NTT docomo

XPERIA 5 II SO-52A

INSTRUCTION MANUAL

Introduction

Thank you for your purchase of "SO-52A".
For proper use of the SO-52A, read this manual carefully before and while you use the SO-52A.

About manuals

● "クイックスタートガイド (Quick Start Guide)" (Supplied accessories)
Part names and functions are explained.

● "Instruction Manual" application (Application of the terminal) (in Japanese only)
Operations and settings of each function are explained.
You can search by free word, open a setting screen or launch an application from a displayed page, etc. Use the terminal more conveniently with this application.

[How to use]
From the Home screen, [apps folder]▶[Instruction Manual]

- When using for the first time, download and install the application according to the onscreen instructions.
- You can also call up "Instruction Manual" application from "my daiz".

- If you uninstall "Instruction Manual" application, access Google Play from Play Store for installing it again. From the Home screen, tap [Play Store], search "取扱説明書 (Instruction Manual)" application to select, then operate it following the onscreen instructions.

● "Instruction Manual" (PDF file)
Operations and settings of each function are explained.
It can be downloaded from NTT DOCOMO website.

❖Note

- Important information for SO-52A is posted in the following website. Be sure to check before using.
https://www.sonymobile.co.jp/support/ (in Japanese only)

Operation descriptions

In this manual, key icons (P.58) are described as ◀, ◯, □.
And operations for selecting icons or items in the key operations on the screens are described as follows.

Description	Operation
Press and hold the camera key for at least 1 second.	Press and hold the camera key on the side of the terminal for at least 1 second.
From the Home screen, ▶Tap .	From the Home screen, tap , and then tap on the next screen.
From the Home screen, [apps folder]▶[Settings]▶[Display].	From the Home screen, tap [apps folder], and then tap "Settings" on the next screen and "Display" on the following screen.
Touch and hold an icon.	Keep touching an icon longer (1-2 seconds).

❖Information

- Please note that "SO-52A" is called as "the terminal" in this manual.
- In this manual, the description is written based on the default state.
- In this manual, the easier procedure is described for the functions and settings which have multiple operating procedures.
- The terminal may have a software update of the operating system (OS) for the purpose of quality improvement or addition of functions. In that case, operation procedure may change. For the information about addition of functions or change of operation procedure, refer to NTT DOCOMO website And some applications that used in the previous OS version may not be available or some unintended bugs may occur.
- In this manual, explanations for "docomo LIVE UX" as Home application are provided (P.77). If you set the other home application, the operations may differ from the descriptions.
- In this manual, screens with "Black" wallpaper are provided for explanation of "Xperia Home" home app.
- The contents of this manual and written URL are subject to change without prior notice.
- Screens and illustrations used in this manual are just images for explanations and may be different from the actual ones of the product.
- Reproduction or reprint of all or part of this manual without prior permission is prohibited.

Supplied accessories

- SO-52A
- 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)
- TV Antenna cable SO02

You can check or purchase optional devices (optional) compatible with the terminal in the DOCOMO online shop.
https://onlineshop.smt.docomo.ne.jp/options/search.html (in Japanese only)

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Precautions

About using the terminal

- The terminal supports 5G, LTE, W-CDMA, GSM/GPRS and wireless LAN systems.
- Because the terminal uses radio frequencies, it is not available inside a tunnel, underground, building or other locations where radio waves do not reach, in a place with weak radio waves, or out of 5G service area or LTE service area. Also, it may not be available on the upper floors of high-rise apartments or buildings, even if there are no obstructions around you. Note that your calls may be disconnected even when you stay without moving in areas with strong radio wave condition indicated with the 4-signal icon.
- Because the terminal uses radio waves to communicate, it is possible that a third party may attempt to tap your calls. However, the LTE, W-CDMA, GSM/GPRS system automatically scrambles all calls through a private call feature. Therefore, even if the third party successfully intercepts your call, they will only hear noise.
- The terminal operates on radio frequencies by converting voice into digital signals. If a caller moves into an area of poor radio wave condition, the digital signal may not be restored accurately, and the voice received in the call may differ slightly from the actual voice.
- The terminal supports the function which allows "User" or "Guest" to use the terminal. Therefore some services or applications recognize them as the same user even after the user is switched. DOCOMO shall have no liabilities for any damage or troubles of customer or a third party resulting from using the function (P.209).
- Note down the data saved to the terminal in a separate note on a regular basis or save to an external recording medium such as a microSD card or PC. Note that DOCOMO assumes no responsibility for any loss of saved data resulting from malfunction, repair, changing of the model or other handling of the terminal.
- As with PCs, some user-installed applications or accessed websites may disrupt the stability of the terminal performance, or unexpectedly transmit information via the Internet causing improper use of your location information as well as personal information recorded on the terminal. Therefore, verify the supplier and operating conditions of the applications or websites before using them.

- The terminal automatically performs communication for synchronizing data, checking the latest software version, and maintaining a connection with the server, and for other purposes. If you transmit a large amount of data, such as when downloading applications or watching video, a packet communication charge becomes high. Subscription to Packet Pack/packet flat-rate service is highly recommended.
- Depending on the applications or service you use, packet communication charge may be applied even in Wi-Fi® communication.
- If available memory in the microSD card or the internal storage is low, running applications may not operate correctly. In that case, delete the saved data.
- Set a password etc. for the screen lock to ensure the security of the terminal in case of loss (P.197).
- If your terminal is lost, change your each account password to invalidate authentication using a PC to prevent other persons from using Google services such as Gmail or Google Play, or SNS, etc.
- For using services and applications provided by the third party's including applications provided by Google LLC, confirm the terms and conditions, etc. specified by Google or the providers. DOCOMO assumes no responsibility for any malfunctions resulting from the services and applications.
- When a license agreement screen etc. appears, follow the onscreen instructions.
- Applications and service contents are subject to change without prior notice.
- For details on usage charge, refer to NTT DOCOMO website.
- Display is manufactured by taking advantage of highly advanced technology but some dots may be always or never lit. Note that, this shows characteristics of the display 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.

- The screen may become partially dark or the colors may be changed if you set the display brightness to brighter than necessary or use the terminal extremely 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.
- DOCOMO is not liable to any failures or malfunctions for commercially available optional equipment.

Recommended features

Cinematography Pro (Cinema Pro)

"Cinema Pro" feature, supervised by Sony professional camera team, is specialized for shooting videos. You can enjoy the operational feeling like shooting with a professional cinema camera, and its imaging. Record of casual daily scenes can be in cinematic impression.→P.145

Multi-window

When you want to "post to SNS while seeing a video" or "search for the Internet when writing email", the Multi-window feature is very useful. The screen can be split in two windows and you can operate applications individually in each window. In the 21:9 ratio large screen of the terminal, a lot of information can be viewed and you can use the Multi-window more comfortably.
Open the multi-window menu from the side sense menu from in the Home screen.→P.57, P.74
Also, the multi-window switch feature allows you to switch applications by swiping the upper or lower pane of the 2-divided screen sideways individually.→P.74

Photography Pro (Photo Pro)

"Photo Pro" is a camera function to realize the professional camera operability and features that are provided by Sony Imaging Products on smartphones and support shooting more creative still images. You can instantly focus on quick or complex movement of object as well as adjust exposure automatically and shoot continuously at high speed, or track movement while focusing on people's eyes.
→P.143
* Available by software update.

Audio

With the original sound tuning developed in collaboration with Sony Pictures Entertainment, you can enjoy sound of movies or games with a feeling of presence as if you are there.→P.192
Also, it can reproduce your music such as CD or MP3 files with high accuracy by original technology so that you can enjoy them in nearly high-resolution audio quality.→P.161

For details of the features, refer to the Xperia™ website (https://www.sonymobile.co.jp/myxperia/ (in Japanese only)).

Safety Precautions (Always follow these directions)

- For safe and proper use of the terminal, please read the "Safety Precautions" prior to use.
- ALWAYS observe the safety precautions since they intend to prevent personal injury or property damage.
- The following symbols indicate the different levels of injury or damage that may result if the guidelines are not observed and the terminal is used improperly.

⚠ DANGER	Failure to observe these guidelines may "immediately result in death or serious injury(*1)".
⚠ WARNING	Failure to observe these guidelines may "result in death or serious injury(*1)".
⚠ CAUTION	Failure to observe these guidelines may result in minor injury(*2) and property damage(*3).

*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 Property damage: This refers to extended damage to buildings, furniture, livestock, pets, etc.

- The following symbols indicate specific directions.

Don't	Indicates prohibited actions.
No disassembly	Indicates not to disassemble.
No liquids	Indicates not to use where it could get wet.
No wet hands	Indicates not to handle with wet hands.
Do	Indicates compulsory actions in accordance with instructions.
Unplug	Indicates to remove the power plug from the outlet.

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

⚠ DANGER

Don't

Do not use, store or leave the equipment in locations subject to high temperature or accumulation of heat (e.g. by the fire, near a heater, under a kotatsu or bedding, in direct sunlight, in a car in the hot sun).
Doing so may cause fire, burns, injury, electric shock, etc.

Don't

Do not put the equipment in or place near microwave ovens, cooking appliances such as IH cooking heaters, or high pressure containers such as pressure cookers.
Doing so may cause fire, burns, injury, electric shock, etc.

Don't

Do not splash sand, soil or mud, or do not directly place the equipment on them. Also, do not touch the equipment with hands with sand etc. adhered.
Doing so may cause fire, burns, injury, electric shock, etc.
For waterproofness/dustproofness, see the following.
⇒P.28 "Waterproofness/Dustproofness"

Don't

Do not charge the terminal when it is wet with liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.). Also, do not charge the terminal in a place where it possibly contacts water such as a bathroom.
Doing so may cause fire, burns, injury, electric shock, etc.
For waterproofness, see the following.
⇒P.28 "Waterproofness/Dustproofness"

Don't

Do not subject the terminal to strong pressure or break the terminal. Especially when the terminal is in a pocket of clothes, do not let it hit against surroundings or put between the objects.
Doing so may cause fire, burns, injury, etc. because of damage of the internal battery.
* The following are examples that you should be careful of:
- Sitting or squatting with the terminal put in a pocket of trousers or skirt
- Letting your outer wear get caught in doors or a door of car when the terminal in the pocket
- Stepping on the terminal on a soft object such as a sofa, bed, or bedding, or on a floor
- Putting the terminal in a seat gap of train, bus, etc.

Don't

Do not attempt to remove the internal battery from the terminal.
Doing so may cause fire, burns, injury, electric shock, etc.

Don't

Do not attempt to remove the back panel from the terminal.
Doing so may cause fire, burns, injury, electric shock, etc.

No disassembly

Do not disassemble or modify the equipment.
Doing so may cause fire, burns, injury, electric shock, etc.

No liquids

Do not let the equipment get wet with liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.).
Doing so may cause fire, burns, injury, electric shock, etc.
For waterproofness, see the following.
⇒P.28 "Waterproofness/Dustproofness"

No liquids

Do not allow liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.) to get inside of the charging jack or the external connection jack.
Doing so may cause fire, burns, injury, electric shock, etc.
For waterproofness, see the following.
⇒P.28 "Waterproofness/Dustproofness"

Do

Use optional devices specified by NTT DOCOMO.
Using a device other than specified may cause fire, burns, electric shock, etc.

