Tap  to adjust shooting effects such as skin color in "Skin", face slimming down in "Face", or emphasizing eyes in "Eyes".
AUTO	Adjust lithographic exposure automatically to optimize color tone and brightness.
AR EMOJI	You can shoot adding AR emoji (stamps) on the shooting screen. • Tap "Create My Emoji" and follow the onscreen instructions to shoot a face to create My Emoji which is based on the shot face. • Up to 5 My Emoji can be created. To create more My Emoji, delete exist My Emoji and then create a new one. To delete My Emoji, swipe the stamp group list left and  → Select My Emoji → Tap "DELETE" → "DELETE".

Item	Description
HIPERLAPSE	Record in various speed and create an original time-lapse video. You can automatically adjust the speed according to scene or terminal movement.
SELFIE FOCUS	You can shoot selfie photo with bokeh effect in the background. • Shoot with the terminal away from your body as far as possible. • Tap  to adjust skin color in "Skin".
SELFIE	Take selfies easily. • Tap  to adjust shooting effects by selecting "Skin", "Face", or "Eyes".
WIDE SELFIE	Allow to shoot many people arranged in horizontal direction in selfie mode by tilting the terminal left or right according to the dotted frame in the left or right appeared when the shutter is tapped.
SPORTS	Shoot quickly moving object more clearly.

Using Bixby Vision

With Bixby Vision, you can use the following features, etc. based on recognized image.

1 From the Home screen, "Camera"

2 On the shooting screen,

- The tutorial of Bixby Vision appears. Confirm the content and follow the on-screen instructions.
- To use all features of Bixby Vision, signing in to Galaxy account is required.

3 Point the camera at an object

4 Tap the scanning mode icon

Item	Description
 (Image)	Search and show images similar to displayed image on the web.
 (Place)	Look around through the camera to search the detail information near the place.
 (QR code)	Scan QR codes.
 (Wine)	Capture a label with the camera, search information such as vintage of wine, matching meal, ranking, etc.
 (Text)	Recognize text and then translate it.
 (Modes)	Edit scanning modes to display on the Bixby Vision screen.

When information corresponding to the mode is scanned, notification ringtone sounds and then scanned information or related information on the web, etc. will be displayed.

- You can save the scanned images, or translate text information that scanned by scanning mode, etc.

Information

- Bixby Vision is available in images in "Gallery" (P.82).
- On Bixby Vision screen, tap  → "Settings" to set for Bixby Vision. To allow Bixby Vision to recognize objects, set target object to ON in "Settings".
- On Bixby Vision screen, tap  to use flashlight.
- When a label of wine is not well recognized, shoot several times from different angles.

Gallery

You can view or organize still images/videos saved to the terminal or microSD card.

Supported file formats for still image are as follows. However, some still images in the following file formats may not be displayable. For compatible codec of video which can be played on the terminal, see "Main specifications" (P.148)

Type	File format
Still images	JPEG, PNG, GIF, BMP, WBMP, WEBP, AGIF, HEIF, DNG

1 From the Home screen, "Gallery"

- A data list screen arranged by shooting date appears.
- You can change display by tapping "PICTURES"/"ALBUMS"/"STORIES".
- Tap  to launch camera and display the function menu of each data list screen.

2 Tap data

- When the icon is not displayed, tap the screen to display it. Displayed icons vary by displayed data.

Item	Description
	Return to the data list screen.
	Bixby Vision is available.
	Add the item to "Favorites".
	Display a function menu for each selected data type.
	Rotate or crop image.
	Add effect on image.
	Add stamp on image.
	Draw on image.
	Share data using online services, etc., send data via Bluetooth or mail attachment.
	Delete data.

Viewing still images

- 1 On the data list screen, tap a still image to display
 - The still image appears.
 - To switch still images, scroll the screen to the left or right.

Playing videos

- 1 On the data list screen, tap a video to play
 - To switch still images, scroll the screen to the left or right.
- 2  Playing starts.

Apps

dmenu

In dmenu, you can easily access sites recommended by DOCOMO or convenient apps.

1 From the Home screen, "dメニュー (dmenu)"

- Browser activates and "dmenu" appears.

Information

- To use dmenu, Internet connection by packet communication (LTE/3G/GSM) or Wi-Fi is required.
- For connecting dmenu and downloading apps introduced by dmenu, a packet communication charge is applied separately. Some downloaded apps automatically perform packet communications.
- Apps introduced by dmenu may include charged ones.

dmarket

Various services including selling digital contents such as music, videos, books, shopping sites, travel reservation sites, etc. are provided.

1 From the Home screen, "dmarket"

Information

- For details on dmarket, refer to the following website.
<https://d.dmkt-sp.jp/common/about/index.html> (In Japanese only)

Play Store

- To use Google Play, you need to set a Google account (P.121).

Installing an app

- 1 From the Home screen, "Play Store"
- 2 Search for an app you want to download, then tap it → Check details
- 3 For free apps, "INSTALL", for charged ones, tap the price → Follow the onscreen instructions
 - When installing is complete,  appears on the status bar.
 - Be very cautious about apps that have access to many functions or a significant amount of data. Once you download an app, you are responsible for the results of using the app on the terminal.

Information

- Once you accept the installation of an app, you will be held responsible for its use. Be very cautious about apps that have access to many functions or a significant amount of data.
- Be sure to check the security of apps, and then install them at your own risk. The terminal may be infected with a virus and the data may be damaged.
- NTT DOCOMO is not liable for any malfunctions or disadvantage brought to you or any third party due to app which you installed and provided by a third party including Google LLC.
- For the app which you installed from Play Store and provided by the third party including Google LLC, contact each provider.
- Some apps automatically perform packet communications. Packet communication keeps active unless you disconnect it or the time-out occurs.
- If you are not satisfied with the purchased app, you can ask for refund within the specified time frame. Note that refund is accepted only once for each app.
- For details on Google Play, on the Play Store screen,  → Tap "Help & feedback".
- For instructions on uninstalling apps, see "Uninstalling apps" (P.48).

Galaxy Apps

You can easily download a lot of recommended apps using Galaxy Apps.

Connecting to Galaxy Apps

- 1 From the Home screen, "apps folder" → "Galaxy Apps"
- 2 Search an app you want to use and download it

Information

- Galaxy Apps may not be available depending on the country or region. For details, refer to the support page in the Galaxy Apps website from PC.

Osaifu-Keitai

The function allows you to use "Osaifu-Keitai compatible service" for payment or coupon by just holding over a store reader.

You can save electronic money and points to an IC card of the terminal and a docomo nano UIM card. Also, you can check balance of electric money and point value on the screen. By locking Osaifu-Keitai functions, you can prevent the terminal from being used without your permission in case of theft or loss.

For details on Osaifu-Keitai, refer to NTT DOCOMO website.

- A setting from the dedicated website or app is required to use Osaifu-Keitai compatible services.
- The data in the IC card *1 and docomo nano UIM card *2 may be lost or altered from malfunction of the terminal (when we repair your Osaifu-Keitai etc., as we cannot repair it with data remained, you are required to erase the data by yourself). For support such as reissue, restoration, temporary preservation or transfer of data, contact Osaifu-Keitai compatible service providers. For important data, be sure to use a service with backup service.
- If you use a docomo nano UIM card of the previous model, to use Osaifu-Keitai compatible services, install and set the app of Osaifu-Keitai compatible service providers.
- If the data in the IC card or docomo nano UIM card is lost, altered or damaged by any means related to Osaifu-Keitai compatible service such as malfunction or model change, DOCOMO is not liable for the loss of data.
- If the terminal is stolen or misplaced, immediately contact DOCOMO or Osaifu-Keitai compatible service provider for an advice such as stopping use of the terminal.

*1 Data saved to IC card in the Osaifu-Keitai compatible device

*2 Data stored on a docomo nano UIM card

Using "Osaifu-Keitai compatible service"

To use Osaifu-Keitai services, set services from Osaifu-Keitai apps.

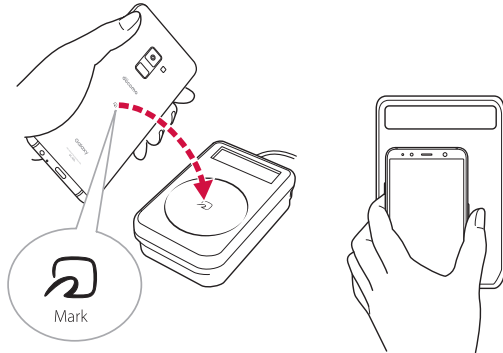
- 1 From the Home screen, "Osaifu-Keitai"
 - When the initial settings is not complete, the initial setting screen appears. Follow the onscreen instructions.
- 2 Tap service you want to use
- 3 Set up the service
 - Set from service app or website.
- 4 Hold  mark over a reader

Information

- You can use Osaifu-Keitai by holding over a reader without activating Osaifu-Keitai compatible app.
- Powering on the terminal is not necessary, but if the terminal remains powered off for a long time or battery is low, the function may not be available for a certain period of time.
- The Osaifu-Keitai compatible app performs communication which is necessary for providing the Osaifu-Keitai service in the background regardless of the setting of "Power saving mode" (P.111) or "Data saver" (P.103), and the packet communication charge may be incurred.
- Depending on your installed Osaifu-Keitai compatible app or its settings, your terminal may not respond even when you hover it over an IC card reader if the screen is locked or if the screen backlight of the terminal is OFF.
- After the power of the terminal is turned on, the terminal is restarted, or software is updated, cancel the screen lock and then hold over a reader to use the Osaifu-Keitai service.
- Note that if you do not subscribe to sp-mode, a part of Osaifu-Keitai services may not available.

Notes on holding over the device

Please note the following when holding the terminal over an IC card reader or NFC module equipped device.



- Bring the  mark close to the device slowly, not strike strongly.
- Hold the  mark over the device at the center horizontally. If scanning fails even with it held in front of the center of the scanner, slightly lift up the terminal, or move it backwards/forwards or to the left/right.
- When there is a metal object between the  mark and the device, reading may fail. Note that putting the terminal into a case or cover may affect communication performance, take it out from case or cover.

Locking Osaifu-Keitai function

Use "NFC/Osaifu-Keitai Lock" to restrict Osaifu-Keitai function or the services. NFC/Osaifu-Keitai lock is different from the screen lock and SIM card lock.

1 From the Home screen, "Osaifu-Keitai"

2 → "NFC/Osaifu-Keitai Lock" → → Enter the password → "OK"

- Setting password is required for the first activation. Follow the onscreen instructions to set password.
- To unlock,  → "NFC/Osaifu-Keitai Lock" →  → Enter the password → Tap "OK"

Information

- When using "NFC/Osaifu-Keitai Lock",  or  appears on the status bar.
- Be careful about remaining battery level because "NFC/Osaifu-Keitai Lock settings" cannot be canceled if the battery runs out while using "NFC/Osaifu-Keitai Lock". If the battery runs out, charge the battery and then cancel "NFC/Osaifu-Keitai Lock".
- To use Osaifu-Keitai menu while using "NFC/Osaifu-Keitai Lock", unlock "NFC/Osaifu-Keitai Lock".
- A password for NFC/Osaifu-Keitai cannot be deleted even if the terminal is reset.
- When unlocking "NFC/Osaifu-Keitai Lock", insert the same docomo nano UIM card as the one inserted when "NFC/Osaifu-Keitai Lock" was set, then unlock.

Tap & Pay

Enable or disable the setting of the service available by holding the terminal over the IC card reader, such as Osaifu-Keitai service.

- For the details of Tap & Pay, refer to Help.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "NFC/Osaifu-Keitai settings"

2 "Tap & Pay"

- To show Help, from Tap & Pay screen, tap  → "Help".

iDアプリ (iD app)

"iD" is electric money provided by DOCOMO. You can enjoy shopping simply and conveniently only by holding Osaifu-Keitai set with "iD" over the IC card reader in stores. Since multiple card information can be set, you can use them separately according to the benefits, etc.

- To use iD with Osaifu-Keitai, setting iD app is required.
- The charges required for iD service (including the annual charge) vary by card issuer.
- Setting up the iD app or checking its information overseas will incur packet communication charges that are different from those in Japan.
- For details on iD, refer to iD website (<https://id-credit.com/>) (In Japanese only).

1Seg

1Seg is a digital terrestrial TV broadcasting service for mobile devices that allows you to receive data programs along with video and audio. Also, interactive service using communication function of mobile devices and receiving detailed information are available. For details on 1Seg service, refer to the website below. The Association for Promotion of Advanced Broadcasting Services <http://www.apab.or.jp/en/>

Notes on using 1Seg

1Seg is a service provided by TV broadcast companies (broadcast stations). Receiving video and audio is free. For more information about NHK reception fees, contact NHK. The data broadcast area displays two types of information: "Data broadcasting" and "data broadcasting web site". "Data broadcasting" information is carried in a broadcast wave, together with image and sound. "Data broadcasting website" information is used to access sites provided by the TV broadcaster (broadcast station). Packet communication charges are incurred when accessing a site such as a "data broadcasting web site" or others. Some sites require information charges to be used.

Airwaves

1Seg is a broadcast service and a different type of radio waves (airwaves) from that of LTE service or FOMA service is received. For this reason, the signal cannot be received at places where the broadcast does not reach or while broadcasting is out of service, regardless of whether the terminal is outside or inside the LTE/FOMA service area.

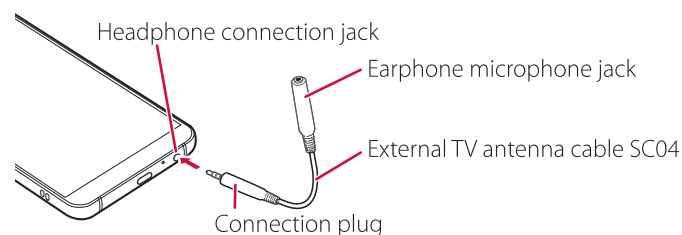
Even in areas where the terrestrial digital TV broadcasting service is available, you may have poor or no reception in the following places:

- Place far away from a tower that transmits airwaves
- Places where the signal is disrupted due to the landscaper or structures such as mountain areas or behind buildings
- Places where the signal is weak or does not reach, such as tunnels, basements, or places inside buildings

Changing the direction of included External TV antenna cable SC04 or moving to other location may improve signal reception.

External TV antenna cable SC04

To watch 1Seg, connect the supplied External TV antenna cable SC04 to the terminal.



- 1 Connect the connection plug of External TV antenna cable SC04 to the headphone connection jack of the terminal

Watching 1Seg

- 1 From the Home screen, "apps folder" → "TV"
 - When the first activation or if the channel area is not registered, follow the onscreen instructions to set channel area (P.91).

Information

- According to the air wave status, the images and sounds may be interrupted.

Watching screen



- ① **Menu**
 - Tap a TV image to display  (menu) and also channel information and the channel remote control are displayed in the lower screen.
- ② **TV image**
 - Flick left or right to switch channels.
- ③ **Subtitle**
 - To display subtitle,  → Tap "Display subtitles" to ON.
- ④ **Data broadcasting**
 - To operate data broadcasting items, tap the screen and then tap the operation icon displayed below the data broadcasting area.
 -  /  : Move the cursor to each item of data broadcasting.
 -  : Move to information page for the item which the cursor is moved to.
 -  : Return to the data broadcasting screen from moved page.
- ⑤ **Channel information**
 - Channel name and program title are shown.
- ⑥ **Start of recording**
 - Record a TV program.
- ⑦ **Channel list**
 - Display the channel list and touch and hold a channel to register/overwrite the currently viewing channel, or remove a channel from a list.
- ⑧ **TV operation panel**
 - Channel can be switched with  / .

Information

- When the screen is turned to horizontal, it changes to full screen display. In horizontal screen, broadcast data is not displayed. Tap the screen to display menu, channel information, and channel remote control.

■ Key operations on watching screen

- Adjust with Volume UP key/Volume DOWN key.

TV link

Link information to related site may be appeared in some broadcast data, Register TV link to show the related website.

Registering TV link

- 1 Operate broadcast data and select an item to register to TV link
 - The registration method of TV links varies depending on each program.

Information

- TV links may not be registered depending on each link.

Displaying TV links

- 1 Tap a TV image →  → "TV link"
A list of registered TV links appears.
- 2 Select a TV link → "YES"
 - Connect to the registered website.

Deleting a TV link

- 1 Tap a TV image →  → "TV link"
- 2 Touch and hold a TV link
- 3 "Delete" → "YES"

Recording 1Seg

- 1 On the watching screen, 
 - While recording,  REC appears.
 - To stop recording, tap  → "Stop recording".

Information

- According to the air wave status, the images and sounds may be interrupted.
- While recording, channel cannot be changed.
- If you activate any other apps while recording, the program may not be recorded correctly.

Playing recorded programs

- 1 Tap a TV image →  → "Recorded program list"
The recorded program list screen appears.

2 Tap a program to play

Information

- To delete recorded program, touch and hold a program in the recorded program list screen  → "YES".
- To change a title of recorded program, touch and hold a program in the recorded program list screen →  → Rename the title and then tap "OK".
- You can set play mode, display remaining memory, or rearrange by tapping  in the recorded program list.

Scheduling to record or watch 1 Seg

- 1 Tap a TV image →  → "Reserve Recording/Viewing"
- 2  → "New reservation"
- 3 "From Program guide"/"Viewing reservation"/"Recording reservation"
- 4 Set each item → "SAVE" → "YES"

Information

- When you reserve recording by tapping a TV image →  → "Program guide", follow the onscreen instruction.

Checking reservation

- 1 Tap a TV image →  → "Reserve Recording/Viewing"
- 2 Select a reservation item
 -  : Recording schedule
 -  : Viewing schedule
 - In the reservation list, touch and hold a reservation → Tap [Edit] to edit a reservation.
 - In the reservation list, touch and hold a reservation → Tap [Delete] to delete a reservation.

Checking failed reservations

- 1 Tap a TV image →  → "Reserve Recording/Viewing"  → "Failed Reservation List"
- 2 Tap a reservation result item
 - In the failed reservation list, touch and hold a reservation result → Tap [Delete] → [YES] to delete a reservation result.

Setting 1 Seg

- 1 Tap a TV image →  → "Settings"
- 2 Set required items

Item	Description
Data Broadcasting settings	Make each setting when broadcast data is displayed (Use location info, User device info, Delete station memory).
Auto Exit Timer	Set a time until TV turns off (OFF, 10min./30min./60min./90min./120min.).
Notes	Display notes for using TV app.
Software License	Display software license.

Setting subtitle display

- 1 Tap a TV image →  → Tap "Subtitle display" to set ON/OFF

Setting channels

- 1 Tap a TV image →  → "Change area"
- 2 Touch and hold unregistered item → "Area info setting" → Select area, prefecture and locality
Scan channels to display a channel list.
- 3 "OK"

Switching the channel list

- 1 Tap a TV image →  → "Change area" → Select a channel list
 -  is displayed at the right on the currently used channel list.

GPS/Navigation

Enabling location information

If you use an app that uses location information, you need to enable GPS function in advance.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Location"

2  → "AGREE"

3 "Locating method" → Select a detection method

Item	Description
High accuracy	Uses GPS, Wi-Fi and mobile network to identify the current location. Although current location can be detected more accurately, the terminal consumes much power of battery.
Battery saving	Uses Wi-Fi and mobile networks to identify current location.
Phone only	Uses GPS to identify current location.

Using the GPS function

- DOCOMO is not liable for any damage caused by abnormality of the system.
- Note that DOCOMO shall have no liabilities for any purely economic loss including those due to missing a chance to check the measurement (communication) results because of external factors (including the running out of the battery), such as a failure, malfunction, or any other problems of the terminal or the power failure.
- You cannot use the terminal as a navigation system for aircraft, vehicles, persons, etc. For this reason, note that DOCOMO is not liable for losses incurred by navigation performed by using location information.
- You cannot use the terminal as a high-accuracy measurement GPS. Note that DOCOMO shall have no liabilities whatsoever even if you suffer damage or loss due to a deviation of the location information.
- GPS is a service operated by the USA Department of Defense, so the GPS radio wave condition may be controlled (accuracy degraded, radio wave suspended, etc.) for reasons of US national security. And, wave conditions differ by satellite locations; therefore, positioning operations in the same location under the same environmental conditions may not yield the same result.
- Wireless communications products (mobile phone or data detector, etc.) may intercept satellite signal and signal reception may not be stable.
- The displayed map based on the acquired location information (latitude and longitude information) may be inaccurate because of the legal system in each country and area.

■ Where radio waves are difficult to receive

Note that radio waves may not be received or it may be difficult to receive radio waves in the following conditions, since GPS uses radio waves from a satellite.

- Inside or immediately under a building
- Inside a basement or tunnel, and below the ground or water
- Inside a bag or box
- In buildings-clustered or residential area
- Inside or under a thick covering of trees
- Near a high-voltage cable
- In a car, inside a train compartment
- Bad weather such as heavy rain or snow
- When there are obstructions (people or objects) near the terminal

Using Google Maps

By using Google Maps, you can search for the current location or other locations, or obtain guide information to destination.

- To use Google Maps, enable data connection (4G/3G/GSM) or connect to Wi-Fi.
- Google Maps does not cover the whole world or region.

Opening Google Maps

- 1 From the Home screen, "Google" → "Maps"
 - When the message screen appears, follow the onscreen instructions.
- 2 Enter area name etc. in the search box

Searching direction by Google Maps

Use the "Directions" function of Google Maps to search the route by car, by train or on foot.

- 1 From the Home screen, "Google" → "Maps"
- 2  → Tap the transportation ( /  / ) icon
- 3 Enter a place name, etc. in the search box above
- 4 Enter a place name, etc. in the search box below
- 5 Tap a route

Searching spots in the area

You can search stores and facilities around the current location using Google Maps.

- 1 From the Home screen, "Google" → "Maps"
- 2 Tap the search box → After that, follow the onscreen instructions

Clock

You can use Alarm, World Clock, Stopwatch or Timer.

- 1 From the Home screen, "apps folder" → "Clock"
- 2 Tap a tab at the top of the screen
 - Tapping switches screen of each function.

Using Alarm

- 1 On the "ALARM" screen,  → Set each item → "SAVE"
 - Tap the number of hour/minute to display 3x4 keyboard.
- 2 To stop alarm, drag  out of the displayed circle
 - If "Alarm" screen appears, tap "DISMISS".
 - When snooze is set, tap "SNOOZE" and alarm sounds again every five minutes.

Information

- Snooze is a function which stops the alarm and sets it to ring again at a short time later.
- To delete registered alarm, on the "ALARM" screen, touch and hold an alarm to delete → Tap "DELETE".
- To set registered alarm to OFF, tap  to .

Using World clock

You can check a list of the date and time of the registered cities.

- 1 On the "WORLD CLOCK" screen,  → Tap a displayed city on the map → "ADD"
 - To register city based on the current location,  → Tap a city.

Information

- If you enter the city name or country name in the search box that you want to search on the "ADD CITY" screen, you can search via city/country name.
- To delete registered city, on the "WORLD CLOCK" screen, touch and hold the city to delete → Tap "DELETE".
- Tap  to use time zone converter.

Using Stopwatch

- 1 On the "Stopwatch" screen, "START"
 - Measurement starts.
 - To measure the lap time, tap "RESET".
- 2 To stop the measurement, "STOP"
 - To restart the measurement, tap "RESUME" and tap "RESET" to remeasure.

Using Timer

- 1 Set Hours, Minutes, Seconds on the "TIMER" screen
 - Tap the number of hour/minute/second to display 3x4 keyboard.
- 2 "START"
 - The timer starts.
- 3 To stop time-up notification sound, drag  out of the displayed circle
 - If "Time's up" screen appears, tap "DISMISS".
 - On the "Time's up" screen, tap "RESTART" to restart the timer in the same setting.

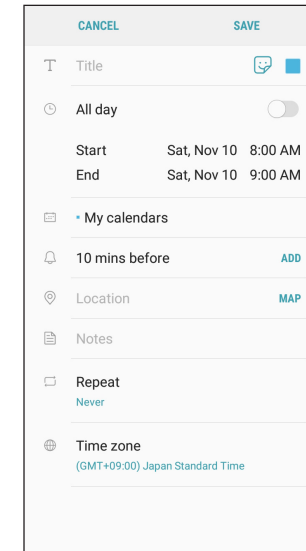
Information

- You can display a preset time on the TIMER screen by tapping .

Calendar

Display Calendar to register event and task. Set up a Google account to synchronize with Google calendar.

- 1 From the Home screen, "apps folder" → "Calendar"
- 2 



Add event screen

- 3 Set items → "SAVE"

Galaxy Notes

You can create notes by entering texts and drawing pictures. Add photos or pictures to notes, also save recorded sound in notes.

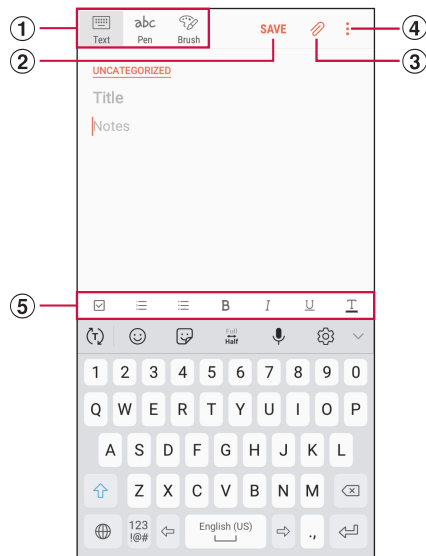
Creating a note

1 From the Home screen, "apps folder" → "Galaxy Notes"

2 

3 Create a note → "SAVE"

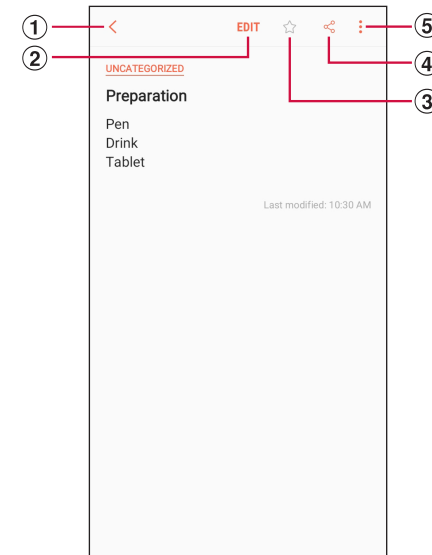
■ Edit screen



Edit screen

- ① **Tool bar**
 - Select the way to create notes or brush to use.
 - The menu corresponding to selected item is displayed under the screen.
- ② **SAVE**
 - Save the current note, and return to the display screen.
 - When you tap the display screen, you can edit again.
- ③ **Add a file**
 - Attach the image data or sound data.
- ④ **Menu**
 - Show or hide rich text menu.
- ⑤ **Rich text menu**

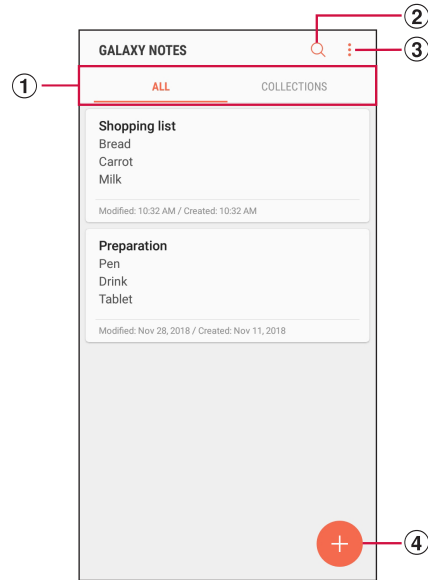
■ Display screen



Display screen

- ① Display a list screen
- ② Edit a note
- ③ Add to favorites
- ④ Share the displayed screen
- ⑤ Display menu

■ List screen



List screen

- ① Change display type of notes
- ② Search within a note
- ③ Display menu of note
- ④ Create a note

Voice Recorder

Recording voice sound

- 1 From the Home screen, "apps folder" → "Voice Recorder"
- 2 
 - Recording starts.
 - When you select "SPEECH-TO-TEXT" tab and perform recording, speech-to-text conversion information appears. Up to 10 minutes of voice-recording can be converted to text.
- 3 
 - Recording stops. Enter a file name and tap "SAVE" to save the recorded content.

Playing voice sound

- 1 From the Home screen, "apps folder" → "Voice Recorder"
- 2 "LIST"
 - A recorded data list screen appears.
- 3 Tap data you want to play
 - Playing starts.

Menu of Voice Recorder

When you tap  on the recorded data list screen/playback screen, the items will be displayed. Follow the onscreen instructions.

Calculator

You can perform four arithmetic operations (+, −, ×, ÷), percent, calculus, functional calculus, etc.

- 1 From the Home screen, "apps folder" → "Calculator"
 - When the Auto rotate is ON, turning the terminal sideways switches to the alpha calculator. Alternatively, when the Auto rotate is OFF, tap  to switch to the alpha calculator.
 - Tap  to use unit converter.

docomo Data Copy

With "docomo Data Copy", you can copy the data saved in the terminal to another terminal, or back up/restore the data. Use this app for transferring data when you change the model, or backing up your important data at regular intervals.

- Depending on the OS and file type, you may not be able to correctly copy, backup, or restore data.

Data transfer

You can copy your data such as phonebook, images, etc. to another terminal with one-to-one direct communication, not using the Internet. Activate "Data Copy" of both the source terminal and the destination terminal, and line them up before use.

1 From the Home screen, "apps folder" → "Data Copy" → "Data transfer"

- Follow the onscreen instructions.
- Installing this app is required for both the source terminal and the destination terminal. Available to download from NTT DOCOMO website, if it is not installed yet.
- Communication methods vary depending on the use of devices or OS version.
- For details about compatibility or information, see NTT DOCOMO website.

Backing up to/restoring from microSD card

You can transfer or back up or restore the data such as phonebook entries or images using a microSD card.

- Do not remove the microSD card from the terminal or turn off the terminal during backup or restoration. Data may be damaged.
- Some items may be changed or deleted when the other terminal's data such as phonebook entries (phone number etc.) differ from the terminal. Available characters in phonebook may vary depending on each terminal, some may be deleted.
- Phonebook data available to back up is phonebook saved in docomo account and the terminal.
- When backing up phonebook entries to microSD card, data without a name registered cannot be copied.

- When available memory space of microSD card is not enough, backup may not be executed. In such case, delete unnecessary files from the microSD card to save the memory space.
- When the remaining battery gets low, backup or restoration may not be executed. In such case, charge the battery of the terminal and then back up or restore.
- With this app, image data only stored on the terminal can be backed up. Data stored in microSD card cannot be backed up.

Backing up data

Back up data such as phonebook entries, media files, etc. a microSD card.

1 From the Home screen, "apps folder" → "Data Copy" → "Backup & Restore"

2 "Backup" → Mark data to back up → "Start backup" → "BACKUP"

- Selected data is saved to a microSD card.

3 "Back to top"

Restoring

Restore the data such as phonebook entries or media files backed up to the microSD card to the terminal.

1 From the Home screen, "apps folder" → "Data Copy" → "Backup & Restore"

2 "Restore" → "Select" of data type to be restored → Mark data to restore → "Select"

3 Select restoration method → "Start restore" → "RESTORE"

- Selecting restore method is not required depending on the data type.
- Selected data is restored to the terminal.

4 "Back to top"

- When the periodical backing schedule is not set, "Set a backup schedule" appears. Follow the onscreen instructions.

Copying phonebook data to docomo account

You can copy the contacts data in your Google account or terminal to the docomo account.

- 1 From the Home screen, "apps folder" → "Data Copy" → "Backup & Restore"
- 2 "Phonebook account copy" → "Select" on the phonebook entry to be copied → "OVERWRITE"/"ADD"
 - The copied contacts are saved to your docomo account.
- 3 "OK"

Backing up to/restoring from Data saving BOX

You can transfer or back up/restore call logs, music, etc. using データ保管BOX (Data saving BOX).

- 1 From the Home screen, "apps folder" → "Data Copy" →  → "Backup/Restore to Cloud"
- 2 "Backup" or "Restore"
 - Follow the onscreen instructions.
 - If you do not sign in to docomo cloud, the confirmation screen appears.

Information

- The periodical backup may not be executed at the specified time while the screen lock is set or power saving mode is enabled. In the case, the backup will be executed when the activation is possible next time.
- Note that a packet communication charge may be high, if you set Periodical backup of Data saving BOX.

YouTube

YouTube is a free online video streaming service. You can view or post video.

Playing video

- 1 From the Home screen, "Google" → "YouTube"
- 2 Tap a video you want to play
 - Video is played.

Dictionary

Use dictionaries to search for words and phrases.

You can use this terminal to download dictionary data.

- 1 From the Home screen, "apps folder" → "Dictionary"
 - Since the dictionary data downloading/installation screen appears when the app is initially started up, tick the dictionaries which are to be downloaded, and tap "Download". From here on, follow the onscreen instructions. A Wi-Fi environment is required for downloading dictionary data.

S Health

Support your health by recording the amount of calories you spend and you take, exercises to manage weight using items such as "TRACK" of steps, "Target", "Programs" for warming up or running, etc.

- To backup data to the server, you need a Galaxy Account. If the setting screen of Galaxy Account appears, follow the onscreen instructions and make settings before using.

1 From the Home screen, "apps folder" → "S Health"

- S HEALTH screen appears.

2 Tap an item

Information

- For details on S Health, on the S HEALTH screen, tap  → "Contact us".

S Voice

Operate each terminal function such as sending SMS, creating memo by voice input.

Before using S Voice

To enhance the voice recognition, take care of the following points.

- Speak clearly against the terminal.
- Use in quiet place.
- Avoid using slang, dialect, etc.

Using S Voice

1 From the Home screen, "apps folder" → "S Voice"

- S Voice screen appears.
- If VOICE RECOGNITION LEGAL INFO appears, confirm the content, follow the onscreen instructions.

2 Speak to the terminal

- When the app answers/displays "I didn't catch you said. Please tell me again", etc., tap  and then speak to the terminal again.

Information

- For instructions on how to input S Voice, tap  on the S Voice screen.

Settings

Setting menu

You can set various items such as screen brightness, screen view, ringtone, communication, etc.

1 From the Home screen, "apps folder" → "Settings"

2 Select a menu item and make settings

Item	Description
Connections	→ P.100
Sounds and vibration	→ P.106
Notifications	→ P.108
Display	→ P.109
Wallpapers and themes	→ P.110
Advanced features	→ P.31
Device maintenance	→ P.110
Apps	→ P.112
Lock screen	→ P.113
Biometrics and security	→ P.114
Cloud and accounts	→ P.120
docomo service/cloud	→ P.122
Google	→ P.123
Accessibility	→ P.123
General management	→ P.125
Software update	→ P.127
About phone	→ P.127

Information

- Tap  and enter keyword that you want to search in the search box to search in the settings and check the setting contents.
- Suggested setting may be displayed above the "Connections" depending on the condition of usage of the terminal.

Connections

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Bluetooth"

2 Select an item and to set

Item	Description
Wi-Fi	→ P.100
Bluetooth	→ P.130
Data usage	→ P.103
Airplane mode	→ P.103
NFC/Osaifu-Keitai settings	→ P.103
Tethering	→ P.104
Mobile networks	→ P.105
Location	→ P.92
More connection settings	→ P.105

Wi-Fi

You can use Wi-Fi function of the terminal to connect to wireless access point of your home or company network. Also, you can connect to Public wireless LAN service access point to use mails and Internet.

■ Reception interference caused by Bluetooth

The terminal's Bluetooth function and wireless LAN devices use the same frequency band (2.4 GHz). If you use a wireless LAN device and Bluetooth function nearby, reception interference may occur or the communications speed may lower. Also, you may hear noise or have a connection problem. In these cases, do the following:

1. Keep the wireless LAN device over approximately 20 m away from a Bluetooth device.
2. Within approximately 20 m, turn off the Bluetooth device.

Information

- You can use packet communication even when the Wi-Fi function is ON. However, Wi-Fi connection takes precedence over the packet communication while the terminal is connected to Wi-Fi network. When the terminal is disconnected from Wi-Fi network, connection switches to 4G/3G/GSM network automatically. Be careful that when you use the terminal while the connection is switched, packet communication charge will be applied.