⚠ WARNING

Don't

Do not subject the equipment to strong force, impacts, or vibration such as letting it fail, stomping or throwing it.
Doing so may cause fire, burns, injury, electric shock, etc.

Don't

Do not allow conductive materials (such as metal objects and pencil lead) to come into contact with the charging jack or external connection jack or dust to get inside it.
Doing so may cause fire, burns, injury, electric shock, etc.

Don't

Do not cover or wrap the equipment with a cloth or bedding in use or while charging.
Doing so may cause fire, burns, etc.

Don't

Do not attach a metal object (sticker etc. whose material contains metal) to the wireless charger or the terminal.
Doing so may cause fire, burns, injury, etc.

Don't

Do not place a metal object (strap, clip, etc. whose material contains metal) between the wireless charger and the terminal.
Doing so may cause fire, burns, injury, etc.

Do

For charging with the wireless charger, remove the cover etc. from the terminal if it is attached.
Failure to do so may hinder proper charging because of the material or thickness of the cover or foreign object between the terminal and the cover such as dust, and cause fire, burns, injury, etc.

Do

Power off the terminal near electronic devices or equipment operating on high precision control or weak signals.
The radio wave from the terminal may interfere with the operation of electronic devices or equipment.

* The following are some electronic devices or equipment that you should be careful of: Hearing aids, implantable cardiac pacemaker, implantable cardioverter defibrillator, other electronic medical equipment, and other automatically controlled devices or equipment. If you use an implantable cardiac pacemaker, implantable cardioverter defibrillator, or other electronic medical equipment, check with the medical electronic equipment manufacturer or vendor whether the operation can be affected by radio waves.

Do

If charging does not finish after specified time has elapsed, stop charging.
Failure to do so may cause fire, burns, injury, etc. due to overcharge etc.

Do

Power off the terminal before you step into a place where flammable gas generates or a place where dusts are generated. Stop charging if you charge the battery.
May cause explosion, fire, etc. if the flammable gas, etc. catches fire.

Do

Follow the instructions of facility for use in a gas station, etc.
Do not charge the battery in a gas station, etc. Also, be careful not to drop the terminal when using in a gas station etc. Do not use it during oil feeding.
May cause explosion, fire, etc. if the flammable gas, etc. catches fire.

Do

If you notice anything unusual about the equipment such as an unusual odor, abnormal noise, smoke generation, overheating, discoloration or deformation while using or charging, or during storage, take care of safety and perform the following measures.

- Remove a power plug from a power outlet or accessory socket.
- Power off the terminal.

Failure to do so may cause fire, burns, injury, electric shock, etc. if you do not follow the instructions above.

⚠ CAUTION

Don't

Do not use damaged equipment.
Doing so may cause fire, burns, injury, etc.

Don't

Do not place on an unstable or inclined platform. Be careful especially when vibrator is set.
Doing so may cause the device to fall etc. and cause injury.

Don't

Do not use or keep in a place that is very humid, dusty, or subject to high temperature.
Doing so may cause fire, burns, electric shock, etc.
For waterproofness/dustproofness, see the following.
⇒P.28 "Waterproofness/Dustproofness"

Don't

If children use the terminal, parents or guardians should give them the proper instructions for use and do not allow them to use the terminal in the wrong way.
Doing so may cause accidental ingestion, injury, electric shock etc.

Don't

Keep the equipment out of the reach of babies and infants.
Especially be careful with a storage location for small parts such as the docomo nano UIM card/microSD card tray
Doing so may cause accidental ingestion, injury, electric shock etc.

Do

Be careful when using the terminal continuously for a long time or while charging because the 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.
The terminal or adapter may become warm when using applications, calling, performing data communication, watching TV or video, etc. for a long time or charging. If you are directly in contact with warmed part for a long time, it may cause a redness of skin, itch, rash, low-temperature burn etc. depending on your physical condition.

2. Handling the terminal

⚠ DANGER

Don't

Do not throw the terminal into fire or apply heat.
Doing so may cause fire, burns, injury, etc.

Don't

Do not apply excessive force such as sticking a sharp object (nail, etc.) to the terminal, hitting it with a hard object (hammer, etc.), or stepping on it.
Doing so may cause fire, burns, injury, etc.

Do

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.
Failure to do so may cause blindness, medical problem, etc. due to effects of the internal substance of the terminal etc.

⚠ WARNING

Don't

Do not turn on or flash the flash/photo light with the luminous part close to the other people's eyes. Keep enough distance away especially from babies and infants.
Doing so may cause blurred vision etc. Or it may dazzle his/her eyes or scare him/her causing an accident such as injury.

Don't

Do not turn on or flash the flash/photo light toward a driver of a car etc.
Doing so may disturb driving and cause an accident etc.

Don't

Do not watch a repeatedly-blinking screen for a long time.
Doing so may cause cramp, loss of consciousness, etc.

Don't

Do not allow water or other liquids (drinking water, sweat, seawater, urine of pet animal, etc.), or foreign substance such as a metal parts (blade of cutter, staple, etc.) or flammables to get in the docomo nano UIM card/microSD card slot of the terminal.
Do not insert the docomo nano UIM card or a microSD card into wrong slot, or insert it in wrong orientation.
Doing so may cause fire, burns, injury, electric shock, etc.

Don't

Do not expose the camera lens to direct sunlight for an extended period.
Doing so may cause fire, burns, injury, etc. by the light-collecting mechanism of the lens.

Do

Power off the terminal or put it in Airplane mode before boarding an airplane.
Use of mobile phones on board is restricted.
Follow the instructions of each airline.
The radio wave from the terminal may adversely affect on-board electronic equipment.
Prohibited acts related to mobile phone usage on an airplane may be punished by law.

Do

Follow the instructions of each medical facility for the use of mobile phones on their premises.
Power off the terminal in a place where the use is prohibited.
The radio wave from the terminal may affect electronic equipment and electronic medical equipment.

Do

Always keep the terminal away from your ear when you talk with hands-free set, while the ringtone is loudly sounding, or in stand-by mode.
Also, when you play a game, play back a video or music, etc. connecting the earphone/microphone, etc. to the terminal, adjust the volume adequately.
Loud sound is emitted from the terminal when calling with hands-free set.
Even in standby mode, a ringtone or an alarm sound may sound suddenly.
Listening to loud sound for long hours continuously may cause a disability of ears such as deafness.
Moreover, too loud sound makes you to barely hear the surrounding sounds and may cause an accident.

Do

If you have a weak heart, set the vibrator or ringtone volume carefully.
Sudden vibration or ringtone sounding when for incoming call astonishes you and it may affect your heart.

Do

If you wear any electronic medical equipment, check with the relevant medical electronic equipment manufacturer or vendor whether the operation may be affected by radio waves.
The radio wave from the terminal may affect the electronic medical equipment.

Do

Be careful about broken glasses or exposed internal part of the terminal if the glass such as the display, back panel, or camera lens is broken.
Touching damaged or exposed area may cause burns, injury, electric shock, etc.

Do

If the substance of the internal battery leaks or gives off a strange smell, immediately remove it from the vicinity of open flames.
The leaking liquid may ignite fire, catch fire, explode etc.

Do

Be careful not to allow a pet etc. to bite the terminal.
Doing so may cause fire, burns, injury, etc. because of damage of the internal battery.

⚠ CAUTION

Don't

When using the motion sensor, check the safety around you, hold the terminal firmly, and do not shake it unnecessarily.
Failure to do so may cause accident such as injuries.

Don't

If the internal substance is leaked due to damage of the display, do not allow it to touch your skin such as face, hands, or cloths etc.
Doing so may cause injury etc. on your eyes or skin.
If the internal substance gets into your eyes, mouth, etc. or contacts skin or clothes, immediately rinse the contacted area with clean water.
If the substance gets into your eyes, mouth, etc. immediately see a doctor after rinsing.

Don't

Do not dispose of the terminal together with usual trash.
Doing so may cause fire, burns, injury, etc. Also, it may cause environmental destruction. Bring the unnecessary terminal into a sales outlet such as docomo Shop. If your local municipality has a battery recycling program, dispose of them as provided for.

Don't

If the substance leaks out from the internal battery, do not make it contact with your skin of face or hands, clothes, etc.
Doing so may cause injury etc. on your eyes or skin.
If the internal substance gets into your eyes, mouth, etc. or contacts skin or clothes, immediately rinse the contacted area with clean water.
If the substance gets into your eyes, mouth, etc. immediately see a doctor after rinsing.

Do

To use the terminal in car, check with automobile manufacturer or dealer to determine how the device is affected by radio waves before using.
In rare cases, the radio wave from the terminal may affect the vehicle's electronic equipment in some vehicle models. In that case, stop using the terminal immediately.

Do

If abnormalities on skin are developed by using the terminal, immediately stop using and take medical treatment.
The use of the terminal may cause itching, rashes, eczema, or other symptoms depending on the your physical condition.
For material of each part, see the following.
⇒P.18 "Material list"

Do

Make sure not to get metal objects (blade of cutter, staples, etc.) adhered because magnetic parts are used on the earpiece/speaker, speaker, vibrator (lower right of the back side) of the terminal.
Such adhered objects may cause injury etc.

Do

Keep the equipment out of the reach of children, people who needs to be supervised, etc.
The terminal (including the supplied accessories) contains magnets. If he or she swallows the magnet, it may cause suffocation, or serious symptom resulting from hurt of bowel etc. When he or she swallowed the magnet, consult a doctor immediately.

Do

Do not let it close to medical device.
The magnets used for the terminal (including the supplied accessories) may affect medical devices such as a pacemaker, pressure variable shunt for hydrocephalus curing, etc. Do not let the terminal close to persons who use such medical devices. If you are a user of such medical device, consult your doctor before using the terminal.

Do

Watch the display in an adequately bright place taking a certain distance from it.
Watching in a dark place or closely may reduce visual acuity etc.

3. Handling the adapter, wireless charger

⚠ WARNING

Don't

Do not use the adapter cord if it gets damaged.
Doing so may cause fire, burns, electric shock, etc.

Don't

DC adapter is only for a negative ground vehicle. Do not use DC adapter for a positive ground vehicle.
Doing so may cause fire, burns, electric shock, etc.

Don't

Do not touch the adapter if you hear thunder.
Doing so may cause electric shock etc.

Don't

Do not short-circuit the charging jack while it is connected to a power outlet or accessory socket. Do not touch the charging jack with your hands, fingers, or any part of your body.
Doing so may cause fire, burns, electric shock, etc.

Don't

Do not place heavy objects on the adapter cord, or do not apply unnecessary force such as pulling etc.
Doing so may cause fire, burns, electric shock, etc.

Don't

When you insert/remove a plug of AC adapter to/from power outlet, do not let it to contact with metal objects.
Doing so may cause fire, burns, electric shock, etc.

Don't

Do not connect the voltage converter (e.g. travel converter for overseas) to AC adapter.
Doing so may cause ignition, overheating, electric shock etc.

Don't

Do not put an excessive force to the connection part with the adapter connected to the terminal.
Doing so may cause fire, burns, injury, electric shock, etc.

Don't

Do not charge equipment when it is wet with liquid such as water (drinking water, sweat, seawater, urine of pet animals, etc.) with the wireless charger.
Doing so may cause fire, burns, injury, electric shock, etc.

No wet hands

Do not touch the adapter cord, charging jack or power plug with wet hands.
Doing so may cause fire, burns, electric shock, etc.

Do

Use the adapter only on the specified power supply and voltage.
When charging the terminal overseas, use AC adapter for global use.
Using the incorrect power supply and voltage may cause fire, burns, electric shock, etc.
AC adapter : 100V AC (Make sure to connect the adapter to a household AC power outlet.)
AC adapter for global use : 100V to 240V AC (Make sure to connect the adapter to a household AC power outlet.)
DC adapter : 12V or 24V DC (only for a negative-ground vehicle)

Do

When replacing a fuse in a DC adapter, make sure to use the specified fuse.
Using a fuse other than specified may cause fire, burns, electric shock, etc. For the specified fuse, check a manual that comes with a DC adapter.

Do

Wipe dust off from the power plug.
Using it with dust adhered may cause fire, burns, electric shock, etc.

Do

When you connect the adapter or accessory socket to a power outlet, insert it firmly.
Insecure inserting may cause fire, burns, electric shock, etc.

Do

When you disconnect the power plug from a power outlet or accessory socket, do not apply excessive force such as pulling the adapter cord. Instead, hold the adapter to disconnect.
Pulling the adapter cord may damage the cord and cause fire, burns, electric shock, etc.

Do

If you are a wearer of implantable cardiac pacemaker or implantable cardioverter defibrillator, consult with your doctor before using the wireless charger.
The radio waves from the terminal may affect the performance of electronic medical equipment.

Do

When plugging/unplugging an adapter into/from the terminal, plug/unplug the adapter straight toward the jack without applying excessive force such as pulling the cord etc.
Incorrect plugging/unplugging may cause fire, burns, injury, electric shock, etc.

Do

If the charging terminal is deformed such as being bent etc., stop using immediately. Do not use it with the deformation restored.
Doing so may cause fire, burns, injury, etc. due to short-circuit of charging terminal.

Unplug

Always disconnect the power plug from a power outlet or accessory socket when not using it.
Keeping with connected to the power plug may cause fire, burns, electric shock, etc.

Unplug

Immediately remove the power plug from a power outlet or accessory socket if liquid such as water (drinking water, sweat, seawater, urine of pet animals, etc.) is adhered.
Failure to do so may cause fire, burns, injury, etc. due to short-circuit from the adhered substance.

Unplug

Before cleaning, remove the power plug from a power outlet or accessory socket.
Failure to do so may cause fire, burns, electric shock, etc.

⚠ CAUTION

Don't

Do not touch the adapter successively when it is connected to a power outlet or accessory socket.
Doing so may cause a burn etc.

4. Handling the docomo nano UIM card

⚠ CAUTION

Do

Be careful of the cut surface not to hurt your body parts such as fingers when handling docomo nano UIM card.
The cut surface may be sharp and it may cause injury etc.

5. Handling the terminal near electronic medical equipment

⚠ WARNING

Do

If you use an implantable cardiac pacemaker or implantable cardioverter defibrillator, keep the terminal 15 cm or more away from the implant at all times.
The radio wave from the terminal may affect the performance of electronic medical equipment.

Do

If you need to use electronic medical equipment other than implantable cardiac pacemaker or implantable cardioverter defibrillator outside medical facilities when treating at home etc., check with the relevant medical electronic equipment manufacturer whether the operation may be affected by radio waves.
The radio waves from the terminal may affect the performance of electronic medical equipment.

Do

When you get close to other people within 15 cm just like not having enough space to turn around, set the radio wave of the terminal to OFF beforehand (Airplane mode, to Power off, etc.).

A person in close proximity may put on implanted a medical electrical equipment such as pacemakers and ICDs. The radio waves from the terminal may affect the performance of electronic medical equipment.

Do

Follow the instructions of each medical facility for the use of the terminal on their premises.

The radio waves from the terminal may affect the performance of electronic medical equipment.

6. Material list

The terminal

Part	Material	Surface treatment
Exterior case (top part, bottom part, side part, Volume key/Zoom key, Camera key, cover of docomo nano UIM card/ microSD card slot, camera ring on the back side)	Aluminum alloy	Alumite treatment
Exterior case (antenna slit, USB Type-C™ jack, headset jack)	PBT resin (with glass fiber)	—
Transparent plate (Display, back panel)	Hardened glass	AFP treatment
Transparent plate (Camera lens)	Hardened glass	AFP treatment + AR treatment
Power key/Screen lock key/Fingerprint sensor	IC + epoxy resin	Coating
Earpiece/speaker (upper) panel	Polyester resin	Dyeing
Rubber gasket of the cover of docomo nano UIM card/microSD card slot	Silicon rubber	—
Inner side of cover of docomo nano UIM card/ microSD card slot	Polycarbonate resin + elastomer resin	—

Part	Material	Surface treatment
Tray of docomo nano UIM card/tray of microSD card	Polyacetal resin	—

TV Antenna cable SO02

Part	Material	Surface treatment
Connecting plug (body), headset jack (body), cable	Thermoplastic elastomer resin (black)	—
Connecting plug (inside resin part), headset jack (inside resin part)	Polypropylene resin (black)	—
Connecting plug (metal jack), headset jack (metal jack)	Copper alloy	Gold plating treatment
Connecting plug (insulator)	Polyacetal resin (black)	—

Handling precautions

Common precautions

- SO-52A is waterproof/dustproof; however, do not allow liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.) or foreign objects such as dust to enter inside of the terminal or adhere to accessories or optional devices.

  The adapter, the docomo nano UIM card, and the TV Antenna cable SO02 are not waterproof/dustproof. Do not use in a highly humid place such as a bathroom or in a place where it is exposed to the rain. Or putting them on your body, humidity of sweat may cause internal corrosion and malfunction. Malfunctions which are determined to be caused by water as result of inspections are not covered by the warranty. For repairs, contact "Repairs (Inquiries/Request)" on the last page (in Japanese only) or DOCOMO-specified repair office.
- Waterproofness/dustproofness may not be maintained if the terminal has defect in appearance such as damage or deformation. In that case, contact "Repairs (Inquiries/Request)" on the last page (in Japanese only) or DOCOMO-specified repair office.
- Clean the terminal with a dry soft cloth (such as used for cleaning eyeglasses).
  - Rubbing roughly may scratch the display.

- Drops of water or dirt left on the display may cause stains.
- Do not use alcohol, thinner, benzine, cleaning detergent, etc. to clean the terminal. These chemicals may erase the printing on the terminal or cause discoloration.

- **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 jack etc.
- **Do not leave the terminal near the air conditioning vent.**
  Extreme temperature changes may produce condensation and corrode the internal parts of the terminal, causing the terminal to malfunction.
- **Make sure to use the terminal without excessive force.**
  Putting the terminal in a bag full of items or sitting down with the terminal in a pocket of clothes may cause malfunction or damage of the display, internal circuit board, internal battery, etc.
  Also, doing so while the external device is connected to the external connection jack may cause malfunction or damage.
- **Use the optional devices specified by NTT DOCOMO.**
  Using a non-specified device may cause malfunction or damage.
- **Read the user's manual supplied with each optional device.**
- **Do not drop the terminal or give a strong impact to the terminal.**
  Doing so may cause a malfunction or damage.

The terminal precautions

- **Do not press the display strongly, or not operate with a sharp-pointed objects.**
  The display may get scratched and it may cause a malfunction or damage.
- **Do not use the terminal in extremely hot or cold places.**
  Use the terminal where the temperature ranges between 5℃ and 40℃ (limited to the temporary use in a bathroom etc. when temperature is above 36℃) and humidity ranges between 45% and 85%.
- **Using the terminal near a household electric appliance (a TV, radio, etc.) may cause interference in such electric appliance.**
- **Back up data that you saved to the terminal to a microSD card, a PC, or cloud, etc., or note down in a separate note and keep it safely.**
  NTT DOCOMO is not liable for any loss of data saved in the terminal.
- **Do not insert the plug of external device to the external connection jack at a slant when connecting. Or, do not pull the plug when they are connected.**
  Doing so may cause a malfunction or damage.

- It is not abnormal if the terminal becomes warm while in use and charging. You can continue using the terminal.
- Do not expose the camera lens under direct sunlight.
  If you do so, some of the elements may melt or become faded.
- Usually, keep the cover of docomo nano UIM card/microSD card slot closed during use.
  Failure to do so may allow liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.) or foreign objects such as dust to enter inside and cause a malfunction.
- Do not subject the fingerprint sensor to strong impact or scratch it.
  Doing so not only may cause a malfunction of the fingerprint sensor, but authentication may become unavailable.
- While microSD card is being used, do not take the card out and do not turn off the terminal.
  Doing so may cause data loss or malfunction.
- Keep off a magnetic card or a magnetic object from the terminal.
  The data in cash cards, credit cards, etc. may be erased.
  Also, strong magnetic objects may cause a malfunction of the terminal.
- Do not decorate the terminal with a film or stickers.
  The operations of the functions using the proximity sensor, charging with the wireless charger, etc. ,may not work properly.
  For a location of proximity, see the following.
  ⇒P.34 "Part names and functions"
- The internal battery is out of the warranty due to a consumable part.
  The internal battery may become swelled toward the end of battery life depending on usage condition of the internal battery.
  Replace the internal battery if the usable time is extremely shortened even in a full charge or when the internal battery is swollen. For replacing internal battery, contact "Repairs (Inquiries/Request)" on the last page (in Japanese only) or DOCOMO-specified repair office.
- Charge the battery in an environment with the proper ambient temperature (5℃ to 35℃).
- The operating time of the internal battery varies depending on the operating environment and the degradation level of the internal battery.

- To store the terminal, avoid the following conditions so as not to degrade the performance or the battery life of the internal battery.
  - The battery is fully charged (immediately after the charging is complete)
  - The battery has run out (the terminal cannot power on)

  An appropriate battery level for storing is about 40%.
- Type of internal battery for the terminal is as follows.

Display	Type of Battery
Li-ion 00	Lithium Ion Battery

Precautions for the adapter, wireless charger

- Charge the battery in an environment with the proper ambient temperature (5℃ to 35℃).
- Do not charge in the following places.
  - Places that are very humid, dusty or exposed to strong vibrations
  - Near household electric appliance (a TV, radio, etc.)
- The adapter may become hot during charging. This condition is not abnormal. You can continue using the terminal.
- When using the DC adapter for charging, do not turn off the vehicle engine.

  Doing so may cause the exhaustion of vehicle battery.
- When you use a power outlet with a mechanism to prevent the plug from being removed, follow the instructions on the outlet's user's manual.
- Do not subject the equipment to a strong impact. Do not deform the charging jack.

  Doing so may cause malfunction.
- Do not use the wireless charger when it is covered with a blanket etc.
- Do not use an unspecified device or undedicated AC adapter for the wireless charger.
- Do not place the terminal if it is connected with adapter, USB cable A to C, USB host cable, etc. on the wireless charger.
- Keep off any magnetic card or magnetic object from the wireless charger.