- Connect to a Wi-Fi network that requires user authentication, and if the user authentication is unestablished when  is displayed, communications may be carried out not by Wi-Fi, but rather via a mobile network.

To perform Wi-Fi communications via these kinds of access points, set the "Turn on Wi-Fi automatically" to OFF when making connections with access points.

- To use docomo services via Wi-Fi, setting up of d ACCOUNT is required. From the Home screen, "apps folder" → "Settings" → "docomo service/cloud" → "d ACCOUNT setting"

■ Enabling Wi-Fi and connecting to network

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"



- Scanning available Wi-Fi networks starts automatically and a list is displayed.

- 3 Tap a Wi-Fi network you want to connect → "CONNECT"

- To connect to a Wi-Fi network protected by security, enter a password (security key) and tap "CONNECT".
- You can use WPS (Wi-Fi Protected Setup) to connect to Wi-Fi network if it is compatible with WPS. On the Wi-Fi network list,  → "Advanced" → "VIEW MORE" → "WPS push button"/"WPS PIN entry" → Operate on an access point.
- If "Auto reconnect" is marked, the network is automatically connected when Wi-Fi is enabled.

Information

- The Wi-Fi network password (security key) is automatically saved when connection is established so that you do not need to enter it next time.

■ Deleting connection of Wi-Fi network

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

- 2 Tap a connected Wi-Fi network → "FORGET"

■ Setting Wi-Fi access point

- For information necessary for connection, refer to user manual of wireless LAN access point you use. For connecting to company LAN or using Public wireless LAN service, ask a network administrator or service provider about the required information for connecting.
- When the wireless LAN access point is set for connecting only to the MAC address registered device, register the MAC address of the terminal to the wireless LAN access point. To check MAC address, from the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi" →  → "Advanced" → "VIEW MORE" and then see "MAC address".

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

- 2 "Add network"

- 3 Enter the network name → Set the security

- The possible certificate method is "WEP", "WPA/WPA2/FT PSK", "802.1x EAP".

- 4 Enter a password → "CONNECT"

- If you set Security to "None", entering password is not needed.

■ Setting to turn on Wi-Fi automatically

Set to turn on Wi-Fi automatically in a place where you frequently use Wi-Fi.

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

- 2  → "Advanced"

- 3 "Turn on Wi-Fi automatically"

Information

- When Wi-Fi connection is disconnected with the access point (such as memory card with embedded wireless LAN which does not connect to Internet) while "Turn on Wi-Fi automatically" is ON, set "Turn on Wi-Fi automatically" to OFF.

■ Managing network

Display saved networks.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

2  → "Advanced"

3 "Manage networks"

■ Connecting to Wi-Fi access point compatible with Hotspot 2.0 automatically

Set whether to automatically connect to Wi-Fi access point compatible with Hotspot 2.0 within the area without setting the Wi-Fi access point.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

2  → "Advanced"

3 "VIEW MORE" → "Hotspot 2.0"

■ Installing a network certificate

Install a network certificate.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

2  → "Advanced"

3 "VIEW MORE" → "Install network certificates"

■ Using static IP address

You can set the terminal to connect to Wi-Fi network using the static IP address.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

2 Tap Wi-Fi network to connect → Mark "Show advanced options"

3 Tap "IP settings" field → "Static"

4 Set required items

- For using static IP address, enter the following items.
 - IP address
 - Gateway
 - Network prefix length
 - DNS 1/DNS 2

- When setting proxy is required, select "Manual"/"Auto-config" and follow the onscreen instructions.

5 "CONNECT"

■ Using Wi-Fi Direct

You can exchange data by connecting Wi-Fi Direct compatible devices.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

2 "Wi-Fi Direct"

3 Tap a detected device name

- When the connection is accepted on the searched device, the terminal will be connected via Wi-Fi Direct and  appears on the status bar.

■ Disconnecting Wi-Fi Direct

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Wi-Fi"

2 "Wi-Fi Direct"

3 Tap a device name to disconnect

Data usage

Enable/disable mobile data communication or set upper limit of data communication. Also set a period of time for measuring amount of communications.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Data usage"

- The data usage screen is displayed.
- Set "Mobile data" to ON to enable Internet access via mobile networks.
- Tap "Mobile data usage" to display the estimated amount of mobile data usage for a period and for each app. Tap  to set the limit and warning of mobile data communication usage. To set the limit, set "Set data limit" to ON.

Limiting background data communication

From the data usage screen, tap "Data saver" →  to restrict mobile data communication automatically made by apps.

Tap "Allow app while Data saver on" to restrict usage of mobile data of Individual apps.

Displaying status of Wi-Fi use

Tap "Wi-Fi data usage" on the data usage screen to display the estimated amount of Wi-Fi data usage for a period and for each app.

Restricting use of Wi-Fi network for using Wi-Fi tethering

Tap "Restrict networks" to prevent background apps from using specified Wi-Fi network.

Information

- Displayed data usage volume is an estimate. It may be different from the actual one. You can check your data usage volume at My docomo.
- Note that when data usage reaches to specified limit, mobile data communication will be stopped temporarily. To resume the mobile data communication, on the pop-up screen of "Mobile data turned off", tap "TURN ON MOBILE DATA", or change the setting value of the data usage limit.

Airplane mode

Disable all wireless connections.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Airplane mode"

2

Information

- Alternatively, tap "Airplane mode" on the notification panel to switch the setting.
- If you enable "Airplane mode", Wi-Fi, Bluetooth, and functions of the NFC such as reader/writer, P2P, etc. are turned OFF. However, you can turn them ON again during Airplane mode.

NFC/Osaifu-Keitai settings

Lock Osaifu-Keitai function, or make settings so that you permit/deny sending/receiving of a content/file etc. via Reader/Writer, P2P function.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "NFC/Osaifu-Keitai settings"

2 Tap an item to set

Item	Description
NFC/Osaifu-Keitai Lock	Lock NFC/Osaifu-Keitai function.
Reader/Writer, P2P	Set whether to permit exchange of data when putting the terminal close to the other device with NFC module built-in or Reader/Writer, P2P function installed. → P.131
Android Beam	Set whether to permit to send/receive web page links or contents of contacts to/from other device with P2P function installed. • Enable "Reader/Writer, P2P" before using.
Tap & Pay	Enable or disable the setting of the service available by holding the terminal over the IC card reader, such as Osaifu-Keitai service. → P.87

Using tethering

Tethering is generally a function which uses a mobile device such as smart phone, etc. as modem to connect wireless LAN devices, USB compatible devices and Bluetooth compatible devices to Internet.

- Up to 10 devices can be connected using Wi-Fi tethering at one time, 1 device can be connected using USB tethering, and up to 3 devices can be connected using Bluetooth tethering. Also, when you use Wi-Fi tethering, USB tethering and Bluetooth tethering at a same time, 14 devices in total can be connected.
- When using tethering, subscribing to a packet pack or packet flat-rate service is highly recommended.

■ Setting Wi-Fi tethering

You can use your terminal as an Internet access point and connect at most 10 wireless LAN devices to Internet.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Tethering" → "Wi-Fi tethering"

2 

- After the note is displayed, confirm the content and tap "OK".
- If an explanation of Wi-Fi sharing is displayed, confirm the content and follow the onscreen instructions.

■ Setting access point for Wi-Fi tethering

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Tethering" → "Wi-Fi tethering"

2 

- If an explanation of Wi-Fi sharing is displayed, confirm the content and follow the onscreen instructions.

3  → "Configure Wi-Fi tethering"

4 Tap "Network name" field → Input the network name
• "AndroidAP" is set in advance.

5 Tap "Security" field
• Select a proper setting from "Open" and "WPA2 PSK".

6 Tap "Password" field → Enter password
• Password is not required if you set "Open" in "Security".

7 "SAVE"

Information

- "WPA2 PSK" is set by default.
- While connected via Wi-Fi tethering, on the Wi-Fi tethering screen,  → "Configure Wi-Fi tethering" → Mark "Hide my device" → Tap "SAVE" to disconnect the connected wireless LAN device.
- When "Hide my device" is marked, the terminal cannot be scanned. When you connect from the other device, confirm the information displayed in "CONNECTING FROM OTHER DEVICES" on the Wi-Fi tethering screen, and then set the Wi-Fi access point manually.
- When connected via Wi-Fi tethering, on the Wi-Fi tethering screen, tap  → "WPS push button" to connect by pressing WPS button on connected device. Also, on the Wi-Fi tethering screen, tap  → "Timeout settings" to turn off Wi-Fi tethering automatically when there is no connected device for specified time.

■ Setting Bluetooth Tethering

You can connect up to 3 Bluetooth devices to the Internet at one time, using the terminal as an Internet access point.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Tethering" → "Bluetooth tethering"

2 

Information

- To use Bluetooth tethering, this terminal needs to be detectable. For details, refer to "Enabling Bluetooth function and making your terminal detectable" (P.130).

■ Setting USB tethering

You can connect to the Internet by connecting the terminal to a PC via a USB cable A to C 01 (sold separately).

1 Insert Type-C plug of USB cable A to C into the USB Type-C jack of the terminal
• For connecting method, see "Connecting with USB cable A to C" (P.132).

2 Insert USB plug of the USB cable A to C plug into a PC USB port

3 From the Home screen, "apps folder" → "Settings" → "Connections" → "Tethering"

4 "USB tethering"

Information

- During USB tethering, you can't look inside this terminal and microSD card from connected PC.
- Operating environments for USB tethering are as follows. DOCOMO is not liable for the operation after upgrading/adding/changing OS.
 - Windows 7
 - Windows 8.1
 - Windows 10

Setting access point

Access point for connecting the Internet (sp-mode) is already registered. You can add or change it if necessary.

For details on sp-mode, refer to NTT DOCOMO website.

<https://www.nttdocomo.co.jp/service/spmode/> (In Japanese only)

When using mopera U or Business mopera Internet, add access point manually.

For details on mopera U, refer to mopera U website.

<https://www.mopera.net/> (In Japanese only)

■ Checking the access point in use

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Mobile networks" → "Access Point Names"

■ Setting an access point additionally

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Mobile networks" → "Access Point Names" → "ADD"
- 2 "Name" → Enter a name of network profile to create → "OK"
- 3 "APN" → Enter the access point name → "OK"
- 4 Enter the other items required by the network operator
 - Do not change "MCC" and "MNC" other than 440 and 10, respectively. If they are changed, they are not displayed on the screen.
- 5 ⋮ → "Save"

Information

- When you changed settings of MCC or MNC and access points are not displayed, initialize the access point or set an access point manually.

■ Initializing an access point

By initializing an access point, the default state is restored.

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Mobile networks" → "Access Point Names"
- 2 ⋮ → "Reset to default" → "RESET"

Download booster

Set to allow Wi-Fi and LTE network to use in parallel to download a file of large volume (30 MB or more) quickly.

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "More connection settings" → "Download booster"
- 2 

Connecting to VPN (Virtual Private Network)

VPN (Virtual Private Network) is a technology to connect to the information in a protected local network from another network. Generally, VPNs are provided to companies, schools and other facilities. A user can access to the information in the local network from outside of the premises.

- To set up a VPN access from the terminal, you need to retrieve the information related to security from your network administrator.

■ Adding a VPN

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "More connection settings" → "VPN"
- 2 "ADD VPN"
 - If an attention screen appears, tap "OK" and set the screen unlock method following the onscreen instructions.

To edit VPN

Tap  of VPN to edit → Set each item → Tap "SAVE"

To delete VPN

Tap  of VPN to delete → Tap "DELETE"
- 3 Follow the instruction of the network administrator to set required items of VPN settings
- 4 "SAVE"

■ Connecting to a VPN

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "More connection settings" → "VPN"
- 2 Tap a VPN you want to connect to
- 3 Enter necessary authentication information → "CONNECT"
 -  appears on the status bar.

■ Disconnecting VPN

- 1 Open the Notification panel → Tap the VPN connecting notification
- 2 "DISCONNECT"

Sounds and vibration

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration"
- 2 Select an item and to set

Item	Description
Sound mode	Select from Sound, Vibrate, or Mute. → P.107
Vibrate while ringing	Set whether to vibrate while ringing. • It is available when Silent mode (Vibrate, Mute) is not set.
Use Volume keys for media	Set whether to adjust media volume with Volume UP key/Volume DOWN key.
Volume	→ P.107
Vibration intensity	Adjust intensity of vibration for incoming call, notifications, etc.
Ringtone	→ P.107
Vibration pattern	→ P.107
Notification sounds	→ P.107
Do not disturb	→ P.108
Touch sounds	→ P.108
Screen lock sounds	→ P.108
GPS notifications	→ P.108
Charging sound	→ P.108
Vibration feedback	Set whether to vibrate the terminal when specified operation is performed, such as tapping ← [Back button] or ≡ [History button]. → P.108
Dialing keypad tones	→ P.108
Keyboard sound	→ P.108
Keyboard vibration	→ P.108
Sound quality and effects	Customize sound quality to suite your preferences or set sound effect.

Setting Silent mode

If Silent mode is set to "Vibrate"/"Mute", incoming call ringtones and notification sounds no longer ring.

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration" → "Sound mode"
- 2 "Vibrate"/"Mute"

Information

- If you change "Ringtone" (P.107) of "Volume" when Silent mode (Vibrate, Mute) is set to "Vibrate"/"Mute", Silent mode (Vibrate, Mute) is canceled.
- When Silent mode (Vibrate, Mute) is set to "Mute", tap "Temporary mute" to set how long to keep your phone muted before returning to "Sound"/"Vibrate" mode.
- Even in Silent mode (Vibrate, Mute), sounds (video sound, music, shutter sound, etc.) except ringtone and each notification are not muted.

Adjusting volumes

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration" → "Volume"
 - A volume bar appears.

Item	Description
Ringtone	Adjust ringtone for incoming call.
Media	Adjust playback sound of Music Player etc.
Notifications	Adjust notification sound for incoming notification (P.38).
System	Adjust sound for touch operation, ON/OFF sound for screen lock/unlock, GPS enabling.

- 2 Drag  of each sound volume left or right

■ Adjusting volumes with Volume UP key/Volume DOWN key

- 1 Press Volume UP key/Volume DOWN key

Notifying incoming call/notification by sound/vibration

Set melody, etc. of ringtone/notification sound for incoming call or notification or whether to vibrate the terminal.

■ Setting ringtone

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration" → "Ringtone"
- 2 Tap a notification sound you want to set

- When "Mute" is set, phone ringtone does not sound.
- Tap "ADD" to search ringtones and add.

■ Setting vibration pattern

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration" → "Vibration pattern"
- 2 Tap a pattern you want to set

■ Setting notification sound

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration" → "Notification sounds"
- 2 Tap notification sound you want to set
 - When "Mute" is set, notification sound does not sound.

Information

- If "Vibrate while ringing" is set to ON when Silent mode (Vibrate, Mute) is not set, ringtone sounds and the terminal vibrates for incoming calls. If "Vibrate while ringing" is set to OFF, only ringtone sounds.
- Notification sound and vibration pattern of SMS, Calender and Email can be set individually.

Muting notification sounds

Make settings so that you mute all calls and alarms and do not display notifications, apart from any exceptions you have selected.

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration" → "Do not disturb"
- 2 "Turn on now"

Information

- To set the time for muting notification sounds, turn "Turn on as scheduled" ON, and set "Days", "Set schedule".
- To allow exceptions, "Allow exceptions" → Tap items you want to make exception.
- Tap "Hide visual notifications" to set hiding of notifications.

Setting system sounds and vibration

Set whether to play sounds for operation and vibrate the terminal.

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration" → "Touch sounds"/"Screen lock sounds"/"GPS notifications"/"Charging sound"/"Vibration feedback"

Setting key-tap sounds and vibration

Set whether to play sounds when tapping keys and vibrate the terminal.

- 1 From the Home screen, "apps folder" → "Settings" → "Sounds and vibration" → "Dialing keypad tones"/"Keyboard sound"/"Keyboard vibration"

Notifications

Set apps you want to receive notifications from

- 1 From the Home screen, "apps folder" → "Settings" → "Notifications"
- 2  of app that you want to receive notification from

Information

- Tap "ADVANCED" in Step 2 to make advanced notification settings.
- Tap "App icon badges" in Step 2 to set whether to show a badge on an app icon when a notification is received, or whether to show the badge with number of items. However, it may not be available depending on app even when it is set to ON.

Display

1 From the Home screen, "apps folder" → "Settings" → "Display"

2 Select an item and to set

Item	Description
Brightness	→ P.109
Auto brightness	Record display brightness adjustments so that the brightness is automatically adjusted when the brightness in your surroundings are the same as when you recorded the brightness. • You can delete brightness adjustment history by tapping "Reset usage patterns" → "RESET".
Blue light filter	Reduce the amount of blue light.
Font and screen zoom	Set the screen zoom, font size and font.
Screen mode	Set the contrast and color balance of the screen. → P.109
Home screen	Customize the Home screen. • You can set this option when the Home application is set to "Galaxy home".
Full screen apps	Select the app to use with the aspect ratio of the full screen.
Easy mode	Turn to easy mode whose screen layout is simple with bigger icons.
Icon frames	Display the icon with frame on the Home screen and the apps screen. • You can set this option when the Home application is set to "Galaxy home".
LED indicator	Set the LED to turn on/flash when a notification such as missed calls is received, charging the terminal, recording something, etc.
Status bar	Set whether to show percentage of battery power remaining on the status bar. • When "Show recent notifications only" sets ON, only 3 latest notification icons are displayed.
Navigation bar	→ P.29

Item	Description
Screen timeout	Set time until screen display turns off. • The screen becomes a little dark before the set time comes close.
Block accidental touches	Set whether not to detect touch operation of the display while the device is in a dark place such as a pocket or bag.
Screen saver	→ P.109

Adjusting brightness of the display

1 From the Home screen, "apps folder" → "Settings" → "Display"

2 Drag  left or right of "Brightness"

Setting color balance of screen

You can adjust screen color details.

1 From the Home screen, "apps folder" → "Settings" → "Display" → "Screen mode"

2 Drag  left or right of "Full screen color balance"

- You can adjust the display color only when "SCREEN MODE" is "Adaptive display".
- You cannot change the screen mode while the "Blue light filter" is ON.
- When you drag the bar towards "Warm", the red color tone will increase. When you drag the color adjustment bar towards "Cool", the blue color tone will increase.
- Mark "Advanced options" to adjust the balance of the red, green, and blue colors individually.