  Failure to do so may erase data in cash card, credit card, traffic IC card, etc.
  Also, strong magnetic objects may cause a malfunction of the terminal.

- Do not get a contactless IC card such as traffic IC card close to the wireless charging pad or the terminal during wireless charging.
  Doing so may cause damage of the contactless IC card.

docomo nano UIM card precautions

- Do not apply unnecessary force to insert/remove the docomo nano UIM card.
- Note that DOCOMO assumes no responsibility for any malfunctions resulting from inserting the docomo nano UIM card into another IC card reader/writer and using it.
- Clean the IC part occasionally and use it in a clean state.
  If the IC is dirt, it may not be used properly.
- Clean the terminal with a dry soft cloth (such as used for cleaning eyeglasses).
- Back up data that you saved to the docomo nano UIM card to a microSD card, a PC, or cloud, etc., or note down in a separate note and keep it safely.
  NTT DOCOMO is not liable for any loss of data saved in the terminal.
- Take an expended docomo nano UIM card to a sales outlet such as docomo Shop for proper disposal in order to protect the environment.
- Do not carelessly damage, contact, or short-circuit an IC.
  Doing so may cause data loss or malfunction.
- Do not drop a docomo nano UIM card or subject it to impact.
  Doing so may cause malfunction.
- Do not bend a docomo nano UIM card or place a heavy object on it.
  Doing so may cause malfunction.
- Do not insert a docomo nano UIM card into the terminal if a label or seal is attached to the card.
  Doing so may cause malfunction.

Bluetooth® function precautions

- To secure the Bluetooth communication, the terminal supports the security function compliant with Bluetooth standards, but the security may not be sufficient depending on the settings, etc. Be aware of security risks when using Bluetooth.
- Please be aware that DOCOMO is not responsible for any data leakage that might occur when communicating data via Bluetooth.

- ## Frequency band

The frequency band used by the terminal's Bluetooth/wireless LAN function is written as follows:

2.4FH4/XX8/DS4/OF4

2.4 : This radio equipment uses the 2400 MHz band.

FH/XX/DS/OF : Modulation scheme is the FH-SS, other system, DS-SS, or OFDM system.

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 can be avoided.

Available channels vary depending on the country.
For use in an aircraft, contact the airline beforehand.

- ## Bluetooth cautions

The operating frequency band of the terminal is used by industrial, scientific, consumer and medical equipment including microwave ovens, premises radio stations for identifying mobile units used in the manufacturing lines of plants (radio stations requiring a license), specified low power radio stations (radio stations requiring no license) and amateur radio stations (hereinafter referred to as "another station").

- Before using this equipment, confirm that "another station" is not being operated nearby.
- 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.
- If you have further questions, contact "General Inquiries" on the last page.

Wireless LAN (WLAN) precautions

- Wireless LAN (WLAN) exchanges information using radio waves, and allows you to freely establish LAN connection if you are within an area where radio waves reach. However, without appropriate security settings, communications may be intercepted or hacked by malicious parties. It is recommended to configure necessary security settings on your own judgment and responsibility.
- Please be aware that DOCOMO is not responsible for any data leakage that might occur when communicating data via wireless LAN function.
- Wireless LAN

  Do not use wireless LAN near magnetic devices such as electrical appliances or AV/OA devices, or in radio waves.
  - Magnetism or radio waves may increase noises or disable communications (especially when using a microwave oven).
  - When used near TV, radio, etc., reception interference may occur, or channels on the TV screen may be disturbed.
  - If there are multiple wireless LAN access points nearby and the same channel is used, search may not work correctly.
- 2.4GHz device cautions

  The operating frequency band of the WLAN device is used by industrial, scientific, consumer and medical equipment including home electric appliances such as microwave ovens, premises radio stations for identifying mobile units used in the manufacturing lines of plants (radio stations requiring a license), specified low power radio stations (radio stations requiring no license) and amateur radio stations (radio stations requiring a license).
  - 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.
  - 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 "General Inquiries" on the last page for crosstalk avoidance, etc. (e.g. partition setup).
  - If the device causes radio interference to specified low power radio stations or amateur radio stations, contact "General Inquiries" on the last page.

- 5GHz device cautions

  The terminal can use 3 frequency bands of 5.2GHz band (W52), 5.3GHz band (W53), 5.6 GHz band (W56).
  - 5.2GHz band (W52/36, 40, 44, 48 ch)
  - 5.3GHz band (W53/52, 56, 60, 64 ch)
  - 5.6GHz band (W56/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144 ch)

  Use of 5.2/5.3 GHz band wireless LAN outdoors is prohibited by the law (except when communicating with an access point of high power data communication system for 5.2 GHz band/relay station).

FeliCa® and NFC reader/writer function precautions

- FeliCa and NFC reader/writer, P2P function of the terminal use weak waves requiring no licenses for radio stations.
- They use 13.56 MHz frequency band. When the other FeliCa or NFC reader/writer, P2P function is used in the surroundings, keep the terminal away sufficiently from them.
  Before using, confirm that there are no radio stations using the same frequency band nearby.
- For use in an aircraft, contact the airline beforehand. Some countries may restrict the use of the function. Check the regulations of the country/region before using it.

Supported frequency bands

2G : 850, 900, 1800, 1900MHz.
3G : 2100 (Band I), 850 (Band V)MHz.
4G : Bands 1, 3, 4, 5, 7, 12, 13, 17, 19, 21, 28, 38, 39, 40, 41, 42.
5G : n78, n79
WLAN 2.4GHz/5GHz, NFC
2G 850/900 : 33dBm, DCS (1800)/PCS (1900) : 30dBm,
3G : 24dBm, 4G : 23dBm, 5G : 23dBm,
WLAN : 2.4GHz<100mW,
5.15-5.35GHz<200mW,
5.47-5.725GHz<200mW,
5.735-5.835GHz<25mW,
NFC 13.56MHz

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, and as a proof of it, the "Technical Compliance Mark ⊛" is depicted on the electronic nameplate of the terminal. To check the electronic name plate, from the Home screen, [apps folder]▶[Settings]▶[About phone]▶[Certificates].
  If you remove the screws and alter the inside of the terminal, the technical regulations conformity certification becomes invalid.
  Do not use the terminal with the certification invalid, as it is a violation of the Radio Law and Telecommunications Business Act.
- **Be careful when using the terminal while driving.**
  Unless required by laws and regulations, gazing at the screen of the terminal or holding the terminal in your hand for calling while driving is subject to penalties.
- **To prevent possible hearing damage, do not listen at high volume levels for long periods.**

- **The FeliCa and the NFC reader/writer functions are compliant with the wireless standards of Japan.**
  Check the regulations of the country/region beforehand if you try to use the function overseas.
- **Do not alter the basic software illegally.**
  It is regarded as the software modification and Repairs may be refused.

Waterproofness/ Dustproofness

SO-52A provides waterproofness property of IPX5*1, IPX8*2, and dustproofness property of IP6X*3 with the cover of docomo nano UIM card/microSD card slot firmly attached.

*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 it is slowly submerged to depth of 1.5 m in static tap water at room temperature, left there for approximately 30 minutes and then taken out.

*3 IP6X indicates a protection degree that a mobile phone has the ability to prevent dust from entering inside 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/dustproofness of SO-52A

- You can talk without an umbrella in the rain (for rainfall of 20 mm or less per hour).
  - Do not open or close the cover of docomo nano UIM card/microSD card slot with wet hands or with water droplets on the terminal.
- You can wash the terminal when it gets dirt or stained with liquid other than tap water.
  - Wash the terminal with tap water at normal temperature (5℃-35℃) by weaker water flow (less than 6 L/min.) at distance of approximately 10 cm away from the tap or shower.
  - When washing the terminal, hold the cover of docomo nano UIM card/microSD card slot closed, and wash the terminal with your hands, not using a brush or sponge. After washing, drain the terminal before use (P.32).
- You can use at a poolside. Do not throw water from the pool on the terminal, or soak it in pool water.

- 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. Doing so may cause malfunction. If you should fall the terminal into the bathtub, immediately pick it up to drain water in specified procedure (P.32).
  - 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.
  - You can use the terminal within 2 hours in a bathroom where the temperature ranges between 5 and 45℃ and humidity ranges between 45 and 99%.
  - 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 splash hot water from a faucet or shower.

To ensure waterproofness/ dustproofness

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

- Do not throw any liquid other than room temperature tap water on the terminal, or soak it in such liquid.
- Firmly close the cover of docomo nano UIM card/microSD card slot. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow water to enter.
- Do not poke the earpiece/speaker, mouthpiece/microphone, speaker, second microphone, headset jack, USB Type-C jack, etc. with a sharp object.
- Do not let the terminal fall. It may become scratched causing the waterproof/dustproof performance to degrade.
- The rubber gasket on the inner side of the cover of docomo nano UIM card/microSD card slot plays an important role in keeping waterproof/dustproof performance. Do not remove or damage them. Also, prevent dust from adhering to them.

Opening the cover of docomo nano UIM card/microSD card slot

Put your tip of finger (fingernail) into the groove and draw the cover out in the arrow direction.

Closing the cover of docomo nano UIM card/microSD card slot

Push the tray all the way in the arrow direction and firmly press ○ parts and make sure that there are no gaps between the terminal and the cover.

It is recommended to replace the parts for maintaining waterproof/dustproof property once every two years regardless of whether any abnormality is present. DOCOMO replaces 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>

Using Soap/Detergent/ Bath powder

Washing with brush/sponge

Machine-washing

Applying strong water flow

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.28). SO-52A provides IPX5 waterproofness, but doing so may cause malfunction.
- If the terminal gets wet with salt water, sea water, refreshing beverage or mud or sand 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.
- If you put the terminal in tap water, be sure to have it within 30 minutes.
- When you use the terminal in swimming pool, obey rules of the facility.
- The terminal does not float on water.
- Do not leave water on the terminal. In cold region, the terminal freezes up and may cause malfunction.
- Do not leave water droplet on the earpiece/ speaker, mouthpiece/microphone, speaker, second microphone and headset jack. Such water may interfere with talking.
- If the terminal gets splashed with water or other liquid while the cover of docomo nano UIM card/microSD card slot is open, the liquid may get inside the terminal, causing electric shock or malfunction. Stop using the terminal, turn off the power and contact a DOCOMO-specified repair office.
- If the rubber gasket on the inner side of the cover of docomo nano UIM card/microSD card slot is damaged or deformed, replace the part at a DOCOMO-specified repair office.
- Do not connect the TV Antenna cable SO02 etc. when the terminal is wet with water. Doing so may cause a malfunction.

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 from the terminal

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 about 20 times, firmly holding it, until no more drops of water come out (shown left). Do the same with the terminal upside down (shown right).

③ To wipe remained water off from the gaps or the following parts, tap the terminal against a dry, clean cloth or similar material about 10 times.

- Earpiece/speaker
- Mouthpiece/microphone
- Speaker
- Second microphone
- Headset jack
- USB Type-C jack
- Camera ring
- Power key/Screen lock key/Fingerprint sensor
- Volume key/Zoom key
- Camera key
- Cover of docomo nano UIM card/microSD card slot

* Turn the terminal up side down to wipe off.

④ Wipe off water drained from the terminal with dry, clean cloth etc., and dry naturally.
- Wipe off water drained from the terminal with dry, clean cloth etc., and dry naturally.
- Do not wipe off water remaining in gaps directly with a cotton swab etc.
- Dry the terminal naturally for about 3 hours at room temperature.

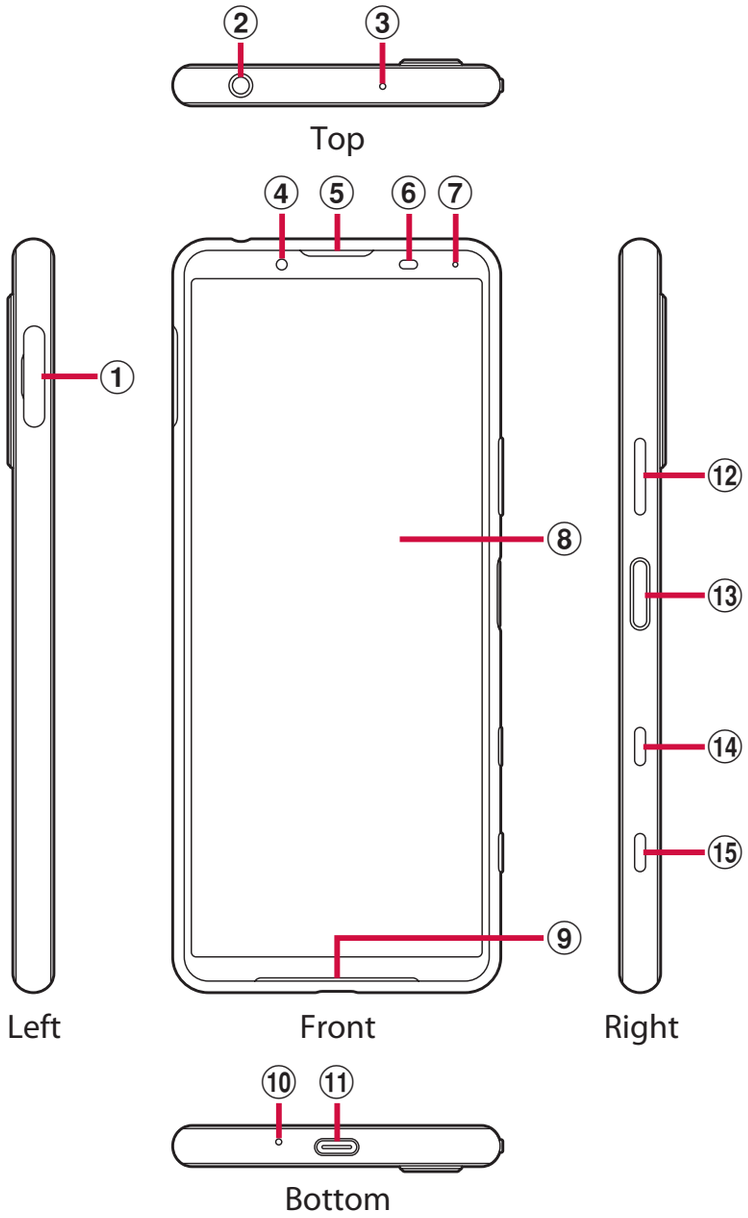
Notes on charging

Check the following before and after charging.

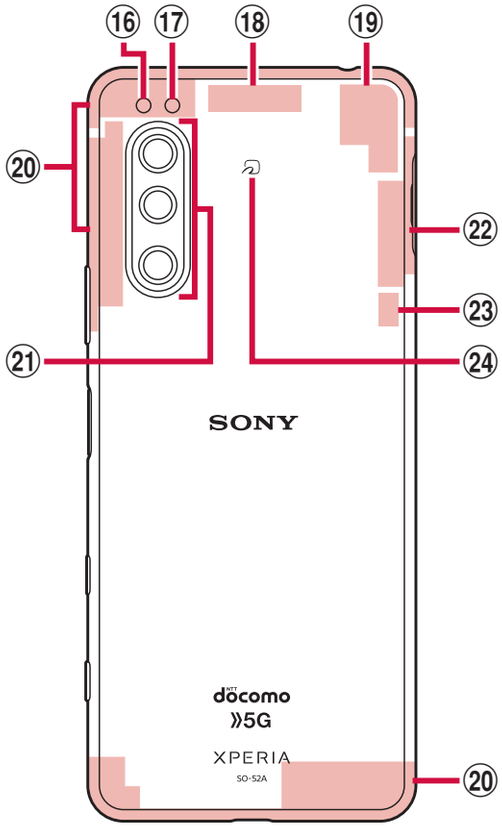
- Check if the terminal is not wet. Never charge the battery when the terminal is wet.
- Accessories and optional devices are not waterproof/dustproof.
- When charging the battery when or after the terminal is wet, adequately drain it and wipe off water with a dry, clean cloth etc.
- Do not use the AC adapter in a bathroom, shower room, kitchen, lavatory, or other humid area. Doing so may cause fire or electric shock.
- Do not touch the AC adapter with wet hands. Doing so may cause electric shock.
- Never connect a Type-C plug if the terminal is wet. Although the terminal is waterproof, inserting a Type-C plug when the terminal is wet may cause an electric shock or short circuit due to moisture or foreign matter on the terminal or the Type-C plug. This can cause excessive heat, malfunction, fire, burn injury, electric shock, etc.

Before using the terminal

Part names and functions



① docomo nano UIM card/microSD card slot
② Headset jack→P.155, P.245
③ Second microphone : Used for reducing noise when calling.
④ Front camera lens→P.131
⑤ Earpiece/speaker
⑥ Proximity/light sensor*1 : Detects a face approach during a call to prevent misoperation, or used for automatic control of the screen brightness.
⑦ Notification LED→P.68
⑧ Display (Touch screen)→P.53
⑨ Speaker
⑩ Mouthpiece/microphone
⑪ USB Type-C jack : Used for charging etc. It supports USB Power Delivery.
⑫ Volume key/Zoom key : Use to adjust each sound volume, shoot with the camera, set silent mode, etc.
⑬ Power key/Fingerprint sensor*1: Use to turn on/off the power or the screen, or perform fingerprint authentication.
Press and hold this key for at least 1 second to display the menu where you can operate "Power off", "Restart", "Screenshot" or "Emergency".→P.47, P.59, P.101
⑭ Google Assistant key：Use to activate the Google Assistant.
⑮ Camera key : Use to activate the camera or shoot photos/videos. →P.131, P.135, P.137



Back

⑯ Flash/Photo light
⑰ RGBC-IR sensor*1 : When shooting, it detects elements of light source of shooting environment to adjust white balance automatically.
⑱ 5G/Wi-Fi antenna section*2
⑲ 5G/LTE/Wi-Fi antenna section*2
⑳ 5G/LTE antenna section*2
㉑ Camera lens→P.131
㉒ 5G/LTE/Wi-Fi/Bluetooth/GPS antenna section*2
㉓ 5G antenna section*2
㉔ mark→P.150

*1 Do not cover the sensor area with a sticker etc.
*2 It is built into the terminal. Covering with your hand may affect the quality of communications.

❖Note

- The back panel cannot be removed. Attempting to remove the back panel with excessive force may cause damage or a malfunction.
- The battery is built into the terminal and not removal.

docomo nano UIM card

The docomo nano UIM card is an IC card recorded user information such as your phone number etc.

- You can use the terminal with a docomo nano UIM card. If you have a docomo mini UIM card, UIM, or FOMA card, bring it to a docomo Shop to replace it with a docomo nano UIM card.
- When docomo nano UIM card is not inserted to the terminal, making calls, packet communication, etc. are not available.
- For details on the docomo nano UIM card, refer to the docomo nano UIM card manual or NTT DOCOMO website.
- Turn off the terminal before installing/removing the docomo nano UIM card.
- For opening/closing the cover of docomo nano UIM card/microSD card slot, see "To ensure waterproofness/dustproofness" (P.29).

Security codes of the docomo nano UIM card

The docomo nano UIM card has the security code of PIN code (P.51).

❖Information

- Please be careful not to touch or scratch the IC when you handle the docomo nano UIM card. Doing so may cause malfunction or damage.

Installing docomo nano UIM card

1 **Draw the cover of docomo nano UIM card/microSD card slot (P.30).**

2 **Pull out the tray straight from the terminal.**

3 **Set the docomo nano UIM card in the tray with the IC face down.**

- Make sure that the corner cut of the card is oriented properly.
- Be sure to fit the docomo nano UIM card into the tray so that it does not shift.

4 **Hold the terminal horizontally, insert the tray with the card into the terminal, and then push it straight.**

- Check the orientation of the terminal and the tray.

5 **Push the tray into the end, firmly press each point indicated with ○, and then make sure that there are no gaps between the terminal and the cover.**

Removing docomo nano UIM card

1 **Draw the cover of docomo nano UIM card/microSD card slot (P.30).**

2 **Pull out the tray straight from the terminal (P.36).**

3 **Remove the docomo nano UIM card from the tray.**

4 **Hold the terminal horizontally, insert the tray into the terminal, and then push it straight.**

- Check the orientation of the terminal and the tray.

5 **Firmly push the tray into the end and make sure that there are no gaps between the terminal and the cover (P.37).**

microSD card

You can save the data in the terminal to a microSD card or import data from the microSD card to the terminal.

- The terminal supports microSD card of up to 2GB, and microSDHC card of up to 32GB, microSDXC card of up to 1TB (As of March, 2020).
- DOCOMO does not guarantee operations of any commercially available microSD card. For compatible microSD cards, contact each manufacturer of microSD card.
- A microSDXC card can be used only on a SDXC-compatible device. Do not install a microSDXC card to a non-microSDXC-compatible device because doing so may damage or destroy data saved on the microSDXC card.
- If you want to reuse a microSDXC card on which data is destroyed, format microSDXC card (all data will be erased) on an SDXC-compatible device.
- When copying data to/from a non-SDXC-compatible device, use a card (microSDHC card, microSD card, etc.) complying with standards of device.

- The terminal supports microSD cards of up to Class 10 and UHS speed class 1. Note that the speed class indicates performance of microSD cards and all the functions may not be performed at the speed class rate.
- Although a microSD card can be used on other compatible device, data which is transferred from the other device may not be viewed/played on the terminal. Also, data saved to the microSD card from the terminal may not be viewed/played on another devices.
- Turn off the terminal before installing/removing the microSD card.
- For opening/closing the cover of docomo nano UIM card/microSD card slot, see "To ensure waterproofness/dustproofness" (P.29).

Installing microSD card

1 Draw the cover of docomo nano UIM card/microSD card slot (P.30).

2 Pull out the tray straight from the terminal.

3 Put a microSD card in the tray with the contacts side down.

- Be sure to fit the docomo nano UIM card into the tray so that it does not shift.

4 **Hold the terminal horizontally, insert the tray with the card into the terminal, and then push it straight.**

- Check the orientation of the terminal and the tray.

5 **Push the tray into the end, firmly press each point indicated with ○, and then make sure that there are no gaps between the terminal and the cover.**

- When the terminal is turned on, appears on the status bar.