Screen saver

Set ON/OFF, type for screen saver while charging.

1 From the Home screen, "apps folder" → "Settings" → "Display" → "Screen saver"

2 

3 "Colors"/"Photo Table"/"Photo frame"/"Photos"

- When "Photo Table"/"Photo frame"/"Photos" is set, and then tap  and mark a folder in which image to display is saved.

Wallpapers and themes

Set wallpapers and themes.

- 1 From the Home screen, "apps folder" → "Settings" → "Wallpaper and themes"
- 2 "Wallpapers"/"Themes"/"Icons"
- 3 Select a wallpaper or theme to set
- 4 Set according to the onscreen instructions

Device maintenance

Check maintenance status of the terminal, or set battery, storage, memory and device security.

- 1 From the Home screen, "apps folder" → "Settings" → "Device maintenance"
 - The device maintenance status is displayed. To optimize more, tap "OPTIMIZE NOW".

2 Select an item and to set

Item	Description
Battery	→ P.110
Storage	→ P.111
Memory	→ P.111
Device security	→ P.111

Battery

Displays the battery usage data, the power saving mode setting and optimized app information.

- 1 From the Home screen, "apps folder" → "Settings" → "Device maintenance" → "Battery"

Item	Description
Remaining battery level	Display the percentage of battery power remaining.
Estimated remaining charging time	Display the estimated time until the battery is fully charged when charging. However, the estimated time until the battery is fully charged may not be displayed if being charged in a low or high temperature environment.
Estimated battery life	Display the estimated time of the battery life to use when not charging.

Item	Description
BATTERY USAGE	Display the battery usage or check which apps are consuming power. Also, you can optimize battery usage of each app. To change the settings of battery usage optimization, tap  → "Optimize battery usage" → "Apps not optimized" → "All apps" to select apps to change the settings.
Power saving mode	Set Power saving mode.
App power monitor	Display apps that are consuming battery power in the background. By putting apps to sleep, you can extend the life of the battery To set apps to sleep, mark apps to put to sleep → tap "OPTIMIZED".
Unmonitored apps	Select apps that you do not set to sleep to extend the battery life.
Always sleeping apps	Select apps that you want to put to sleep immediately when you are not using them.

Storage

You can check memory space of the terminal or microSD card, or format microSD card.

1 From the Home screen, "apps folder" → "Settings" → "Device maintenance" → "Storage"

- The available space of storage is displayed. To expand the available space, tap "CLEAN NOW".
- Tap "SD card" to check the available space of SD card.

■ Setting storage

1 From the Home screen, "apps folder" → "Settings" → "Device maintenance" → "Storage" → → "Storage settings"

Item	Description
Device memory	Display the data space of the terminal. Display the stored data space of apps, images, etc. in category. Tap an item to check data.

Item	Description
SD card*	Display the data space of microSD card. - Tap "Format" to format microSD card. - Tap "UNMOUNT" to unmount microSD card. After unmounting, "SD card" → "MOUNT" to mount microSD card.

* Appears only when microSD card is attached.

Information

- When USB storage is attached to the terminal, corresponding items appear.

Memory

Check the memory status.

1 From the Home screen, "apps folder" → "Settings" → "Device maintenance" → "Memory"

- The available space of memory is displayed. To expand the available space, tap "CLEAN NOW".

Information

- When several apps are running, battery consumption may increase and usage time may shorten. Therefore, ending unused apps is recommended.

Device security

Perform the device security.

1 From the Home screen, "apps folder" → "Settings" → "Device maintenance" → "Device security" → "SCAN PHONE"

- The device security status is displayed.

Apps

Set apps.

1 From the Home screen, "apps folder" → "Settings" → "Apps"

2 Tap an app

- Set each app according to the onscreen instructions.

Information

- From the apps setting screen, tap  → "Default apps" to set usual home screen, browser apps, etc.
- From the apps settings screen, tap  to display system apps or set app permissions.

Disabling apps

Disabled app stops its operation and it is not displayed on the Home screen.

- The app is not uninstalled.
- It is available for some apps or services that cannot be uninstalled.

1 From the Home screen, "apps folder" → "Settings" → "Apps"

2 Tap an app to disable → "DISABLE" → "DISABLE"

Information

- If you disable app, other apps linking to the disabled app may not work properly. In that case, enable the app again. To enable an app again, from the Home screen, tap "apps folder" → "Settings" → "Apps" → "All apps" → "Disabled" → Tap an app to enable again → "ENABLE".

Setting the app's permission

When you access a app or function on the terminal for the first time, a confirmation screen will appear requesting you to permit the access privileges.

When you grant access privileges to permit to an app or function, you can use applicable function or information.

Example: When viewing the TV for the first time

1 From the Home screen, "apps folder" → "TV"

2 Tap "DENY"/"ALLOW"

Information

- If you do not select "ALLOW", you may be unable to activate the app/ function or the function may be restricted.
- To change the permission setting, from the Home screen, "apps folder" → "Settings" → "Apps" → Tap the app whose permission setting you want to change → "Permissions" → tap  /  of the permission you want to change.

Lock screen

1 From the Home screen, "apps folder" → "Settings" → Lock screen"

2 Select an item and to set

Item	Description
Screen lock type	→ P.113
Smart Lock	When accepted locations or devices are detected, unlock the mobile terminal automatically. Setting the security unlock method with authentication is required in advance.
Secure lock settings*	Set the secure lock function to lock instantly with the power key, lock automatically, etc. If "Auto factory reset" is enabled, the terminal will be reset to the factory default settings after 15 incorrect attempts to unlock the terminal.
Clock style	Set clock style and the color to use the clock on the lock screen.
Roaming clock	Set whether to change the clock display to digital clock which has both time zones of current city and your home city.
FaceWidget	Select widgets to display on the lock screen.
Contact information	Enter your phone number or email address to display on the lock screen.
Notifications	Set notifications on the lock screen.
App shortcuts	Select apps to activate from the lock screen. You can set this option when the Home application is set to "Galaxy home".
About lock screen	Display version of the lock screen and open source licenses.

* The display may differ depending on "Screen lock type".

Setting unlock method for the screen lock

You can make settings so that you require to enter unlock pattern, PIN or password in advance on the touch screen etc. for unlocking the screen lock.

1 From the Home screen, "apps folder" → "Settings" → Lock screen" → "Screen lock type"

2 Select unlock method → Enter according to the onscreen instructions

- Set "PIN" with 4- to 16-digit number; set "Password" with 4 to 16 characters including alphabets.
- If the screen to set how to display the notification information for the lock screen appears, follow the onscreen instructions.

Information

- To set the screen lock to OFF, from the Home screen, "apps folder" → "Settings" → "Lock screen" → "Screen lock type" → Enter the set unlock method → "None".
- If entry of unlock pattern, PIN, password is failed 5 times consecutively, a message indicating to retry in 30 seconds appears. If you failed unlocking 10 times consecutively, a message indicating to retry in 30 seconds appears.
 - If you forget PIN or password, access from a PC to Find My Mobile web page and perform "Unlock" to unlock screen. You can use this function when the terminal is connected to Wi-Fi or mobile network and Galaxy account is set. For details, refer to the Find My Mobile web page. → P.120
- If you forget screen unlock method without a Galaxy account, you cannot use the terminal until you reset the terminal. Note that DOCOMO assumes no responsibility for that.

Biometrics and security

1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security"

2 Select an item and to set

Item	Description
Face Recognition	→ P.116
Fingerprint Scanner	→ P.117
Screen transition effect	Set whether to display transition effect when unlocking the terminal using biometric authentication.
Google Play Protect	Set Google Play Protect.
Find My Mobile	→ P.120
Security update	Check the security status, or whether any update is available or not.
Install unknown apps	Permit installation of apps whose providers are unknown.
Galaxy Pass	→ P.119
Secure Folder	Lock private contents, etc. to strengthen security.
App permission monitor	Set whether to receive notifications if the selected permissions are used for apps running in the background.
Secure startup	Set whether to require entry of set unlock method of screen lock each time you turn on the power. - If you failed entry for a fixed time, the terminal will be reset. Take care not to forget unlock method of screen lock. - Until the terminal is started up, notifications such as incoming calls, messages, etc. will not be received and the alarm will not sound.

Item		Description
Encrypt SD card		Encrypt data saved in a microSD card not to be used on the other terminal or a PC. After encrypting SD card, the item name is changed into "Decrypt SD card". Note that when the microSD card is encrypted and perform "Factory data reset", you can't use the data in the microSD card. Tap "Decrypt SD card" to decrypt the microSD card before performing "Factory data reset".
Other security settings	Set up SIM card lock	→ P.116
	Make passwords visible	Set whether to temporarily display the entered characters on the password entry screen.
	Security policy updates	Update and enhance security of the terminal.
	Send security reports	Send security report via Wi-Fi to analyze security threat.
	Device admin apps	Set whether to enable Device admin apps.
	Storage type	Show the location for credential storage backup.
	View security certificates	Show security certificates.
	User certificates	Display user certificates.
	Install from device storage ^{*1}	Install certificates from the system memory (terminal) or microSD card.
	Clear credentials	Delete all certificates and passwords such as VPN setting information.
	Trust agents ^{*2}	Perform selected actions when trusted devices are connected.
	Pin windows	Set whether to pin a specified app to the terminal screen.

Item		Description
Other security settings	Usage data access	Set the apps whether or not to allow the terminal's usage histories to be read.
	Notification access	Set whether to allow apps to read notifications.
	Do not disturb permission	Display which apps have permissions to change the "Do not disturb" settings.

- *1 To erase installed certificate, tap "Clear credentials" to erase it from credential storage. Operation of "Clear credentials" erases all certificate in the credential storage.
- *2 The display may differ depending on "Screen lock type" (P.113).

Security codes used on the terminal

Some functions provided for convenient use of the terminal require the security code to use them. Besides a password for screen lock of the terminal, a network security code necessary for the network services etc. is available. Make use of the terminal using an appropriate security code according to the purpose.

- Entered PIN/password for screen lock, network security code, PIN code and PUK code are shown as "●".

■ Notes on the security codes

- Avoid using a number that is easy to guess, such as "birth date", "part of your phone number", "street address number or room number", "1111", and "1234". Make a note of the security code you set, etc. in case you should forget it.
- Be careful never to reveal your security code to others. If a security code is misused by others, DOCOMO assumes no responsibility for damages resulted from it.
- If you forget your security codes, you need to bring a document (a driver's license etc.) to identify your subscription, the terminal and the docomo nano UIM card to a docomo Shop. For details, contact the "docomo Information Center" on the last page of this manual.
- The PUK code is written on the subscription form (copy for customer) handed at the subscription in the docomo Shop. If you have subscribed at other than docomo Shop, you should bring your official identification (such as driver's license), the docomo nano UIM card with you to the nearest docomo Shop or contact "docomo Information Center" on the last page of this manual.

■ PIN/password for screen lock

The security code is used for lock function of the terminal.

■ Network security code

The network security code is a 4-digit number necessary for identification or using the docomo Network Services or "お客様サポート (Customer support)" at reception of your request in docomo Shop or at docomo Information Center. It can be set any number at the subscription and also changed later by yourself.

For details of network security code, refer to NTT DOCOMO website.
<https://www.nttdocomo.co.jp/support/trouble/password/network/> (In Japanese only)

■ PIN code

You can set up a security code called a PIN code for your docomo nano UIM card. This code are set to "0000" at the time of subscription. They can be changed by yourself.

PIN is a 4- to 8-digit number (code) that must be entered for user confirmation to prevent unauthorized use of docomo nano UIM card by a third party every time you insert the docomo nano UIM card into the terminal or when the terminal is powered on. You can make settings so that entering the PIN code enables making/receiving calls and terminal operations.

- If you use a newly purchased terminal with the docomo nano UIM card you used inserted, use the set PIN code on the former terminal.
- If you enter a incorrect PIN code 3 consecutive times, the PIN code is locked and you cannot use the code. In this case, enter "PIN Unlocking Key" (PUK) to unlock and then set PIN code again. Enter PUK (8 digits) → "OK" → Enter a new PIN code → "OK" → Enter the PIN code again → Tap "OK".

■ PUK code

The PUK code is an 8-digit number for canceling the locked PIN code. The PUK code cannot be changed by yourself.

- If you enter a incorrect PUK code 10 consecutive times, the docomo nano UIM card is locked. If it locked, please contact a docomo Shop.

■ d ACCOUNT

d ACCOUNT is an ID/password to use apps or services such as d point, dmarket, etc. provided by DOCOMO with smartphone, tablet, PC, etc.

■ Google account

Google account is a user name/password to use Google services. By setting Google account to the terminal, you can use Gmail to send Email, use Google Play to download apps or contents such as games.

Setting PIN code

You can make settings so that you require the PIN code entry for using the terminal when the power is turned on.

- 1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Other security settings" → "Set up SIM card lock" → "Lock SIM card" → Enter a PIN code → "OK"
 - "Lock SIM card" is set to ON.

Changing PIN code

When "Lock SIM card" (P.116) is set, you can change the PIN code.

- 1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Other security settings" → "Set up SIM card lock"
- 2 "Change SIM card PIN" → Enter the current PIN code and a new PIN code according to the onscreen instructions

Face Recognition

You can unlock the terminal by recognizing the face.

■ Precautions for using face recognition

- Unlocking may be possible when authenticating by others look alike such as twins.
- Safety of face recognition is inferior to pattern, PIN, password, and fingerprint.

■ Precautions for registering face

- Consider the conditions when registering, such as wearing glasses, hats, masks, beards, or heavy makeup.
- Ensure that you are in a well-lit area and that the camera lens is clean when registering.
- Ensure your image is not blurry for better match results.

Setting face recognition

■ Registering your face

- 1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Face Recognition"
 - When the security unlock method which requires authentication is selected, proceed to Step 3 after the authentication.
- 2 "CONTINUE" → Set the unlock method of screen lock
 - For unlock method of screen lock, see "Setting unlock method for the screen lock" (P.113).
- 3 "CONTINUE" → Follow the onscreen instruction to register your face

■ Deleting face data

- 1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Face Recognition"
 - Cancel the security to protect face recognition.

2 "Remove face data" → "REMOVE"

Operating face recognition

- 1 **Direct your face to the screen**
 - If the authentication failed, authenticate with the security unlock method registered at face registration.

Information

- When you do not use the face recognition to unlock the screen of the terminal, set "Face unlock" to OFF on the FACE RECOGNITION screen.

Fingerprint authentication

Fingerprint authentication is an authentication sliding your finger over the fingerprint sensor.

■ Precautions for using fingerprint authentication

- This function is designed to authenticate using the characteristics information of fingerprint image. For this reason, user with fingerprint that does not provide enough characteristics information may not be able to use the fingerprint authentication.
- Scanning several times with the same finger is needed to register your fingerprint. Do not use different fingers to register.
- Authentication performance (the probability of successful fingerprint authentication for correctly holding down your finger) depends on usage conditions. Fingerprint registration may be difficult or the authentication performance may decrease depending on conditions such as the hand is dry. Taking measures according to the condition of your finger including washing hands, wiping hands, using a different finger for fingerprint authentication, etc. may improve the authentication performance.
- When registering or authenticating your fingerprint, align the first joint of one of your fingers to the center of the sensor, and hold down your finger. To prevent authentication failure due to difference in finger positions at registration and authentication, keep your finger parallel to the terminal as you place it.
- If you bend your finger or touch the fingerprint sensor with fingertip, recognition may not be performed normally.
- If you hold down your finger too lightly or take it away too quickly, your fingerprint may not be recognized correctly. Try as much as possible to place your finger so that the center of the whorl of the fingerprint comes to the center of the fingerprint sensor.
- Do not touch the fingerprint sensor before the lock screen appears by pressing  [Power/Screen lock key]. The fingerprint sensor may fail to work.
- If fingerprint registration or authentication is started with the finger put on the fingerprint sensor, activation may fail. Put the finger off from the fingerprint sensor and retry the operation.
- Fingerprint authentication technology does not guarantee complete identity authentication or verification. The likelihood of the fingerprint sensor confusing two different fingerprints is very low. However, in rare cases where separate fingerprints are very similar, the sensor may recognize them as identical. Note that DOCOMO assumes no responsibility for any damage caused by use of this terminal or unavailability of this terminal.

■ Usage precautions for fingerprint sensor

- The fingerprint sensor malfunction may occur if dirt adheres to the surface of the fingerprint sensor or your finger. Wipe any dirt with a soft cloth before use. Also wrinkled finger with water may cause malfunction.
- Do not strike the terminal or give a hard shock. May cause failure or damage. Do not scratch the surface of the fingerprint sensor or pick with a pointed object, such as a nib.
- Rubbing hard with a fingernail or hard object such as metal piece of strap may scratch the surface of the fingerprint sensor.
- Dirt with mud etc. or scratch on the surface of the fingerprint sensor may cause failure or damage.
- Do not attach a sticker or paint with ink etc. on the fingerprint sensor.
- Dirt of dust, sebum, etc. may make fingerprint scanning difficult or reduce the authentication performance. Clean occasionally the fingerprint sensor surface.
- When fingerprint registration or authentication fails often, clean the surface of the fingerprint sensor. The phenomenon may be improved.
- To clean the fingerprint sensor, wipe its surface with a dry, soft and static-free cloth. Long-term use may cause the fingerprint sensor to get dusty, but do not try to remove the dust with a pointed object even in such a case.
- Static electricity may cause malfunction. Before placing the finger on the fingerprint sensor, eliminate static electricity by touching a metal object with the hand, etc. Take particular care in dry seasons such as winter.

Setting fingerprint authentication

Register fingerprints or set function to use. You can register up to 3 fingerprints.