Removing microSD card

1 **Draw the cover of docomo nano UIM card/microSD card slot (P.30).**

2 **Pull out the tray straight from the terminal (P.39).**

3 **Remove the microSD card from the tray.**

4 **Hold the terminal horizontally, insert the tray into the terminal, and then push it straight.**

- Check the orientation of the terminal and the tray.

5 **Firmly push the tray into the end and make sure that there are no gaps between the terminal and the cover (P.40).**

FCC ID

To view the regulatory compliance mark.

1 **Find and tap [Settings]▶[About phone]▶[Certificates].**

Regulatory compliance mark such as FCC ID is displayed on the screen.

Charging

The internal battery is not fully charged at the time of purchase.

- Estimated charging time (P.244)

Available time on full charge (estimate)

The available time differs depending on operating environment or the internal battery condition.

- Estimated available time (P.244)

Life of the internal battery

- The internal battery is a consumable part. Each time the internal battery is recharged, the battery usage time per one charge gradually decreases.
- When the battery usage time per one charge becomes about half of that at the time of purchased, replacing the internal battery is recommended because the internal battery is near the end of life.
- Using the application or shooting videos for a long time while charging may shorten the lifetime of the internal battery.
- To check performance of the internal battery, from the Home screen, tap [apps folder]▶[Settings]▶[About phone]▶[Battery life].

Before charging

- It is recommended to use the AC Adapter 07 (optional) for charging. For handling the AC Adapter 07, refer to the AC Adapter 07 manual.
- The AC Adapter 07 is compatible with 100V to 240V AC. For using the terminal overseas, a plug adapter that fits the electrical outlets in the country you stay is needed. Do not use an electrical transformer for overseas use to charge the terminal.
- Use a compatible AC adapter, USB cable A to C, and wireless charger for charging. If you use a charger other than compatible ones, charging may not be available or operations may not be performed correctly.
- Insert and remove the AC adapter cord or USB cable A to C slowly and evenly so that excessive force is not applied.
- When charging is started, the notification LED of the terminal lights in the color according to the battery level (P.68).
- You can check the battery level on the status bar at the top of the screen, or from the Home screen, tap [apps folder]▶[Settings]▶[Battery].

- If you start charging with the terminal powered off, the screen indicating charging status activates although you cannot operate the terminal. Therefore, do not charge the battery in a place where the powering off is required.
- You can check the latest charging equipment compatible with the terminal in the DOCOMO online shop.
https://onlineshop.smt.docomo.ne.jp/options/search.html (in Japanese only)

Saving battery life (Battery Care)

Battery Care is a function that learns your charging habit (time zone for connecting to charging equipment long) to adjust charging speed and keep battery performance better so as to extend battery life.

1 From the Home screen, [apps folder]▶[Settings]▶[Battery]▶[Battery Care].

2 Tap ◯ of "Use Battery Care".

❖Information

- To turn off Battery Care charging, tap ◯ of "Use Battery Care" in Step 2.
- To switching to usual charging during Battery Care charging, drag the status bar down▶Open the notification of Battery Care (P.71) ▶[REGULAR CHARGING].
- To set time for Battery Care manually, tap [Custom] in the Battery Care screen. Battery Care charging is available when you start charging between the times set in "Start time" and "Target time for full charge".

❖Note

- It may take 7 days or more to complete learning your habit.

Charging with AC adapter

When using AC Adapter 07 (optional) for charging, do the following procedures.

1 Insert the Type-C plug of the AC adapter horizontally into the USB Type-C jack of the terminal.

2 Unfold the power plug of the AC adapter and insert it into a power outlet.

- When charging is started with the power on, the charging start sound is heard and the notification LED of the terminal turns on (P.68).

3 When charging is complete, remove the power plug of the AC adapter from the power outlet, and then remove the Type-C plug horizontally from the terminal.

❖Note

- Do not connect the Type-C plug of the AC adapter forcibly. Wrong connection may cause damage.

Charging with DC adapter

DC Adapter 05 (optional) is an adapter for supplying power from a car accessory socket (12V/24V).
When using DC Adapter 05, USB cable A to C 02 (optional) is required.
For details on handling, refer to the manual of the DC adapter or USB cable A to C.

Charging with a wireless charger

Before charging with Wireless charger 04 (optional), refer to the manual supplied with the product.

- Products with Qi marks conform to the wireless charging standards developed by Wireless Power Consortium (WPC).

Notes on wireless charging

- When charging, meet the wireless charging touch point of the terminal (P.35) to the wireless charger correctly.
- If you attach a cover (commercially available), etc. to the terminal, remove it and then charge the terminal.
- Set the terminal not to vibrate while charging. If the terminal is moved by vibration, charging may not be complete or the terminal may fall.
- If you hear noise from a TV or radio while charging, keep away from the TV or radio.
- When there is the other wireless charging compatible device nearby, keep the wireless charger away 30 cm or more from it. Failure to do so may hinder correct detection of the terminal and charging may fail.
- While charging, the reception of calling, data communication or TV may become degraded.
- Be careful not to put a foreign metal object between the terminal and the wireless charger. The foreign object may generate heat.
- Do not put an IC card etc. between the terminal and the wireless charger. The IC card may have a malfunction.
- When using the camera while charging, the images may have noises.
- When using the terminal while charging, the charging speed may become slow or charging may stop to prevent the temperature of the terminal from rising.

Charging with a PC

To charge the terminal by connecting to a PC, USB cable A to C 02 (optional) is required.

1 Insert a Type-C plug of the USB cable A to C horizontally into the USB Type-C jack of the terminal.

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

- When charging is started with the power on, the charging start sound is heard and the notification LED of the terminal turns on (P.68).
- When a screen for requesting access to the device data appears, tap [DENY].
- If the installation screen for the terminal's driver software appears on your PC, please wait a moment for the installation to complete.
- When the confirmation screen of installing software appears on the terminal, tap [SKIP] or [CANCEL].

3 When charging is complete, remove the USB plug of the USB cable A to C from the USB port of PC and then remove the Type-C plug horizontally from the terminal.

❖Note

- Do not connect the Type-C plug of the USB cable A to C forcibly. Wrong connection may cause damage.

Turning power on/off

Turning power on

1 Press and hold the power key for at least 3 second.

- The terminal vibrates and the lock screen appears after a while.
- When you first turn on the power and "ようこそ (Welcome)" is displayed, follow the onscreen instructions to make the initial settings (P.48).

2 Unlock the screen lock.

- The Home screen appears.
- Unlocking the screen lock (P.48).

❖Information

- If the notification LED flashes in red several times or the low battery icon is displayed when you press the power key with the terminal powered off, the battery level is not sufficient. Charge the terminal (P.42).
- When PIN code (P.52) is set, enter the PIN code on the PIN code entry screen (P.52).

Turning power off

1 Press and hold the power key for at least 1 second.

2 [Power off].

Setting sleep mode

When sleep mode is set, the screen turns off so that you can avoid an incorrect action of the touch screen or the keys, and set the screen lock.

1 Press the power key.

- Press the power key again to exit from sleep mode and turn on the screen.

❖Information

- When the specified time set in "Screen timeout" (P.188) elapses with no operation performed, the screen will turn off automatically and then go into sleep mode
- Depending on the settings or operating condition, Ambient display (P.189) may activate in sleep mode.

Unlocking the screen lock

The lock screen appears when you turn on the power or press the power key to exit from sleep mode.

- When Ambient display (P.189) is activated, double-tap the screen or press the power key to display the lock screen.

1 On the lock screen, swipe (flick) the screen.

❖Information

- On the lock screen, swipe (flick) or to use Google Assistant or the camera.
- You can change the screen lock unlocking method (P.197).
- Once you register your fingerprint in the Fingerprint Manager, you can use fingerprint authentication to unlock the screen (P.199).

Initial settings

When you first turn on the power and "ようこそ (Welcome)" is displayed, follow the onscreen instructions to make initial settings, such as individual functions and services.

1 [GET STARTED].

- Tap [日本語 (Japanese)] to change the language.
- Tap [VISUAL AIDS] to make settings related to the accessibility functions.
- Follow the onscreen instructions to make the following settings.
  - Important information setting
  - Setting the network connection
  - Copy apps & data
  - Set your Google account
  - Setting the Google Services
  - Setting the screen lock
  - Setting Google Assistant
  - Home app setting

2 When the initial settings screen for docomo service appears, tap ◯ of "Agree to above"▶[NEXT].

- Follow the onscreen instructions to make the following confirmations and settings.
  - d ACCOUNT settings
  - Set all docomo services
  - Review additional apps
  - "Anything else?" settings
- If the confirmation screen for use of functions appears, follow the onscreen instructions.

3 When the setup completion screen appears, [FINISH].

❖Information

- The displayed setting items may differ depending on operation of the terminal.
- When the screen for selecting docomo services or checking how to use the Home screen appears after the initial settings are complete, follow the onscreen instructions.
- Some settings can be changed later (P.49, P.50, P.77, P.172, P.197, P.199, P.203, P.206, P.210).
- When setting the online services, make sure to connect to the network (P.69).
- You can use the terminal without setting up a Google account, however the Google services such as Gmail, Google Play, etc. are not available.

Setting up a Google account

Google account is an ID/password to use Google services. By setting Google account to the terminal, you can use Gmail to send Email, use Google Play to download applications or contents such as games. When you do not set up a Google account in the initial settings, you can set as follows.

1 From the Home screen, [apps folder]▶[Settings]▶[Accounts]▶[Add account]▶[Google].

- After this step, follow the onscreen instructions.

❖Information

- Google account can be registered as backup account by turning on the item of backing up data to your Google Drive on the "Google Services" screen when registering (P.206).
- You can use the terminal without setting up a Google account, however the Google services such as Gmail, Google Play, etc. are not available.
- To set ON/OFF of each auto-sync item, from the Home screen, [apps folder]▶[Settings]▶[Accounts]▶Tap the set Google account▶[Account sync].

Setting up d ACCOUNT

d ACCOUNT is an ID/password to use applications or services provided by DOCOMO. With d ACCOUNT, you can use various services more convenient regardless of line type such as LTE, Wi-Fi, etc., or device type such as smartphone, tablet, PC.
When you do not set up d ACCOUNT in the initial settings, you can set as follows.

1 From the Home screen, tap [apps folder]▶[Settings]▶[docomo service/cloud]▶[d ACCOUNT setting].

- If the d ACCOUNT confirmation screen etc. appears, follow the onscreen instructions.

2 [Set your d ACCOUNT]/[Create new d ACCOUNT].

- After this step, follow the onscreen instructions.

❖Information

- For details on d ACCOUNT, in Step 2, tap ⋮▶[Help] to see the Help of d ACCOUNT setting.

Security codes for the terminal

Some functions provided for convenient use of the terminal require the security code to use them. Besides the security code for locking the terminal, the network security code necessary for the network services etc. are available. Make use of the terminal using an appropriate security code according to the purpose.

Notes on the security codes

- Do not use 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 sure to make a note of the security code you set lest you should forget it.
- Be very careful not to let others know your security code. If your security code is known by anyone else, DOCOMO shall have no liability for any loss due to any unauthorized use of it.
- If you forget your security codes, you must bring your official identification (such as driver's license), the terminal, and docomo nano UIM card with you to the nearest docomo Shop. For details, contact the "General Inquiries" on the last page.

- The PIN Unlocking Key is written on the subscription form (copy for customer) handed at the subscription in the docomo Shop. If you subscribed other than docomo Shop, you must bring your official identification (such as driver's license), the docomo nano UIM card with you to the nearest docomo Shop or contact the "General Inquiries" on the last page.

PIN/Password for screen lock

It is a security code for using the screen lock function of the terminal (P.197).

Network security code

The network security code is a 4-digit number necessary for identification or using the docomo network services at reception of your request in docomo Shop, or at docomo Information Center or "お客様サポート (Customer support)". It can be set any number at the subscription and also changed later by yourself.

- For details on network security code, refer to NTT DOCOMO website.

PIN code

The docomo nano UIM card has a security code of PIN code. The code is set to "0000" at subscription, which you can change by yourself (P.52).

PIN code is a 4- to 8-digit security 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. Entering the PIN code enables making/receiving calls and terminal operation.

- If you use a newly purchased terminal with docomo nano UIM card you have been using, use the PIN code set on the former terminal. If you did not change the setting, the code is "0000".
- If you enter a wrong PIN code 3 times consecutively, the PIN code is locked and cannot be used anymore. In this case, unlock with "PIN Unlock Key (PUK code)" (P.52).

■ PIN Unlock Key (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 failed to enter PUK code 10 times consecutively, the docomo nano UIM card is locked. Please contact a docomo Shop.

Setting a PIN code

By entering PIN code when powered on, you can protect from improper use.

1 **From the Home screen, [apps folder]▶[Settings]▶[Security]▶[SIM card lock]▶[Lock SIM card].**

2 **Enter PIN code▶[OK].**

Entering the PIN code when powered on

1 **On the PIN code entry screen, enter the PIN code.**

2 **.**

Unlocking PIN lock

1 **Enter the PUK code▶Tap .**

2 **Enter a new PIN code▶Tap .**

3 **Enter the PIN code again▶Tap .**

Changing the PIN code

- You can change only when you activate the SIM card lock.

1 **From the Home screen, [apps folder]▶[Settings]▶[Security]▶[SIM card lock]▶[Change SIM PIN].**

2 **Enter the current PIN code▶[OK].**

3 **Enter a new PIN code▶[OK].**

4 **Enter the new PIN code again▶[OK].**

Basic operations

Basic operations

Using the touch screen

Precautions on using touch screen

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

Operations on the touch screen

■ Tap

Touch an item such as icon or menu with your finger lightly and release it.

- Double-tap means tapping twice quickly.

■ Touch and hold

Touch and hold an icon or menu item long.

■ Swipe (flick)

Touch the screen and flick up/down or left/right.

■ Drag

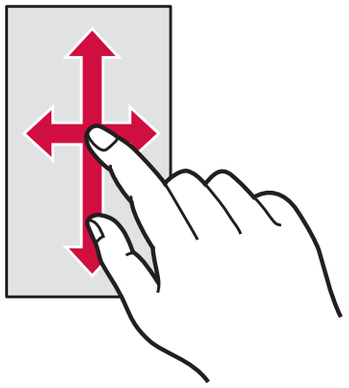
Touch the screen, drag to the desired position and release the finger.

■ Slide

When whole content cannot be displayed, while lightly touching the screen, move your finger to desired direction.

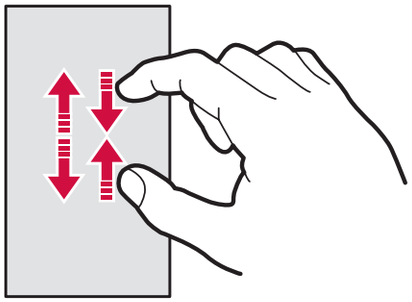
■ Scroll

When whole content cannot be displayed, flick up/down/left/right displayed content to scroll (move) the display position.



Pinch

Touch the screen with two fingers and widen (pinch-out) or narrow (pinch-in) the fingers' distance to zoom in/out screen display.



Using Side sense

Side sense is a feature that supports one-hand operations by the side edge of the screen.

- You can use Side sense in any screen (it may not be available depending on operating condition or displayed function).

Double-tap the side edge of the screen to open the Side sense menu where you can activate applications or turn on/off the functions. Slide up the side edge of the screen to display the Multi-window menu where you can activate the Multi-window (split screen). Also, slide down the side edge of the screen to undo the operation (return to the previous screen).

❖Information

- You can change the operation position (operation range or recognition method) on the side edge of the screen, or the operation sensitivity (speed of double-tapping or length of sliding), etc. in "Side sense" (P.191). Set as your preference.
- Side sense feature is not available in the following cases.
  - Displaying the screen in landscape view
  - While charing with a wireless charger (It is available when "Operation on inner edge of screen" (P.191) is set to ON)
  - In Emergency mode
  - Call is incoming/dialing/during a call

Using the Side sense menu

1 Double-tap the side edge of the screen

- The Side sense menu appears.
- If the explanation appears, tap [START]. You can practice the operations by tapping [TRY SIDE SENSE TUTORIAL].

① Application icon list
- Icons of recommended applications which are predicted by your usage condition are displayed.
- You can also set to display favorite application icons (P.191).

② Quick setting tools
- Icons of recommended quick setting tool (P.72) which are predicted by your usage condition.
- Tap it to turn on/off each function.

③ Notifications
- Open the Notification panel (P.71).

④ One-handed mode
- Activate One-handed mode (P.75).

⑤ More apps
- Display more applications that are not currently shown in the application icon list.

⑥ Multi-window
- Switch to the Multi-window menu (P.57).

⑦ Advanced
- Open the "Side sense" in Settings menu (P.191).

❖Information

- You can move the menu position up/down by dragging the screen while the Side sense menu is displayed.
- To end the Side sense menu, perform any of the following operations.
  - Tap ◯ or ◁
  - Tap outside of the Side sense menu
  - Double-tap the side edge of the screen

Using the Multi-window menu

You can activate Multi-window (split screen) using Side sense.

- Operations in the split screen (P.74).

1 Slide up the side edge of the screen

- The Multi-window menu appears.
- If the explanation appears, tap [START].

① Application icon list
- Icons of recommended applications which are predicted by your usage condition are displayed.
- Tap the application icon to open the application in the multi-window screen (split screen).
- To change the application to be displayed in the top window, tap the top part of the window illustration on the side and then tap the application icon.
- You can change the application displayed in the lower part by tapping the other application icon when Multi-window (split screen) is activated.

② Pairs of applications (Combination)
- Pairs of applications which are predicted by your usage condition are displayed.
- You can also set to display your desired pairs (P.191).

③ Exit Multi-window
- Exit Multi-window (split screen).

④ Swap windows
- Swap applications between the upper part and lower part when Multi-window (split screen) is activated.

⑤ More apps
- Display more applications that are not currently shown in the application icon list.

⑥ Side sense menu
- Switch to the Side sense menu (P.56).

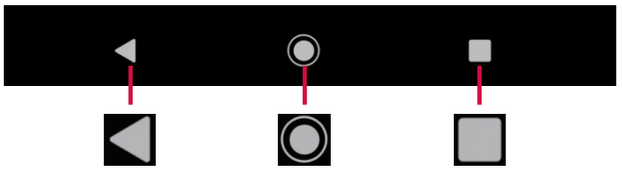
⑦ Advanced
- Opens "Multi-window menu" (P.191) in the Settings menu.

❖Information

- You can move the menu position up/down by dragging the screen while the Multi-window menu is displayed.
- To exit the Multi-window menu, perform any of the following operations.
  - Tap ◯ or ◁
  - Tap outside of the Multi-window menu
  - Slide up the side edge of the screen

Basic key icon operation

The following operations can be performed by tapping the key icon shown in the bottom of the screen.



◀	Back	Go back to the previous screen. Or close the menu, the Notification panel, etc.
◯	Home	Go to the Home screen. Touch and hold the icon to open the Google Assistant.
□	History	Display recently used applications in the thumbnail list where you can launch/exit the applications (P.73). Also, you can use the split screens (P.74).

* In this manual, the key icon operations are described as ◀, ◯, and □.

❖Information

- When "One-handed mode" (P.188) is set to ON, you can activate the one-handed mode by double-tapping ◯ (P.75).
- The color of key icon may differ depending on displayed screen.

Switching portrait or landscape view automatically

You can set the screen orientation to switch between landscape and portrait view automatically according to the terminal orientation.

1 From the Home screen, [apps folder]▶[Settings]▶[Display].

2 ◯ of "Auto-rotate screen".

❖Information

- You can also switch the landscape/portrait view by tapping ⟲ if ⟲ appears when you change the terminal orientation although this feature is set to OFF.
- Some displayed screens are fixed in portrait orientation or landscape orientation.
- Changing orientation of the terminal in nearly horizontal state against the ground may not switch the screen to the portrait view/landscape view automatically.
- You can also set from the Quick settings panel (P.72).

Setting Silent mode

- Even when the silent mode is set, shutter sound, start/end sound for video recording, alarm sound, and audio sound of video, music, etc. cannot be muted.

- If the sound volume is adjusted in "Ring and notification volume" (P.193) in silent mode, the silent mode setting is canceled.
- You can adjust media sound by dragging up/down the slider on the volume control bar which appears when the volume key is pressed. Tap to display the sound volume screen and you can change the volume of call sound, ringtone and notification sound, and alarm sound.

Setting Silent mode (Vibrate)

1 Press the volume up or down key.
- The volume control bar appears.

2 .
- The icon for the volume control bar changes to .

Setting Silent mode (Mute)

1 Press the volume up or down key.
- The volume control bar appears.

2 ▶ .
- The icon for the volume control bar changes to .

Capturing the displayed screen

You can capture the currently displayed screen as a still image (Take screenshot).
- For some applications, capturing of the screenshot is not available.

1 On a screen you want to capture, press and hold the power key and the volume down key at the same time for at least 1 second.
- The still image is saved and appears on the status bar.

❖Information
- Alternatively, press and hold the power key for at least 1 second▶Tap [Screenshot] to capture a screenshot.
- Drag the status bar down▶Tap the notification of screenshot to view the captured image. Also, open the notification of screenshot (P.71) and then tap the operation menu item to send, edit or delete the image.

Setting Emergency mode

In case of emergency such as disaster, restrict functions to save the battery power.

1 Press and hold the power key for at least 1 second.

2 **[Emergency mode]▶[IMPORTANT INFORMATION]▶Confirm the important information▶[CLOSE].**

3 **Mark "I have read the important information"▶[TURN ON].**

- The terminal restarts.

❖Information

- To cancel Emergency mode, operate any of the following (The terminal restarts when canceling).
  - Press and hold the power key for at least 1 second ▶[Emergency mode]▶Tap [TURN OFF].
  - Drag the status bar down▶Open the notification of emergency mode (P.71)▶[Emergency mode is on]▶[TURN OFF].
  - From the home screen of Emergency mode, tap ⚙▶[Turn off emergency mode]▶[TURN OFF].
- To check applications that are available in Emergency mode and the important information, operate as follows.
  - From the Home screen, [apps folder]▶[Settings]▶[Battery]▶[Emergency mode]▶[IMPORTANT INFORMATION].
  - From the home screen in Emergency mode, tap ⚙▶[About emergency mode].
- If you set/cancel the emergency mode, you may need to reconfigure widgets etc. on the Home screen.