■ Registering fingerprints

- 1** From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Fingerprint Scanner"
 - When the security unlock method which requires authentication is selected, proceed to Step 3 after the authentication.
- 2** "CONTINUE" → Set the unlock method of screen lock
 - For unlock method of screen lock, see "Setting unlock method for the screen lock" (P.113).
- 3** After this step, follow the onscreen instructions to register fingerprint

■ Removing fingerprints

- 1** From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Fingerprint Scanner"
 - Cancel the security to protect fingerprint.
- 2** Touch and hold the fingerprint to unregister → "REMOVE" → "REMOVE"

Authenticating fingerprint

- 1** When the fingerprint authentication screen appears, place your finger all over the fingerprint sensor
 - If the authentication failed, remove the finger from the fingerprint sensor and try the authentication again.

Information

- When you do not use the fingerprint to unlock the screen of the terminal, set "Fingerprint unlock" to OFF on the FINGERPRINT SCANNER screen.
- When the security is not registered correctly, tap  to cancel the screen lock using the method of unlock when you registered the fingerprint.
- If fingerprint authentication failed 5 times consecutively, a message indicating to retry in 30 seconds appears.

Galaxy Pass

You can login to the website or app, etc. easily using Galaxy Pass with biometrics authentication such as face recognition (P.116) or fingerprint authentication (P.117).

- To use Galaxy Pass, signing in to Galaxy account is required.
- The website sign-in feature of Galaxy Pass is only available for some apps such as "Internet" app (P.75). Some websites may not support this feature.

Setting Galaxy Pass

■ Registering each Biometric to Galaxy Pass

- 1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Face Recognition"/"Fingerprint Scanner"
 - Cancel the security to protect each biometric authentication.
- 2 "Galaxy Pass"
- 3 After this step, follow the onscreen instructions to register fingerprint
 - Galaxy Pass Icon is displayed on the home screen.

■ Setting Galaxy Pass

- 1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Galaxy Pass"
 - Cancel the security to protect each biometric authentication.
- 2 Set required items

■ Deleting data in Galaxy Pass

- 1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Galaxy Pass"
 - Cancel the security to protect each biometric authentication.
- 2 : → "Settings" → "Delete data" → "DELETE"
- 3 Enter a password of Galaxy account → "CONFIRM" → "OK"

Using Galaxy Pass

■ Using Galaxy Pass to sign in to Website

- 1 Open a website that you want to sign in to on the "Internet"
- 2 Enter your user name and password, and then tap the website's sign in button
- 3 Mark the button on the "Save sign-in information?" screen and tap "REMEMBER"
 - Save sign-in information in Galaxy Pass. You can sign in using Galaxy Pass from next time.

■ Using Galaxy Pass to sign in to your Galaxy account

- 1 From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Galaxy Pass"
 - Cancel the security to protect each biometric authentication.
- 2 : → "Settings" → "Galaxy account"
- 3 "Use with Galaxy Pass"
 - You can sign in Galaxy account using Galaxy Pass.

Information

- Tap "Web sign-in information" on the Galaxy Pass screen to confirm, edit, delete saved sign-in information.

Find My Mobile

Track and manage the device by remote operations.

- To use Find My Mobile, signing in to Galaxy account is required.

- 1** From the Home screen, "apps folder" → "Settings" → "Biometrics and security" → "Find My Mobile"
- 2** "Add account"
 - Follow the onscreen instructions.
 - Sign in if you have already had a Galaxy account. → P.121
 - "Remote controls" automatically turns ON if Galaxy accounts are registered.
- 3** Open the web page of Find My Mobile on a PC
 - For details, refer to the following web page.
<http://findmymobile.samsung.com/>
- 4** After signing in by the Galaxy account, follow the onscreen instruction to make settings

Cloud and accounts

- 1** From the Home screen, "apps folder" → "Settings" → "Cloud and accounts"
- 2** Select an item and to set

Item	Description
Galaxy Cloud	Make settings about synchronizing, backing up and restoring data such as contacts, calendar, browser, gallery, etc. • To use Galaxy Cloud, signing in to your Galaxy account is required.
Accounts	→ P.120
Backup and restore	→ P.122
Smart Switch	Transfer contents such as images, contacts, messages, etc. from the old terminal.

Accounts

- 1** From the Home screen, "apps folder" → "Settings" → "Cloud and accounts" → "Accounts"

Item	Description
docomo	docomo's account is registered in advance.
Add account	→ P.121
Auto sync data	Set whether to sync data of account automatically.

Information

- Set Google account with "Add account" to use Gmail, Google and Google service.

Setting account

- 1 From the Home screen, "apps folder" → "Settings" → "Cloud and accounts" → "Accounts" → "Add a account"
- 2 Tap an account you want to add
- 3 Set according to the onscreen instructions

Information

- To edit a registered account, delete the account and register again.
- To change synchronizing items, from the Home screen, "apps folder" → "Settings" → "Cloud and accounts" → "Accounts" → tap an account to change → "Sync account" → Set only items to synchronize to ON. Item name or operation steps may vary depending on accounts.
- To synchronize manually, from the Home screen, "apps folder" → "Settings" → "Cloud and accounts" → "Accounts" → Tap an account type → Tap an account to synchronize →  → "Sync now". Item name or operation steps may vary depending on accounts.

Galaxy account

If the Galaxy account is set, you can use Find My Mobile or some features of Galaxy Apps, and sync data between the terminal and the Galaxy account.

- 1 From the Home screen, "apps folder" → "Settings" → "Cloud and accounts" → "Accounts"
- 2 "Add account" → "Galaxy account"
 - From here on, follow the on-screen instructions.

Information

- Make a note of password you set to Galaxy account in case you should forget it. Also, if you forget your password, tap "Forgot your ID or password?" and follow the onscreen instructions.

Removing account

When registered account is deleted, the account data saved to the terminal (messages, contacts, settings, etc.) is also deleted.

- The data stored on the server is not deleted.

- 1 From the Home screen, "apps folder" → "Settings" → "Cloud and accounts" → "Accounts"
- 2 Tap an account to delete → "REMOVE ACCOUNT"
 - If input password screen appears, input password.
 - Operation steps may vary depending on accounts.

3 "REMOVE ACCOUNT"

Information

- Some accounts may not be deleted depending on registered account. To delete the account, perform "Factory data reset" (P.126).

Backup and restore

- 1 From the Home screen, "apps folder" → "Settings" → "Cloud and accounts" → "Backup and restore"

Item	Description
Back up data	Use your Galaxy account to back up data.
Restore data	Use your Galaxy account to restore your backup data.
Back up my data	Back up the settings, data, etc. of Google app to Google server.
Backup account	Set your Google account for backup.
Google Account*	Set each backup related to Google account.
Automatic restore	Restore backed up settings and data when reinstalling app.
External storage transfer	You can back up data to a microSD card or USB storage or restore the backup data via Smart Switch.

* Appears only when the Home screen is set "Back up my data" to ON.

Connecting Wi-Fi direct and launching Smart Switch

Connect Wi-Fi Direct to transfer data wirelessly.
Example: Transferring data from previous device

- 1 Launch Smart Switch on the previous device
 - If the app is not installed, download it from Play Store or Galaxy Apps.
- 2 From the Home screen, "apps folder" → "Settings" → "Cloud and accounts" → "Smart Switch"
- 3 Bring two devices close
- 4 On the previous device, "WIRELESS" → "SEND" → "SEND"
 - The display operation steps may vary depending on device.
- 5 On the previous device, "WIRELESS" → "RECEIVE"
 - Follow the o-screen instructions.

docomo service/cloud

- 1 From the Home screen, "apps folder" → "Settings" → "docomo service/cloud"
- 2 Select an item and to set

Item	Description
d ACCOUNT setting	Set d ACCOUNT for using in docomo apps. Also, you can set d ACCOUNT verification using biological information (fingerprint) registered to the terminal.
docomo cloud	Make settings for docomo cloud compatible services.
docomo Application Data Backup	Set back up of the docomo's apps.
docomo apps management	Set regular update check etc.
Osusume Apps	You can set recommended app or check received notifications.
Osusume hint	Set to use Osusume hint.
AUTO-GPS	Set AUTO-GPS or display log of positioned places.
docomo location information	Set location information service function for imadoco search/imadoco kantan search/Keitai-Osagashi service.
Send app information	Set for sending apps information to the server which is managed by DOCOMO.
Member/profile settings	Check or change your membership/profile information used for docomo services.
docomo service initial settings	Configure the service settings, etc. all at once in order to use the terminal.
Switch USB debugging	Make settings for using dedicated devices such as those for docomo shops.
Open source licenses	Shows Open source license.

Information

- Some apps displayed in docomo services can be disabled. Disabled apps may not appear in the list of docomo services.
- By newly downloading an app provided by DOCOMO, an item may be added to the docomo service list.

Google

Information and settings for Google account and services can be checked/changed/deleted.

- For details on Google settings, tap  on the Google settings screen to see Help.

1 From the Home screen, "apps folder" → "Settings" → "Google"

2 Select an item and to set

Information

- To use a Bluetooth device to voice search, in step 2, tap "Search" → "Voice" → "Bluetooth headset".

Accessibility

1 From the Home screen, "apps folder" → "Settings" → "Accessibility"

2 Select an item and to set

Item		Description
Vision	Voice Assistant	Enable user accessibility such as service with which sound or vibration responds to your operations and text-reading service.
	Voice Assistant help	Perform practice and tutorial of touch operation. • Set "Voice Assistant" to ON to use it.
	Dark screen	Always turn the screen OFF to protect privacy. • Set "Voice Assistant" to ON to set it. • Press  [Power/Screen lock key] twice to enable/disable this function.
	Rapid key input	Release the finger to make settings so that you enter selected characters. • Set "Voice Assistant" to ON to set it.
	Voice Label	Write voice recording to NFC tag to provide you with information related to surrounding objects.
	Font and screen zoom	Change font size, font style, and screen zoom.
	High contrast fonts	Adjust the color and outline of fonts.
	High contrast keyboard	Adjust the size of the keyboard and change its colors.
	Show button shapes	Display buttons with outline.
	Magnifier window	Magnify content on the screen.
	Magnification	Set how to magnify screen.
	Large mouse/touchpad pointer	Enlarge the mouse and touchpad pointer.

Item		Description
Vision	Remove animations	Remove specified screen effect if you mind animation or screen movement.
	Negative colors	Invert screen color.
	Color adjustment	Test color sense to adjust the screen display in most suitable colors.
	Color lens	You can adjust screen color when text cannot be read easily.
Hearing	Flash notification	Flash light or screen when a notification is received or alarm sounds.
	Mute all sounds	Turn OFF all sounds including incoming calls, notifications, and media sound.
	Galaxy subtitles (CC)	Set and check how to display subtitles.
	Google subtitles (CC)	
	Left/right sound balance	Set the balance between left and right sounds to listen to music with earphones.
	Mono audio	Switch audio to mono to listen to with mono ear.
Dexterity and interaction	Universal switch	Control your terminal with your customized switches.
	Assistant menu	Enable the function to improve phone accessibility for users with reduced dexterity.
	Touch and hold delay	Set the time that the touch panel detects the touch-and-hold operation.
	Click after pointer stops	Set whether to automatically click after the pointer stops when using a mouse, etc.

Item		Description
Dexterity and interaction	Interaction control	Set interactable or non-interactable areas for touching operations. - To enable this function and set the operation, touch and hold  [Power/Screen lock key] and the volume UP key at the same time, and follow the onscreen instructions. - When using "Split screen view" (P.46), you cannot enable this function. - If this function is enabled, "Auto rotate" (P.30) turns OFF automatically.
Text-to-speech		Set sound synthesizing engine for text reading or text reading speed.
Direction lock		Unlock the screen lock by combination of swipe directions. To disable the setting, on the DIRECTION LOCK screen, tap "ON" and follow the onscreen instructions.
Direct access		Set/cancel the accessibility function by pressing  [Power/Screen lock key] and Volume UP key at the same time.
Accessibility shortcut		Set whether to use specified shortcut service by pressing Volume UP key/ Volume DOWN key at the same time for 3 seconds.
Notification reminder		Set whether to notify you of unread notification of apps with sound or vibration, or set an app to display the notification.
Answering and ending calls		Add operation methods to answer incoming calls, and make settings so that you can end call by pressing  [Power/Screen lock key]. If "Press Power key to end calls" is set to ON and the terminal turns into sleep mode during a call, cancel the sleep mode by pressing  [Power/Screen lock key] and end call by pressing  [Power/Screen lock key].

Item	Description
Single tap mode	Set whether to answer or decline incoming calls, cancel notification of alarm or timer, etc. by single tapping instead of swiping.
Accessibility settings backup	Import/export: Save (export) the accessibility settings as a file, and import a saved file and update the accessibility settings. Share via: Share the accessibility settings via online service, and send them via Bluetooth function, mail, etc.
Osusume hint	This is a function that introduces how to use the terminal according to the operation or condition of usage.

Information

- If "Voice Assistant" is permitted to use, note that personal information such as credit card numbers, etc. and operations in the user interface are recorded. Note that DOCOMO is not responsible for data or information leak.
- If "Voice Assistant" is allowed to be used, the touch guide function will be enabled. Touch guide is a function for reading up or displaying an explanation for an item of your finger position. When the touch guide function is ON, tap once to select item and then double-tap it for item selection and scroll with 2 fingers for operation.
- "Voice Assistant" may not work correctly when the Home application is set to "docomo LIVE UX".

General management

1 From the Home screen, "apps folder" → "Settings" → "General management"

2 Select an item and to set

Item	Description
Language and input	→ P.125
Date and time	→ P.126
Contact us	You can use Galaxy Members.
Report diagnostic information	Set whether to report the diagnostic information.
Marketing information	Set whether to receive the marketing information
Reset	→ P.126

Language and input

1 From the Home screen, "apps folder" → "Settings" → "General management" → "Language and input"

Item	Description
Language	Set language to use.
Default keyboard	Set the keyboard for the standard use.
On-screen keyboard	Make settings about Galaxy keyboard/Google voice typing/Moji-Henshu.
Physical keyboard	Make settings for an external keyboard.
Show Keyboard button	Set whether to display the keyboard button on the navigation bar.
Autofill service	When it is allowed to use, user name or password on app, etc. is input automatically if it is required.
Text-to-speech	Set sound synthesizing engine for text reading or text reading speed.
Pointer speed	Set a pointer speed when using mouse/trackpad.

Date and time

- 1 From the Home screen, "apps folder" → "Settings" → "General management" → "Date and time"

Item	Description
Automatic date and time	Adjust date and time automatically according to online settings. By default, they are set to be corrected automatically.
Select time zone	Set time zone. • To set the time zone manually, turn "Automatic time zone" OFF and make settings.
Set date*	Set date. • To set the date manually, turn "Automatic date and time" OFF and make settings.
Set time*	Set the time. • To set the time manually, turn "Automatic date and time" OFF and make settings.
Use 24-hour format	Switch clock to 24-hour format.

* Date and time information may be adjusted automatically.

Reset

- 1 From the Home screen, "apps folder" → "Settings" → "General management" → "Reset"

Item	Description
Reset settings	Reset the terminal to the default state except for your personal data, downloaded apps settings, security, language and account settings.
Reset network settings	Reset network settings such as Wi-Fi, mobile data, Bluetooth, etc.
Factory data reset	Reset the terminal to the factory default state. • Note that some apps which are preinstalled by default will be uninstalled.
Auto restart	Set whether to have the terminal restart automatically at the day of week/time you set. • The terminal is optimized after it restarts. Any unsaved data will be lost.

Software update

1 From the Home screen, "apps folder" → "Settings" → "Software update"

2 Select an item and to set

Item	Description
Download updates manually	→ P.148
Download updates automatically	→ P.148
Scheduled software updates	Set the scheduled time for the software updates.
Last update information	Display the last update information of software.

About phone

1 From the Home screen, "apps folder" → "Settings" → "About phone"

2 Select an item and to set

Item	Description
EDIT	Edit a name to be displayed for Bluetooth, Wi-Fi Direct, etc.
My phone number	Your own phone number is displayed.
Model number	Model number is displayed.
Serial number	Serial number is displayed.
IMEI	IMEI is displayed.
Status	Display SIM card status, IMEI information, etc.
Legal information	Check open source licenses, Google legal, etc.
Regulatory information	Display Regulatory information of the terminal.
Software information	Check Android version, etc.
Battery information	Display the battery remaining power, etc. of the terminal.

File management

Storage folder structure

Phone (Internal storage)

Main folders in the internal storage (/storage/emulated/0) by default are as follows.

- Depending on operations on the terminal, displayed folders may differ.

Item	Description
Alarms	Save music data etc. for alarm sound.
Android	Save setting data or temporary files for the system or apps.
DCIM	Save still image/video data shot by the camera and image data of displayed screen (screen capture) (when the saving location is set to the terminal).
Download	Save data downloaded by the browser.
Movies	Save video data.
Music	Save music data.
Notifications	Save music data etc. to set as notification sound.
Pictures	Save image data etc.
Podcasts	Save podcast data.
Ringtones	Save music data etc. to set as ringtone.
Samsung	Save data obtained from Galaxy related site.

microSD card (external storage)

You can attach microSD card to the terminal and use it.

- For details on microSD cards that can be used for this terminal, refer to "microSD card" (P.23).
- For how to attach/remove microSD card, refer to "Installing microSD card" (P.24) and "Removing microSD card" (P.25).

File operation

Folder and file operation

Use "My Files" to display or manage various data such as still images, videos, music or document saved on the terminal or microSD card.

- Depending on the folders, there are some operations which cannot be performed such as changing and deleting names, etc.

- 1 From the Home screen, "apps folder" → "My Files"
- 2 Tap an item in CATEGORIES/PHONE → Tap a folder as required
 - When you touch and hold a folder/file to mark, items such as menu appear. Follow the onscreen instructions.
- 3 Tap a file you want to use
 - Display/play the file.

Creating shortcuts

- 1 From the Home screen, "apps folder" → "My Files"
- 2 Tap an item in CATEGORIES/PHONE
- 3 Touch and hold folder/file you want to create a shortcut →
⋮ → "Add shortcut" → "My Files"/"Home screen"
 - When "Home screen" is selected, tap "CREATE".

Deleting shortcuts on the main screen in My Files

- 1 From the Home screen, "apps folder" → "My Files"
- 2 ⋮ → "Manage shortcuts" → Select shortcut you want to delete → "REMOVE"
 - When a shortcut is created on the Home screen, touch and hold the icon on the Home screen → Tap "Remove from Home".

Creating a folder

- 1 From the Home screen, "apps folder" → "My Files"
- 2 Tap an item in PHONE → Tap a folder as required
- 3  → "Create folder" → Enter a folder name → "CREATE"

Renaming a file or folder

- 1 From the Home screen, "apps folder" → "My Files"
- 2 Tap an item in CATEGORIES/PHONE → Tap a folder as required
- 3 Touch and hold a folder/file you want to rename →  → "Rename" → Enter name → "RENAME"

Deleting a file or folder

- 1 From the Home screen, "apps folder" → "My Files"
- 2 Tap an item in CATEGORIES/PHONE → Tap a folder as required
- 3 Touch and hold a folder you want to delete → "DELETE" → "DELETE"

Moving/Copying a file or folder

- 1 From the Home screen, "apps folder" → "My Files"
- 2 Tap an item in CATEGORIES/PHONE → Tap a folder as required
- 3 Touch and hold a folder/file you want to move/copy →  → "Move"/"Copy"
- 4 Display a folder to move to/copy to → "DONE"

Menu of My files

The items appear by tapping  on the folder/file list screen on the main screen in My Files. Follow the onscreen instructions.

Information

- You can check storage usage of the terminal. From the main screen or the folder/file list screen in My Files, tap  → "Get more space".

Data search

- 1 From the main screen or the folder/file list screen in My Files, 
- 2 Enter a file name or extension
 - Searched files are displayed in a list.
 - You can also search files by file type.

Data communication

Bluetooth communication

You can transfer data between the terminal and Bluetooth device wirelessly.

- For Bluetooth compatible version or profile, see "Main specifications" (P.148).
- For setting or operations, refer to the user manual of Bluetooth device to connect.
- The terminal does not connect wirelessly with all types of Bluetooth devices.

■ Notes on using Bluetooth function

1. Connect the terminal to the other Bluetooth device within approximately 10 m of vistaed distance. Depending on the environment (wall, furniture, etc.) or structure of building, available distance for connecting becomes short.
2. Keep more than approximately 2 m away from the other device (electronic products, AV equipment, OA equipment, etc.) and connect it. Always keep more than approximately 3 m away from a microwave oven because it strongly affects the connection when it is operated. If it is near, the connection may not be established properly when the other device power on. Or the connection may cause noises on TV or radio or the image may be distorted.
3. Under strong ambient signals due to there is a broadcast station or radio near the device, connection may not be established.
4. Radio waves emitted by a Bluetooth device may affect electronic medical equipment. Turn off the terminal and other Bluetooth devices in a train, aircraft or hospital, near an automatic door or fire alarm, and at a place where flammable gases are generated such as a gas station.

■ Reception interference caused by wireless LAN devices

The terminal's Bluetooth function and wireless LAN devices use the same frequency band (2.4 GHz). If you use the terminal near a wireless LAN device, reception interference may occur or the communications speed may lower. Also, you may hear noise or have a connection problem. In these cases, do the following:

1. Keep the Bluetooth device over approximately 20 m away from a wireless LAN device.
2. Within approximately 20 m, turn off either the Bluetooth device or the wireless LAN device.

■ Bluetooth pass code

Pass code is an authentication code to enter when accessing Bluetooth devices for the first time to recognize and permit them to connect with each other. Entering the same pass code (up to 16 half-width alphanumeric characters) on each sending/receiving device is required. Entering may be required depending on the Bluetooth device.

- On the terminal, pass code may be displayed as "PIN", "passkey".

Enabling Bluetooth function and making your terminal detectable

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Bluetooth"

2 

Information

- When you do not use Bluetooth function, turn it OFF to save the battery.
- The setting of the Bluetooth ON/OFF is not changed even when the power is turned off.

Pairing/Connecting with Bluetooth device

To transfer data between your terminal and other Bluetooth device, perform paring with the device and register it to the terminal beforehand. And then perform connection.

- Depending on Bluetooth device, only pairing may be performed or pairing and connection may be performed successively.
- When pairing, entering the passcode (PIN) may be required depending on the Bluetooth device.

1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Bluetooth"

2 

- Detected Bluetooth devices are displayed by list.
- If no Bluetooth devices are displayed, tap "SCAN" to re-search.

3 Tap a device you want to connect

4 Confirm a pass code → "OK"

When the other device requests for pairing

When pairing request for Bluetooth communication screen appears, tap "OK" as required.

Canceling connection

On the Bluetooth device list, tap a connected device.

Canceling pairing

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Bluetooth"
- 2 Tap  of a device you want to cancel pairing → "Unpair"

Sending/Receiving data via Bluetooth

- Set the Bluetooth function to ON beforehand to be detectable.

Sending data via Bluetooth

You can send contacts (contact data in vcf format) or files such as still images or videos, etc., to a device (PC, etc.) compatible with Bluetooth.

- For sending, perform the operation from the menu such as "Share", "Send", etc. of each app.

Receiving data via Bluetooth

- 1 If "File transfer" screen appears, tap "ACCEPT"
 -  appears on the status bar and data reception starts.
 - Reception status can be checked by the Notification panel.
 - After completion of the reception, display Notification panel and tap "File received" to display the list of received data. Tap data you want to view/play, you can check received data.

NFC communication

NFC is an abbreviation of Near Field Communication that is an international standard proximity wireless communication method specified by ISO (International Organization for Standardization). By using reader/writer function (R/W) or device communication function (P2P), put the terminal close to NFC tag to receive data, send/receive data to/from other device with NFC module installed, etc.

- For holding over the other device, see P.87.

Enabling NFC Reader/Writer, P2P function

To send/receive data between the terminal and an NFC equipped mobile phone etc., turn Reader/Writer, P2P ON.

- When "Android Beam" is set to ON, you can send/receive contents such as web pages or contacts to/from a device with P2P function installed.

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "NFC/Osaifu-Keitai settings" → "Reader/Writer, P2P"
- 2 
 - To use Android Beam, tap "Android Beam" →  on "NFC/Osaifu-Keitai settings" screen.

Sending/Receiving data

- 1 Display a content to send on the terminal/recipient device
- 2 Put  marks of the terminal and the recipient device closer
- 3 Tap a screen on the terminal/perform sending operation on the recipient device
 - The content is sent/received.
 - If the app selection screen appears, select an app to use.

Information

- If you perform sending operations from the terminal and the other device at the same time, sending may fail.
- While the screen is locked, NFC tag information cannot be sent/received.
- When NFC/Osaifu-Keitai Lock is set, Android Beam cannot be used.
- For some apps, Android Beam is unavailable.
- Actual communications are not guaranteed for all devices equipped with Reader/Writer, P2P.

External device connection

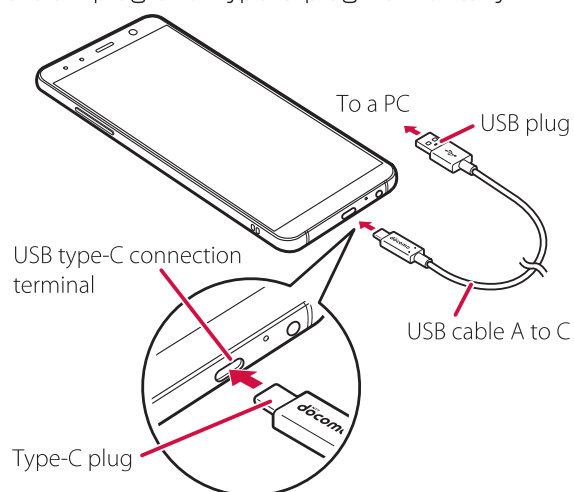
Connecting to a PC

Connecting with USB cable A to C

When you connect this terminal with PC via a USB cable A to C 01 (sold separately), you can synchronize data with Galaxy Smart Switch PC (P.133), or recognize this terminal as a media device.

1 Insert Type-C plug of USB cable A to C into the USB Type-C jack of the terminal to connect the terminal to a PC

- Insert the USB plug and Type-C plug horizontally.



2 Open the Notification panel → "USB for file transfer"

- "Use USB to" screen is displayed on the terminal.

Item	Description
Transfer files	The terminal is recognized as a media device (MTP) and you can transfer media files such as music or videos, etc.
Transfer images	You can transfer still images and videos captured by the terminal to a PC. • Use Camera (PTP) mode for transferring data to a PC etc. that does not support MTP.
Connect a MIDI device	Use the terminal for MIDI player or MIDI input.
Charge this phone	Only charging is performed
Charge connected device	Charge a connected device. • Depending on device to be connected, power supply may not be possible.

Information

- Connect the USB plug of USB cable A to C directly to the USB connector of a PC. If you connect it via USB HUB or USB extension cable, it may not work properly.
- Do not remove USB cable A to C while data is transferred. It may cause damage of data.
- The connectable OS are Windows 7, Windows 8.1, Windows 10, and Mac OS X10.5 or later.

Using Galaxy Smart Switch

Media files such as music/video and personal information can be managed, and the software of the terminal can be updated by using Galaxy Smart Switch.

You can only forward content that you own or have the rights to.

Samsung Electronics Co., Ltd. takes no responsibility for any infringements on the Copyright Law.

- You can download Galaxy Smart Switch PC from Galaxy Smart Switch homepage and install it into your computer. For the terms of use or more information, see Galaxy Smart Switch homepage.
<http://www.samsung.com/smartswitch> (In Japanese only)

Information

- For connecting method using sample for data transfer, see "データ移行用試供品取扱説明書 (sample for data transfer Instruction manual)".

Connecting a PC and launching Smart Switch

- 1 Connect the terminal to a PC via USB cable A to C (P.132)
- 2 Start up "Smart Switch" on a PC
 - Follow the on-screen instructions.

Information

- Do not remove USB cable A to C while data is transferred. It may cause damage of data.
- Before transferring data, check if the battery level is sufficient.

Connecting to printer

You can print on a compatible printer via Wi-Fi or USB connection.

- When using Wi-Fi function, the terminal and printer are needed to be connected to the same Wi-Fi network or connected via Wi-Fi Direct. Make settings for wireless LAN (Wi-Fi) and printer in advance.
- For compatible connection cables when using USB connection, refer to the instruction manual of the printer.
- The printer plug-in needs to be installed in advance in order to connect the printer which is going to be used. To install the plug-in, from the Home screen, tap "apps folder" → "Settings" → "Connections" → "More connection settings" → "Printing" → "Add service" and follow the onscreen instructions.

Printing with printer

- 1 On a screen of app that printing is available,  → "Share" → "Print"
 - Follow the on-screen instructions.
 - The method of printing depends on the app.

Smart View

Connect the terminal and Wi-Fi Miracast compatible devices via Wi-Fi and display the screen and the contents of the terminal on TV or display.

- 1 Open the Notification panel
- 2 
- 3 Tap Wi-Fi Miracast compatible devices that detected
 - To disconnect to Wi-Fi Miracast compatible devices, tap the device connected → Tap "Disconnect".

Information

- The image degradation may occur on the image transmission using Wi-Fi Miracast due to transcode and send.

International roaming

Overview of international roaming (WORLD WING)

With the international roaming (WORLD WING), you can use the terminal without changing phone number or mail address in the service area of the overseas network operator affiliated with DOCOMO. Calls and SMS can be used without changing settings. For details about international roaming (WORLD WING), refer to NTT DOCOMO website.

<https://www.nttdocomo.co.jp/english/service/world/roaming/>

Supported network

The terminal can be used in LTE network, 3G network and GSM/GPRS network service areas. It can also be used in countries/regions supporting 3G 850 MHz/GSM 850 MHz networks.

Information

- For country codes/international call access codes/universal number international prefix, supported countries/areas and network operators, refer to NTT DOCOMO website.

Available overseas services

(○ : Available)

Main Communication services	LTE	3G	3G850	GSM (GPRS)
Call	○	○	○	○
SMS	○	○	○	○
Packet communication*	○	○	○	○

* To use data communication when roaming, turn ON the data roaming settings (P.135).

Information

- Some services may not be available depending on the network operator or network overseas.
- Connected network operators are viewable on the Notification panel (P.38).

Before using the terminal overseas

Before leaving Japan

Before using the terminal overseas, check the following information in Japan.

■ Subscription

- Confirm your application status of WORLD WING. For details, contact "docomo Information Center" on the last page of this manual.

■ Charging

- For details on charging, refer to NTT DOCOMO website.

■ Usage charge

- Overseas usage charge (call and packet communication) differs from those in Japan. For details, see NTT DOCOMO website.
- Since some apps automatically perform communications, packet communication charges may become high. For operation of apps, contact the app providers.

Advance preparation

■ About setting network service

If you subscribed to network services, Voice mail service, Call forwarding service and Caller ID display request service are available from overseas. However, some network services may not be used.

- To use network services overseas, you need to activate "Remote operation". Alternatively, you can set "Remote operation (charged)" overseas. Setting in Japan (P.58), Setting overseas (P.138).
- Even if the setting/canceling operation is available, some network services cannot be used depending on overseas network operators.

After arriving overseas

When you arrive overseas and turn on the terminal, an available network is automatically connected.

■ Connection

The optimum network will be selected automatically if "Select automatically" is selected in "Network operators".

Settings for overseas use

■ Setting data roaming

To perform packet communications overseas, set Data roaming settings to ON.

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Mobile networks"

- 2 "Data roaming" → Confirm notes screen and tap "OK"

■ Setting a network operator

By default, the terminal is set to automatically search and switch to an available network. To switch network manually, perform the following operations.

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Mobile networks" → "Network operators" → "Search networks"

Available networks are searched for and displayed.

- Error occurs in network search, turn "Mobile data" OFF and retry (P.103).

- 2 Select a network of the network operator

Information

- If you tap "Select automatically" in Step 1, the network that can be used will be detected and automatically selected.

■ Setting network mode

- 1 From the Home screen, "apps folder" → "Settings" → "Connections" → "Mobile networks" → "Network mode"

- 2 "4G/3G/GSM (auto connect)"/"3G/GSM (auto connect)"/"GSM only"

■ Date and time

When "Automatic date and time" in "Date and time" is set to ON, the clock time and time difference of the terminal is corrected by receiving information about time/time difference from the network overseas operator.

- Depending on the network provided by overseas network operator, time/time difference correction may not be performed correctly. In that case, set time zone manually.
- Correction timing varies by overseas network operator in connection.
- "Date and time" (P.126)

■ About inquiries

- For loss or theft of the terminal or docomo nano UIM card, immediately contact DOCOMO from the spot to take the necessary steps for suspending the use. Please see the last page of this manual for contact information. You can carry out the procedure to suspend the use from My docomo. Note that you are still liable for the call and communication charge incurred after the loss or theft occurred.
- For using from land-line phone, entering "International call access code" or "Universal number international prefix" for the country is needed.

Making/Receiving a call in the country you stay

Making a call to outside country you stay (including Japan)

You can make a call from the country you stay to other country using the international roaming service.

- For details on available countries, network operators, etc., refer to NTT DOCOMO website.

1 From the Home screen,  → "Dial"

2 + (Touch and hold "0") → Country code → Area code (city code) → Enter a phone number of the other party

- Please omit the prefix "0" in the area code (city code). However, "0" maybe required to dial to some countries or areas such as Italy.

3 

- To make a video call,  → "Video call".

4 to end a call 

Information

- For the details of video calls, refer to "Making a call" (P.52).
- You can also make a call to a country whose country code is set to "Country code" in "Assist international call" with "Automatic conversion" ON, enter from an area code →  → "Call to <country name>".
 - * In <country name>, a country name set to "Country code" in "Assist international call" appears. By default, it is set to "日本 (JPN)"(+81).

Making a call within the country you stay

You can make a call to a land-line phone or mobile phone in the same way as in Japan.

1 From the Home screen,  → "Dial"

2 Enter a phone number of the other party

3 

4 When the call ends, 

Making a call to WORLD WING user overseas

If you call to an overseas "WORLD WING" user, please make a call as an international call to Japan even when he/she is in the country you stay.

- Regardless of in what country you stay, the communication is always performed via Japan. Add prefix "+" and "81" (Country code of Japan), just like when you make an international call to Japan, and then entering a phone number omitting leading "0".

Receiving a call in the country you stay

You can receive a call in the same way as in Japan.

Information

- An incoming call during the international roaming is forwarded internationally from Japan regardless of which country the call is from. A caller is charged for a call fee to Japan, and the receiver is charged for a reception fee.
- Even if the other party calls with the caller ID notified, depending on the overseas network operator, the caller ID may not be notified. Or depending on the network the other party uses, the caller ID may be notified in the different number from the other party's caller ID.
- For overseas use, "Block numbers" (P.59) may not work.

Making a call from the other party

- **To have the other party in Japan call you overseas**
Have your phone number dialed as a domestic call in Japan.
- **To have the other party make a call from the outside Japan to the terminal in the country you stay**
Regardless of countries, you will receive a call via Japan. The other party should dial with prefix an international access code and "81" (Country code of Japan).
International access code of the country the dialer stays -81-90 (or 80, 70) -XXXX-XXXX

International roaming settings

Make settings for international roaming service.

- Depending on the overseas network operator, roaming cannot be set up in some cases.

1 From the Home screen,  →  → "Call settings" → "Roaming"

2 Change settings as required

Item	Description
Restricting incoming calls	Restrict incoming phone calls during international roaming.
Incoming notification while roaming	Notify you via SMS when you could not answer the phone when out of range, etc. while internationally roaming.
Roaming guidance	Play guidance to inform the person who calls you while you are internationally roaming that you internationally roaming.
Assist international call	→ P.137
Network services	→ P.138

■ Setting Assist international call

1 From the Home screen,  →  → "Call settings" → "Roaming" → "Assist international call"

2 Select an item

Item	Description
Automatic conversion	Add international prefix or country code automatically.
Country code	Select country code used for automatic conversion.
International prefix	Select international prefix for automatic conversion.

■ Setting network service (overseas)

Set network services such as Voice mail from overseas.

- Activate "Remote operation" (P.58) beforehand.
- If you make the settings overseas, you are charged a call fee from the country you stay to Japan.
- Depending on the overseas network operator, they cannot be set in some cases.

1 From the Home screen,  →  → "Call settings" → "Roaming"

2 "Network services" → Select target service

Item	Description
Remote operation (paid)	Set whether to start the remote operation.
Caller ID display request (paid)	Play a guidance asking for notifying the caller's phone number when there is an incoming call without notifying the phone number.
Noti. while roaming (paid)	→ P.137
Roaming guidance (paid)	→ P.137
Voicemail service (paid)	Take messages from callers when you are in a place the signal does not reach or turn off the terminal. (Separate subscription required)
Call forwarding (paid)	Forward incoming calls to another mobile phone etc. that is registered in advance. (Separate subscription required)

3 Operate according the screen display

4 Operate according to the voice guidance

After returning to Japan

After returning to Japan, restore to the settings which are made before you traveled.

■ When using packet communication overseas

- Set "Data roaming" (P.135) to ON.

■ If you cannot connect to DOCOMO network automatically after returning to Japan

- Set "Network mode" of "Mobile networks" to "4G/3G/GSM (auto connect)" (P.135).
- Set "Network operators" of "Mobile networks" to "Select automatically" (P.135).

Appendix/Index

Troubleshooting (FAQ)

Troubleshooting

- If you suspect the terminal does not operate correctly, you can check with diagnostics by yourself. For details, see NTT DOCOMO website. <https://www.nttdocomo.co.jp/support/trouble/repair/> (In Japanese only)
- First, check if software update is needed and if it is necessary, update the software (P.147).
- When problems do not improve after checking the following items, contact the phone number given in "Technical Inquiries & Repairs" on the last page (in Japanese only) or DOCOMO-specified repair office.

□ Power

Trouble	Check and remedy
Cannot turn on the terminal.	• Is the battery exhausted? → P.26
Screen is frozen, cannot turn off the power	• Restart the terminal forcibly by pressing and holding [Power/Screen lock key] and Volume DOWN key for 7-8 seconds when the screen is frozen or you cannot turn the power off. * Note that data and the settings may be erased since the operation restart forcibly.

□ Charging

Trouble	Check and remedy
Cannot charge the terminal	• Is the adapters power plug inserted to the outlet or accessory socket correctly? • Are the adapter and terminal inserted correctly? • When using an AC adapter (sold separately), are the Type-C plug of the AC adapter and terminal inserted correctly? → P.26 • When using a USB cable A to C 01 (sold separately), is the power of the PC turned on? • If you execute calls, communications or other operations for a long time while charging, the terminal may become hot and charging may fail. In this case, wait until the temperature of the terminal drops down and retry charging.

❑ Operating terminal

Trouble	Check and remedy
The terminal, etc. become hot while operating/charging	While operating or charging, or if you operate apps or watch TV (1Seg) for a long time while charging, the terminal or adapter may become hot. There is no operation problems and you can continue to use it.
The operation time provided by the battery is short	- Is the terminal left out of service area for a long time? Out of service area, a lot of power is consumed to search available radio waves. - The operation time provided by the internal battery varies by the operating environment and battery deterioration. - The internal battery is a consumable part. The usage duration of the battery per one charge decreases gradually each time the battery is recharged. When the operation time is too short even the terminal is fully charged, contact the phone number given in "Technical Inquiries & Repairs" on the last page (In Japanese only) or DOCOMO-specified repair office. - Are multiple apps activated? Exit from all apps. → P.45 - When not using Wi-Fi or Bluetooth function, turn the setting OFF. → P.101, P.130
No operation is performed even when tapping the touch screen	Is the screen locked? Unlock the screen with [Power/screen lock key]. → P.27, P.113
The touch screen reacts slowly when a screen is tapped	- It may occur when large amount of data is saved in the terminal or transferring large-size data between the terminal and microSD card. - Do you attach a protection sheet on the terminal? The operations may be impeded by the protection sheet.
The docomo nano UIM card is not recognized	Is the docomo nano UIM card installed with a correct direction? → P.21

Trouble	Check and remedy
The clock is not on time	When the terminal is turned ON for a long time, the clock may go wrong. Make sure that "Automatic date and time" is set and turn on the terminal at places where signal is strong. → P.126
Terminal operation is unstable	- It may be caused by apps installed to the terminal after purchase. If problems improve when you start in Safe mode (a function to activate the terminal in a mode similar to default), problems may be improved by uninstalling the app. - To start Safe mode - Press [Power/Screen lock key] for 2 seconds or longer when power is OFF, and after docomo logo disappears, continue to press Volume DOWN key. - When power is ON, press [Power/Screen lock key] for 1 second or longer → Touch and hold "Power off" → Tap "Safe mode". * When Safe mode starts, "Safe mode" appears on the lower left corner of the screen. * To terminate Safe mode, turn on the terminal again. - For using Safe mode, back up necessary data beforehand. - Note that apps or widgets may be removed. - Safe mode is not normal activation. Usually exit Safe mode and then use the terminal.
Terminal reacts slowly/Behaviors become unstable/Some programs cannot activate	Confirm the internal memory usage of the terminal and obtain memory by ending some activated programs. → P.111
Data is not displayed properly/ Cannot operate the touch screen properly	Turn off and on the power. If it does not solve the problem, trying "Factory data reset" (P.126) may improve the symptoms. Note that the operation erases all data saved on the terminal. Make sure to back up necessary data beforehand.

Trouble	Check and remedy
App does not work properly (cannot activate, errors occur frequently, etc.)	Are there any apps being disabled? Enable the disabled apps and try again. → P.112

□ Calling

Trouble	Check and remedy
Cannot make a call even though Call key is tapped	- Is the docomo nano UIM card correctly installed to the terminal? → P.21 - Is the terminal set to Airplane mode? → P.103
The ringtone does not sound	- Is the terminal set to Silent mode (Vibrate, Mute)? → P.107 - Is "Ringtone" set to "Silent"? → P.107 - Do you set "Volume" to the minimum? → P.107 - Do you set "Block numbers"? → P.59 - Is the terminal set to Airplane mode? → P.103 - Is the ring time of Voice mail service or Call forwarding service to "0 sec."? → P.58 - Is Play answering message after set to "0 sec."? → P.57
Cannot connect calls (out of area does not disappear even when you change the location, or cannot make/receive a call even when radio wave is strong)	- Turn the power off and on, or remove and attach the docomo nano UIM card. → P.21, P.27 - Due to the radio wave types, making/receiving calls may be unavailable even in the service area and even when strong radio wave is indicated in 4 signal marks. Move to another place and call again. - Do you set "Block numbers"? → P.59 - Due to the crossing of radio waves, at the crowded public places, calls/mails are crossed and the connection status may not be good. In that case, calling sound is played. Move to other place or call later. Move to other place or call again at other time.

Trouble	Check and remedy
Cannot connect to network	- Do you use the terminal at a place where signal is weak? - Turning the terminal power OFF and ON again may work for the restoration. → P.27

□ Display

Trouble	Check and remedy
The display is dimmed	- Is the time set on "Screen timeout" over? → P.109 - Is brightness of the display adjusted? → P.109 - Is Power saving mode set? → P.111 - Is the battery level low? → P.127

□ Voice command

Trouble	Check and remedy
During a voice call, the other party's voice is hard to be heard to or too loud	Do you change the call volume? → P.107

□ Mail

Trouble	Check and remedy
Mail is not received automatically	- Do you set "Sync account" OFF? Set it to ON. → P.71 - Do you set "Set sync schedule" on "Sync schedule" to "Manual"? Set Sync schedule. → P.71
Attached file is deleted and images cannot be viewed	Check "Limit retrieval size". → P.71

❑ Camera

Trouble	Check and remedy
Still images and videos shot with the camera are blurred	Check if clouds or dirt attach to the lens of camera.

❑ TV (1Seg)

Trouble	Check and remedy
Cannot watch TV (1Seg)	- Are you in an area where outside the digital terrestrial broadcasting area or where an air wave is weak? - Check if you set area information. → P.91 - Do you connect External TV antenna cable SC04 to the terminal? → P.89

❑ Osaifu-Keitai

Trouble	Check and remedy
Cannot use Osaifu-Keitai	- If you activate Omakase Lock, Osaifu-Keitai function cannot be used regardless of NFC/Osaifu-Keitai lock settings. - Is NFC/Osaifu-Keitai set to lock? → P.87 - Check if you hold the  mark position on the terminal over a reader. → P.87

❑ International roaming

Trouble	Check and remedy
Cannot use the terminal overseas	■ If the signal mark is displayed - Do you subscribe to WORLD WING? Check if you subscribe to WORLD WING. ■ When "out of area" is displayed - Are you out of the service area of the international roaming service or in weak radio wave area? Check if it is available service area or overseas network operator with NTT DOCOMO website. - Try to change the network settings or settings for overseas communication operator. Set "Network mode" to "4G/3G/GSM (auto connect)". → P.135 Set "Network operators" to "Select automatically" → P.135 - Turning the terminal power OFF and ON again may work for the restoration. → P.27
Cannot perform data communication overseas	Set "Data roaming" to ON. → P.135
Cannot use the terminal suddenly while using overseas	Is the limit of maximum charges for use exceeded? For use of "International roaming (WORLD WING)", the limit of maximum charges for use is set in advance. If exceeding the limit of maximum charges for use, pay the charges.
There is no incoming call overseas	Is "Restricting incoming calls" set to "Turn on service"? → P.137

Trouble	Check and remedy
No caller ID is notified/A notified caller ID is different from that of the caller/ Functions using contents saved in phonebook or Caller ID notification do not operate	Even though a caller notifies the caller ID, it is not displayed on the terminal if the network or network operator does not notify the ID. And, a notified caller ID may be different from that of the caller by some networks or network operators you use.

❑ Data management

Trouble	Check and remedy
Data transfer is not performed	Do you use USB HUB? If you use USB HUB, operations may not be performed correctly.
Data saved in microSD card is not displayed	- Mount microSD card. → P.111 - Remove and attach microSD card. → P.24
Image is not displayed	 may appear if image data is broken.
No operation is performed even by connecting the terminal to a PC	Install Galaxy Smart Switch or Windows Media Player 10 or later to a PC.
 appears on the status bar.	It appears when available space of the system memory (terminal) is low. If you use the terminal with this condition, some functions or apps may not work. Delete app or data such as media contents, etc. to ensure available space. → P.48, P.129

❑ Bluetooth

Trouble	Check and remedy
Cannot connect to Bluetooth device/ Bluetooth device cannot be found by scanning	Make the Bluetooth device (commercial item) registration stand-by state first and register the device on the terminal. If you register the device again after deleting the registration, delete the registrations on both Bluetooth device and the terminal, and then newly register the device.
Cannot call from the terminal with external device connected such as a car navigation or hands-free device.	If calls are made several times when the other party does not answer or is out of service, the call to this number may be disabled. In this case, turn the terminal OFF and ON.

❑ Maps/GPS function

Trouble	Check and remedy
Cannot set AUTO-GPS service information	- Is AUTO-GPS disabled because battery is low? If AUTO-GPS is disabled due to "Low-power operation settings", AUTO-GPS service information cannot be set. In this case, set "Low-power operation settings" for "AUTO-GPS" to "Not suspend" or charge the battery. → P.26, P.122 - Is "AUTO-GPS operation settings" for "AUTO-GPS" turned OFF? → P.122

Error messages

Error messages	Cause and remedy	Page
The application XXXX has stopped unexpectedly./ XXXX(process) has stopped.*	Appears when an error occurs in the terminal or function. Tap "Force close"/"OK" and then retry.	-
Mobile network not available.	The docomo nano UIM card is not correctly installed to the terminal. Make sure that the docomo nano UIM card is correctly attached.	P.21
Please wait for a while (Voice service)./ Please wait for a while (Data service).	Appears when communication is restricted due to access congestion on call/communication. Operate again after the restriction is released.	-
Request to switch to video call failed.	Appears when switching to video call fails. Switching is not possible during emergency call and audio guide, when the other party is using Catch Phone (call waiting service), when calling outside the service area, etc.	P.53 P.55
Request to switch to voice call failed.	Appears when switching to voice call from video call fails due to connection error, etc. Please wait for a while and try the operation again.	P.55
Unable to dial	Appears when making video call fails. Make sure that you are in service area, and check the calling mode settings, settings of mobile network, etc.	P.52
Unable to update software. A network or server error occurred. Try again later.	Communication with the server is failed. Please wait for a while and try the operation again.	P.147

Error messages	Cause and remedy	Page
Camera failed.	Appears when activating Camera fails. Wait for a while and retry the operation or turn the power off then turn on the terminal. Check the battery level and available memory space of the terminal.	P.27 P.78 P.111 P.127
Recording failed.	Appears when camera recording failed. Exit the camera app and restart the app.	P.78
Disabling built-in apps, may cause errors in other apps.	If you disable app, other apps linking to the disabled app may not work properly. When you disable an app by tapping "DISABLE" and the other app does not work correctly, enable the app.	P.112
Unfortunately, XXXX (process.com. android.browser) has stopped.	Appears when an error occurs in the browser. Tap "OK" and wait for a while, then retry the operation.	P.75

* XXXX indicates app or function name in which an error occurred.

Anshin Enkaku Support

By sharing screens of your terminal with an operator of Anshin Enkaku Support center, you can receive technical support to make settings, use apps, or connect peripheral devices such as PC, etc. (In Japanese only)

- This service is not available when the docomo nano UIM card is not inserted, when using the international roaming, or in the Airplane mode.
- Anshin Enkaku Support is a paid service that requires subscription.
- Some operations and settings are not supported.
- For details of Anshin Enkaku Support, refer to NTT DOCOMO website.

■ Share the screen with operator (Inquiries by phone)

1 Call あんしん遠隔サポートセンター (Anshin Enkaku Support center for smartphone)

From DOCOMO mobile phones : (No prefix) 15710 (toll free)

From land-line phones : ☎ 0120-783-360

Business hours 9:00 a.m. to 8:00 p.m. (open all year round)

To call Anshin Enkaku Support from the terminal, from the Home screen, "apps folder" → "遠隔サポート (Enkaku Support)" → "電話で問い合わせる (Inquiry by phone)" → "Phone"/"Dial".

2 From the Home screen, "apps folder" → "遠隔サポート (Enkaku Support)"

3 "接続画面に進む (Go to connection screen)" → "同意する (Agree)"

4 Enter connection number notified by DOCOMO

5 Enkaku support starts when you are connected

You can also use a Q&A website that is only for Anshin Enkaku Support subscribers and contact an operator with LINE.

* You cannot use screen sharing inquires by LINE.

■ Troubleshooting on the Q&A website

1 From the Home screen, "apps folder" → "遠隔サポート (Enkaku Support)"

2 "Q&A サイト/ アプリで調べる (Inquiry by Q&A/app)"

■ Contacting an operator with LINE

1 From the Home screen, "apps folder" → "遠隔サポート (Enkaku Support)"

2 "LINE で問い合わせる (Inquiry by LINE)"

Warranty and After-Sales Service

Warranty

- The warranty is valid for a period of one year from the date of purchase.
- The external TV antenna cable SCO4, SIM ejector tool, Micro USB cable and USB conversion adapter for OTG are not covered by the free repair warranty.
- The SIM ejector tool, Micro USB cable and USB conversion adapter for OTG are sample. Refer to For Inquiries about Sample.
- The specifications and appearance of the terminal and all accessories are subject to change for the sake of improvement without prior notice.
- Malfunctions, repair or other handling of the terminal may cause contents in the phonebook etc. to be altered or deleted. DOCOMO recommends making a copy of the Contacts data etc., in case.
- * Data such as phonebook entries in the terminal can be saved in a microSD card.
- * Data such as phonebook entries can be backed using docomo cloud.

Conditions for free repair

- 1 If you use the terminal in accordance with the warnings stated in this manual and faults occur within the warranty period, the terminal will be repaired for free. (Your terminal may be replaced with an equivalent instead of repairing it.)
- 2 The following case are not subject to free repair even if they occur during the warranty period:
 - (1) Faults and damage caused by modifications (including software modifications).
 - (2) Faults and damage caused by the terminal, display, and/or external jack breaking from external pressure or being dropped, or faults and damage caused by the motherboard inside the terminal breaking or deforming.
 - (3) Faults and damage caused by fires, pollution, abnormal voltage, earthquakes, thunder, floods, or other natural disasters.
 - (4) Faults and damage caused by connecting devices and consumables to the terminal that are not DOCOMO-approved.
 - (5) Faults and damage caused by water entering the terminal, the terminal's water leak seal is showing signs of leaks, indications that the terminal was dropped in water or signs of leaking were discovered, or corrosion caused by condensation or the like is discovered.
 - (6) The case where you have repaired at a location other than the brochure window specified by DOCOMO.

- 3 This warranty is valid only in Japan.
- 4 This warranty is for free repairs in the stated period and conditions, and does not restrict lawful customer rights.
- 5 If there are multiple defects on the terminal, all the defects will be repaired as product quality cannot be guaranteed by just fixing some faults. In that case, some faults may not be subject to free repair.
- 6 Regardless of whether repairs were performed or not, terminals that underwent performance testing will be returned with the latest software updates.
- 7 See the repairs result form that you receive once repairs are complete to check the date of repairs and what repairs were performed.

<Sales>

NTT DOCOMO, INC.

1 1-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo Japan

After Sales Services

When problems occur

Before repair, read "Troubleshooting" in this manual.

If the problem still persists, contact "Technical Inquiries & Repairs" on the last page of this manual (In Japanese only).

If the result of inquiries indicates that a repair is required

Take your terminal to DOCOMO-specified repair office. Be sure to check the business hours of the repair office before you go. Note that, repair may take longer time depending on the state of damage.

■ After expiration of the warranty

All repairs that are requested are charged.

■ Replacement parts

Replacement parts (parts required to maintain functions) will in principle be kept in stock for 4 years after termination of production.

For details about technical inquiries and repairs, see NTT DOCOMO website.

<https://www.nttdocomo.co.jp/support/trouble/repair/shop/compatible/index.html> (In Japanese only)

However, depending on the malfunctioning part, repair may not be possible due to a lack of replacement parts. Please contact a repair counter specified by DOCOMO.

Notes

- Do not modify the terminal or its accessories.
 - Doing so may cause fire, injury or damage.
 - The modified terminal may be repaired only if the owner agrees on that all the modified parts are restored to the original conditions. However, repairs may be refused depending on the modifications. The following cases may be regarded as modifications.
 - › A sticker etc. is put on the display or key part
 - › The terminal is embellished with adhesive material etc.
 - › Exteriors are replaced with other than DOCOMO's genuine parts
 - Repair of failures or damage caused by modification is charged even during the warranty period.
- Function settings and information may be cleared (reset) by malfunctions, repair or other handling of the terminal. Should that happen, set up the functions again. Depending on the setting, a packet communication charge may be applied. A packet communication fee may be charged due to the settings.
- When the repair is executed, MAC address of Wi-Fi/Bluetooth address in the terminal may be changed regardless of repaired part.
- Do not allow cash cards or other devices that are vulnerable to magnetism to come into contact with the terminal.
- The terminal is waterproof. If inside of the terminal gets wet or moist, immediately turn the power off, bring the terminal to a repair office as soon as possible. However, repair may not be possible depending on the condition of terminal.

Precautions on data created by you and downloaded data

Note that data you created, retrieved or downloaded from sources other than your terminal may be changed or lost when you change the model or have repairs done to the terminal. DOCOMO shall have no liability for any change or loss of any kind. Please understand beforehand that you can not be compensated by DOCOMO for packet communication charges generated by re-downloading data. Under some circumstances, DOCOMO may replace your terminal with its equivalent instead of repairing it. When replacing your phone, most of the above-mentioned data cannot be transferred to the new phone.

Updating software

Software update

Download update file for the terminal from the download site on the Internet and update the software. For software update, there are 2 methods; connecting to the network directly on the terminal and using Galaxy Smart Switch PC (P.133) installed to a PC.

Precautions on software update

Software update can be done with the data saved to the terminal remained. However, note that depending on your terminal condition (malfunction, damage, water-soaked, etc.), the data may not be protected. You are recommended to back up the user information and data in the terminal just in case. However, some data may not be backed up.

- Prepare the followings before software update.
 - Exit all programs running on the terminal (P.45)
 - Charge the terminal (P.26) to make the battery level enough.
- For updating software by connecting the terminal to network directly, you are recommended to perform in a place with good signal condition, without moving. When the signal condition is bad, software update maybe interrupted.
- It may take time to update software (download and installation of update files).
- During the installation of the update files for software update, all functions including making/receiving phone call are not available.
- To update the software while you are overseas, connect to Wi-Fi network (with the DOCOMO nano UIM card removed).
- When you cannot perform any operations because of the failure of the software update, please take your terminal to DOCOMO-specified repair office.

Updating software only with the terminal

You can update the software of the terminal by connecting network with the terminal.

- 1** From the Home screen, "apps folder" → "Settings" → "Software update" → "Download updates manually"
 - If you permit downloading a file only when connecting via Wi-Fi, set "Download updates automatically" to ON.
- 2** Operate following the onscreen instructions
 - After update file is downloaded and operation for update is performed, the terminal restarts and update starts. During update, some functions such as making calls cannot be used.

Information

- After downloading the software, you may postpone the installation by tapping either "LATER" or "INSTALL OVERNIGHT" on the installation confirmation screen. You can start the installation immediately by performing the following steps, even after you have postponed the installation:
 - From the Home screen, "apps folder" → "Settings" → "Software update" → "Download updates manually" → "INSTALL NOW"
 - Open the notification panel → "Software update" → "INSTALL NOW"
- Depending on update contents, available network may be restricted.

Main specifications

Phone

Product name		SC-02L
Size		Height: Approx. 149 mm Width: Approx. 70 mm Thickness: Approx. 8.4 mm (Thickest part: Approx. 8.5 mm)
Weight		Approx. 168 g
Display	Type	Super AMOLED (OrganicEL)
	Size	Approx. 5.6 inch
	Number of colors	16,777,216 colors
	Resolution	720 (W) pixels x 1480 (H) pixels (HD+)
Internal memory		ROM 32GB ^{*1} RAM 4GB
Internal Battery	Battery used	Li-ion battery
	Nominal voltage	DC3.85V
	Nominal capacity	3000mAh
Continuous stand-by time ^{*2, *3}	LTE	Stationary (Auto): Approx. 450 H
	3G	Stationary (Auto): Approx. 530 H
	GSM	Stationary (Auto): Approx. 450 H
Continuous call time ^{*3}	LTE (VoLTE)	Approx. 1090 min.
	LTE (VoLTE: Video call)	Approx. 460 min.
	3G	Approx. 940 min.
	GSM	Approx. 690 min.
Charging time		AC Adapter 07: Approx. 120 min.
Wireless LAN		IEEE802.1111a/b/g/n/ac compliant (IEEE802.11n: 2.4 GHz/5 GHz)

Bluetooth function	Version ^{*4}	Bluetooth standard Ver. 5.0
	Output	Bluetooth standard Power Class 1
	Vistaed communication distance ^{*5}	Within approx. 10 m
	Compatible profile ^{*6} /codec	HFP (mSBC) (1.7), HSP (1.2), OPP (1.1) HID (1.0), A2DP (aptX/AAC/LDAC) (1.3), AVRCP (1.4), PBAP (1.1.1), PAN (PAN-NAP/PANU) (1.0), SAP (1.1), HOGP (1.0), DI (1.3)
Headphone connection jack		3.5 ϕ earphone jack
	Pole number	Tetrapolar
Image pickup device	Type	Rear camera: Back-illuminated CMOS Front camera: Back-illuminated CMOS
	Size	Rear camera: 1/2.8 inch Front camera: 1/3.1 inch
Number of effective pixels		Rear camera: Approx. 16.0 mil. pixels Front camera: Approx. 16.0 mil. pixels
Number of recording pixels (Max.) on camera		Rear camera: Approx. 15.9 mil. pixels Front camera: Approx. 15.9 mil. pixels
Recording file format	Video	MP4
	Still image	JPEG, AGIF
Zoom Digital	Video	Rear camera: Up to Approx. 4.0 x Front camera: -
	Still image	Rear camera: Up to Approx. 4.0 x Front camera: -
Video shooting time		Up to 33 min. per one item ^{*7}
Video play	Compatible codec	H.263, H.264 (AVC), MPEG4, VC-1, MP43, WMV7, WMV8, VP8, VP9, H.265 (HEVC)
Music play	Compatible codec	MP3, AMR-NB/WB, AAC/AAC+/eAAC+, WMA, Vorbis, FLAC, Opus, AC3, E-AC3, AC4

Continuous 1Seg watching time		Approx. 810 min. ^{*8}
1Seg recording time	Maximum recording time per one	Approx. 600 min.
	Recording time per 1GB	Approx. 300 min.
Languages	Display language	Japanese/English/Korean/Chinese/Portuguese/Vietnamese
	Input language (character input)	Japanese/English/Korean
Answering message	Savable number	No limit ^{*9}
	Maximum recording time per one	Up to approx. 13 H
Number of call logs that can be displayed		Up to 500

- *1 You cannot use all of the space of memory for saving data such as shot videos and still images, downloaded apps or data, etc. For available memory space, see "Storage" (P.111).
- *2 Continuous stand-by time is the estimated average operation time when radio signal reception is normal in the stationary state.
- *3 Continuous stand-by time varies greatly according to the terminal settings, usage environment, use frequency of calling/mail/camera, etc. When the use frequency of each function is high, actual usage time may be less than half.
- *4 It is confirmed that the terminal and all Bluetooth devices are compliant with Bluetooth standards designated by Bluetooth SIG, and they are authenticated. However, procedures may differ or data transfer may not be possible depending on the Bluetooth device's characteristics or specifications.
- *5 May vary by the signal status and/or whether there is interference between communications devices.
- *6 Bluetooth standards for Bluetooth device connection procedure according to the product's apps.
- *7 It is shooting time when video resolution is 1920×1080 (FHD).
- *8 It indicates the time when using in vertical screen and earphone/microphone.
- *9 Maximum savable number varies by available memory space in the terminal.

□ External TV antenna cable SC04

Length	Approx. 130 mm
Weight	Approx. 5 g

Specific Absorption Rate (SAR) of Mobile Phones

Specific Absorption Rate (SAR) of Mobile Phones

This model [SC-02L] mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone was designed in observance of Japanese technical regulations regarding exposure to radio waves(*1) and limits to exposure to radio waves recommended by a set of equivalent international guidelines. This set of international guidelines was 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 condition.

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of 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 0.896 W/kg (*2) and when worn on the body is 0.7 W/kg (*3). There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

The actual SAR of this mobile phone while operating can be well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device.

This mobile phone can be used in positions other than against your head. Please keep the mobile phone farther than 1.5 cm away from your body by using such as a carrying case or a wearable accessory without including any metals. This mobile phone satisfies the technical regulations and international guidelines.

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 WHO website if you would like more detailed information.

http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm

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

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

Association of Radio Industries and Businesses Website:
<http://www.arib-emf.org/O1denpa/denpa02-02.html> (in Japanese only)

NTT DOCOMO, INC. Website:
<https://www.nttdocomo.co.jp/english/product/sar/>

Galaxy Website:
<http://www.samsung.com/sar/sarMain.do>
→ Select "JAPAN" from "LOCATION" → Type "SC-02L" in Phone Model field
→ "GO"

- *1 Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).
- *2 Including other radio systems that can be simultaneously used with LTE/FOMA.
- *3 Including other radio systems that can be simultaneously used with LTE/FOMA.

FCC notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

FCC RF exposure information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset when tested for use at the ear is 0.92 W/kg and when worn on the body, as described in this user guide, is 0.43 W/kg.

Body-worn operation

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 1.5 cm from the body.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of <https://www.fcc.gov/oet/ea/fccid> after searching on FCC ID A3LSC02L. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website at <http://www.ctia.org/>.

The terminal acquires the certification of the Federal Communications Commission (FCC).

FCC ID of the terminal can be viewed by the following steps.

To view the FCC ID:

From the Home screen, tap "apps folder" → "Settings" → "About phone" → "Regulatory information".

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.822 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide. In this case, the highest tested SAR value is 1.631 W/kg.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

Declaration of Conformity

Product details

For the following

Product : GSM WCDMA LTE Bluetooth/Wi-Fi Mobile Phone

Model(s) : SC-02L

Declaration & Applicable standards

We hereby declare, that the product above is in compliance with the essential requirements of the Radio Equipment Directive (2014/53/EU) by application of:

SAFETY	EN 50360 : 2017	EN 50566 : 2017
	EN 50663 : 2017	
	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013	
EMC	Draft EN 301 489-19 V2.1.0 (03-2017)	Draft EN 301 489-3 V2.1.1 (03-2017)
	Draft EN 301 489-52 V1.1.0 (11-2016)	EN 301 489-1 V2.1.1 (02-2017)
	EN 301 489-17 V3.1.1 (02-2017)	EN 55035 : 2017
RADIO	EN 300 328 V2.1.1 (11-2016)	EN 300 330 V2.1.1 (02-2017)
	EN 300 440 V2.1.1 (03-2017)	EN 301 511 V12.5.1 (03-2017)
	EN 301 893 V2.1.1 (05-2017)	EN 301 908-1 V11.1.1 (07-2016)
	EN 301 908-13 V11.1.2 (07-2017)	EN 301 908-2 V11.1.2 (08-2017)
	EN 303 413 V1.1.1 (06-2017)	

and the Directive (2011/65/EU) on the restriction of the use of certain hazardous substances in electrical and electronic equipment by application of EN 50581:2012.

The Notified Body TÜV SÜD BABT, 0168 has reviewed the technical file for the product to assess the compliance of the product with requirements of the RED 2014/53/EU and has issued the EU-type examination certificate:RED1046i01

Samsung Electronics QA Lab.
Blackbushe Business Park
Saxony Way, Yateley, Hampshire
GU46 6GG, UK*



2018.08.28

(Place and date of issue)

Stephen Colclough / Director of Regulatory Affairs

(Name and signature of authorized person)

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

Export Administration Regulations

This product and its accessories may be under coverage of the Export Administration Regulations of Japan ("Foreign Exchange and Foreign Trade Control Laws" and related laws and regulations). Additionally, it may also be under coverage of the Export Administration Regulations of the U.S. When exporting this product and its accessories, take necessary procedures on your responsibility and expense. For details, contact Ministry of Economy, Trade and Industry of Japan or U.S. Department of Commerce.

Intellectual Property Right

Copyrights

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Portrait rights

Portrait rights are claimable rights against taking photos by others, publishing or using the taken photos without any permission. In Portrait rights, there are moral right authorized to everyone and property right (publicity right) focused on economic benefit of talent etc. Therefore, taking photos of others or talent, publishing or distributing the photos without any permission are illegal act. Please use the camera function properly.

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- "Catch Phone (Call waiting service)" is a registered trademark of Nippon Telegraph and Telephone Corporation.

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- Other products and company names written in this manual are registered trademarks or trademarks of each company.

Others

- This product is licensed based on MPEG-4 Visual Patent Portfolio License. The use of MPEG-4 Video Codec function is allowed for personal and nonprofit use only in the cases below.
 - Recording moving pictures that conform to MPEG-4 Visual Standard (hereinafter referred to as MPEG-4 Video)
 - Playing MPEG-4 Videos recorded personally by consumers not engaged in profit activities
 - Playing MPEG-4 Video supplied from the provider licensed from MPEG-LA.

For further utilizing such as promotion, in-house use or profit-making business, please contact MPEG LA, LLC in U.S.

SIM unlock

This terminal supports SIM unlock. If you release SIM lock, you can use SIM by a carrier other than NTT DOCOMO.

- Available services and functions may be limited. DOCOMO is not liable to any failures or malfunctions.
- For details on unlocking SIM lock, refer to NTT DOCOMO website.

- 1 Insert the other company's SIM card**
- 2 Start up the terminal, and release the screen lock**
- 3 Enter SIM unlock code**
- 4 "UNLOCK"**

Information

- If the SIM lock release code is incorrectly entered 10 times in a row, the SIM lock release will be blocked.
- You can check the SIM lock release code status via the lock screen when starting up the terminal.

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Use mobile phone with your manners!

Remember to be courteous to others when you use your terminal.

Always turn OFF your terminal in cases below

■ In a place where use of mobile phone is prohibited

Follow the instructions of each airline or medical facility for the use of mobile phones on their premises. Power off the terminal in a place where the use is prohibited.

Always set to public mode in case below

■ When driving

There is a penalty for holding or using the terminal while driving.

However, absolutely necessary cases such as rescue of a sick person or maintaining public safety are exempted.

■ In public places such as a theater, movie theater or art museum

Using the terminal in quiet public places will likely bother other people.

Be considerate of where you use your terminal and keep your voice and ringtone down

■ Keep your voice down in quiet places like restaurants and hotel lobbies, etc.

■ If you are in an outdoor public place, make sure you do not disturb others.

Consider privacy

■ Please be considerate of the privacy of individuals around you when taking and sending photos using camera-equipped mobile phones.

Do not use smartphone while walking

■ It is very dangerous to look at a display of smartphone or mobile phone while walking. That extremely narrows your field of view, and may lead an accident possibly involving surrounding people.

■ Stop in a safe place and then use smartphone.

Functions designed for public use

There are some advanced settings such as not answering incoming call or muting sound, etc.

■ Public mode (turn off) (P.58)

Tells the caller via a guidance message that receiver need to turn the power off, and the call ends automatically.

■ Vibration (P.107)

Notify the call by vibration.

■ Silent mode (Vibrate, Mute) (P.107)

Mute sound/ringtone, etc.

* Shutter sound cannot be muted.

Besides these things, option services such as Voice Mail Service (P.58), Call Forwarding Service (P.58) etc. are available.

Checking usage charge, usage status, subscription information, or make various application online

From the terminal dメニュー (dmenu) → "My docomo (お客様サポート (Customer support))" (In Japanese only)

From PC My docomo (<https://www.nttdocomo.co.jp/mydocomo/>) (In Japanese only)

- There are cases where the site may not be available due to system maintenance, etc.
- "Network security code" or "docomo ID/Password" is required to use "My docomo".



モバイル・リサイクル・ネットワーク
携帯電話やPHSのリサイクルにご協力。

Bring no longer needed mobile telephones, etc. to your nearest docomo Shop to be recycled regardless of whether the products were manufactured by DOCOMO or by other companies.

* Items to be collected:

General Inquiries <docomo Information Center>

■ From DOCOMO mobile phones
(In Japanese only)

 (No prefix) **151** (toll free)

* Unavailable from land-line phones, etc.

■ From land-line phones

 **0120-800-000** (toll free)

* Unavailable from part of IP phones.

Business hours: 9:00 a.m. to 8:00 p.m. (open all year round)

- Please confirm the phone number before you dial.
- For Apps or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo Shop etc. near you on the NTT DOCOMO website.
NTT DOCOMO website <https://www.nttdocomo.co.jp/english/>

For inquiries while overseas (For loss, theft, malfunction, etc.)

■ From DOCOMO mobile phones (In Japanese only)

Before calling, display "+" -81-3-6832-6600* (toll free)

Touch and hold "0" to enter "+".

* You can also call using the international call access number instead of using "+".

■ From land-line phones

**International call access code
for the country you stay -81-3-6832-6600 (charged)**

* You are charged a call fee to Japan.

* For international call access codes, refer to NTT DOCOMO website.

Business hours: 24 hours (open all year round)

- Please confirm the phone number before you dial.
- If you lose your terminal or have it stolen, immediately take the steps necessary for suspending the use of terminal.
- If the terminal you purchased is damaged, bring your terminal to a repair counter specified by DOCOMO after returning to Japan.

Technical Inquiries & Repairs

■ From DOCOMO mobile phones
(In Japanese only)

 (No prefix) **113** (toll free)

* Unavailable from land-line phones, etc.

■ From land-line phones

 **0120-800-000** (toll free)

* Unavailable from part of IP phones.

Business hours: 24 hours (open all year round)

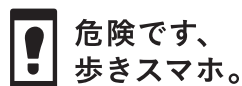
For Inquiries about Sample

■ Galaxy Customer Support Center (In Japanese only)

 **0120-363-905** (toll free)

Business hours: 9:00 a.m. to 8:00 p.m. (open all year round)

- Please confirm the phone number before you dial.
- Check the supplied sample accessories in this manual.



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歩きスマホ。



キケン!
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Don't forget your mobile phone ...
or your manners!

When using your mobile phone in a public place,
don't forget to show common courtesy and
consideration for others around you.

Sales: NTT DOCOMO, INC.
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