Selecting an application to use

When you have some options of applications for certain operations such as sending an email or displaying an image, an application selection screen appears.

<Example> To select a mail application from "docomo phonebook" application

1 **From the Home screen, [apps folder]▶[docomo phonebook]▶Select a contact.**

2 **Select the email address.**

- The application selection screen appears.

3 **Select the application▶[JUST ONCE]/[ALWAYS].**

- Select "JUST ONCE" to view available applications each time, or "ALWAYS" to use the same application all the time. If you select "ALWAYS", the application selection screen does not appear the next time you perform the same task.
- If you previously selected "JUST ONCE" for an application, then a screen with that application selected appears when you perform the same task. Select another application in the "Use a different app" area as needed.

❖Information

- Some tasks may require you to select an application each time, with "JUST ONCE" or "ALWAYS" not displayed on an application selection screen.
- To deselect the application which is set to "ALWAYS", from the Home screen, tap [apps folder]▶[Settings]▶[Apps & notifications]▶[SEE ALL XX APPS]▶Tap an application you want to cancel the setting▶[Advanced]▶[Open by default]▶[CLEAR DEFAULTS].

Setting an application's permissions

The first time you launch an application or function that accesses other functions and information on your terminal, the confirmation screens requesting permissions of the access rights appear.
When you approve these access rights, the corresponding functions and information become available to the application/function.

<Example> When launching the [Music] application for the first time

1 From the Home screen, [apps folder]▶[Music].

- A confirmation screen appears.

2 [ALLOW]/[DENY]

❖Information

- If permission is not granted, some applications/functions may not work, or use of the functions may be limited.
- To change the setting of permissions, from the Home screen, tap [apps folder]▶[Settings]▶[Apps & notifications]▶[SEE ALL XX APPS]▶Tap any application to change the setting▶[Permissions]▶Tap the permission you want to change▶[Allow]/[Deny].
- Depending on application/function, an explanation screen for permission may appears. Also, multiple confirmation screens may appear or the display may be different. Check the displayed contents carefully and follow the onscreen instructions.
- In this manual, description of the confirmation screen may be omitted.

Character entry

Enter characters using the software keyboard (On-screen keyboard) which appears when you tap the character input box in a mail, phonebook, etc.
Input method is set to "Gboard" by default.

❖Information

- To hide software keyboard, tap ▼ displayed at the lower left of the screen.
- For details on Gboard, in the character entry screen, tap ⚙▶ ⋮ ▶[Help & feedback] and then refer to Support.

Switching the input method

You can change to the input method other than Gboard.

1 While entering characters, tap ⌨ at the bottom of the screen.

- The input method selection screen appears.

2 Select the input method you want to use.

❖Information

- If the input method you want to use is not displayed on the input method selection screen, from the Home screen, tap [apps folder]▶[Settings]▶[System]▶[Languages & input]▶[On-screen keyboard]▶[Manage keyboards]▶ ◯ of the input method you want to use.

Software keyboard

The default software keyboard is a Japanese keyboard and its layout is "12 keys" when the language is set to Japanese. You can add the following layouts to the Japanese keyboard.

- Character input method (P.63)

12 keys	Keyboard with the same key arrangement as a mobile phone. Repeatedly tap a key to select a character (multi-tap input). Flick input is also available.
QWERTY	Keyboard with characters allocated in the same arrangement as general PCs. Enter Japanese in Roman character. Flick input is also available.
Handwriting	Keyboard for inputting characters by handwriting.
GODAN	Keyboard for inputting Japanese with roman characters.

Adding the layout for Japanese keyboard

To use the layouts other than 12 keys, add them beforehand.

1 **In the character entry screen, ⚙▶[Languages].**

2 **[Japanese 12 keys].**

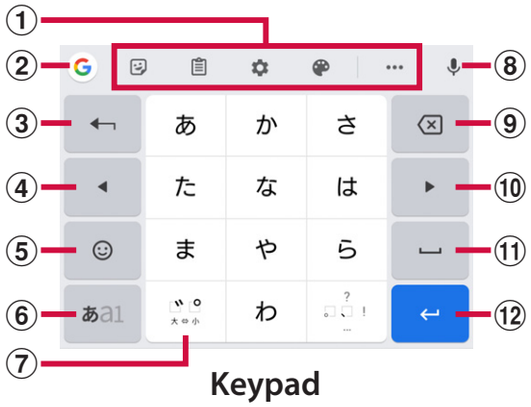
3 **Put checkmarks to the layouts▶[Done].**

❖Information

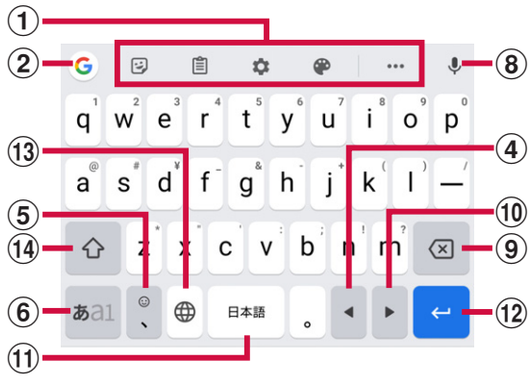
- Once the layout is added, 🌐 will be displayed on the software keyboard and the keyboard can be switched every time you tap the icon. Also, touch and hold 🌐 or ␣ to display the keyboard change screen and you can switch the keyboards.
- To add the other language's keyboard, in Step 2, tap "ADD KEYBOARD"▶Select the language etc.▶Select the country, region, etc. as required▶Put checkmarks the layouts▶[Done] Available layouts vary by language.
- If the layout selection screen appears when you tap the character entry field, you can set the layout for Kana or Alphabet mode.

Character input method

When you tap a key on the software keyboard, candidates list for the entered characters appears. Tap a word to enter from the candidate list, text can be input one after another.
Japanese keyboard in 12 keys and QWERTY layouts is explained in this section.



Keypad



QWERTY

① Tool bar
Displays the tool icon list (P.65).

② G
Searches for websites information and you can enter characters by quoting the search results.

③
Shows characters entered by Multi-tap input (P.66) in the order that is reverse of the regular one. Or undoes character conversion after it is decided.

④
Moves the cursor to the left. Or changes range of character conversion when it is not yet decided. Swipe (Flick) up/down to move the cursor to the other entry field (the operation may not be available depending on condition).

⑤
Display the list of emoji/sticker/smiley etc.
In QWERTY keyboard, enters a punctuation mark. Touch and hold it to display the icons and you can switch to the one-handed mode, or display the list of emoji etc. or the setting screen.

⑥ あa1 / あa1 / あa1
Switches the character mode to "Kana"→"Alphabet"→"Number" in order. Touch and hold it to display icons with which you can display the Settings screen or switch to the one-handed mode.

⑦
Puts a sonant mark/p-sound mark, or switches to uppercase/lowercase.

It is appeared when the layout for Japanese keyboard or the keyboard for other language is added. Tap it to switch the keyboard. Touch and hold it to display the keyboard change screen.

⑧
Switch to voice input to enter characters with voice.

⑨
Deletes the character before the cursor.

⑩
Moves the cursor to the right. Or changes range of character conversion when it is not yet decided. Swipe (Flick) up/down to move the cursor to the other entry field (the operation may not be available depending on condition).

⑪ / 日本語
Enters a space. Before confirming conversion when entering characters in Kana mode, the display changes to "変換 (Convert)". Tap it to display/switch the conversion candidates.

⑫
Enters a line feed. Tap it to decide characters before conversion is decided.
* In some screens, , , , , etc. appear.

⑬
Switches the keyboards each time you tap. Touch and hold it to display the keyboard change screen.

⑭ /
Switches entries between lower case letter and first capital letter. Double-tap to change the key to for entering upper case letter.

❖Information

- To enlarge the display area, tap in the candidate list. To display the software keyboard, tap .

Using the tool icon

Tap the tool icon on the tool bar to operate as follows.

(Sticker)	Display the list of emoji/sticker/smiley etc.
(Clipboard)	Quote characters saved to the clipboard and enter characters.
(Settings)	Display the Settings screen.
(Theme)	Change software keyboard theme.
•••	Display the list of tool icons that are not displayed in the tool bar. • Touch and hold the tool icon and drag to the tool bar to display in the tool bar.
(One-handed)	Switches to the software keyboard whose size can be operated with one hand.
(Text Editing)	Select, cut, copy, or paste characters.
(Share Gboard)	Send information such as the current layout via Bluetooth, email, etc.
(Translate)	Translate word, sentence, etc. and enter it.
(Floating)	Allow the software keyboard to move to the other position.

Flick input

Touch a key of 12 keys to display a character, number, or symbol that are assigned to the key. Flick to the direction of a target character etc. to enter the character.

- On the QWERTY keyboard, flick each key up or down to enter number or symbol.

<Example> Entering "な" column character on 12 keys

You can enter "な" only by tapping. Flick left for "に", up for "ぬ", right for "ね" and down for "の".

Multi-tap input

On the 12 keys keyboard, tap the same key consecutively to enter a character, number, or symbol that are assigned to the key.
To enter characters etc. assigned to the same key consecutively, wait until the color of the cursor indicating the conversion range is changed (approx. 1 second) and then enter the next character. To enter the next character soon, tap ▸ to change the color of cursor.

<Example> Entering "あお"

1 **Tap "あ" once▶Wait for approximately 1 second (until the color of cursor is changed).**

2 **Tap "あ" 5 times.**

or

1 **Tap "あ" once▶ ▸ (immediately).**

2 **Tap "あ" 5 times.**

Editing text

You can cut or copy text in character entry screen or web page and then past it to the other application etc.

1 **Touch and hold text.**
- The text is selected and the edit menu appears nearby.
- Alternatively, double-tap text.

2 **Drag ◖ / ◗ to up/down/left/right to select range of the text.**

3 **Tap the item in the edit menu.**

Cut	Cut a selected character string.
Copy	Copy a selected character string.
Paste	Paste a copied/cut character string.
Share	Use the selected text in the other application.
Select all	Select all text.
Web search	Search for online information related to the selected character string.
⋮	Display the editing menu that could not be shown. Tap ← to return to the previous editing menu.

❖Information

- To paste a copied or cut character string, touch and hold a position to insert▶Tap [Paste]. When text is already entered, tap a position to insert▶ ▶Tap [Paste].
- On some applications, these functions may not be available or the editing menu may appear different.

Personal dictionary

Add words to Personal dictionary beforehand to have them appeared preferentially in the candidate list when entering characters.

1 In the character entry screen, ▶[Dictionary]▶[Personal dictionary].

- When the language selection screen appears, select the language.

2 +.

3 Enter a word etc. to the "Type a word" field.

4 Tap the "Optional shortcut" field▶Enter a shortcut word.

5 ←.

❖Information

- To delete registered words, in Step 2, select the words to delete▶ .

Setting character entry

You can make settings of character entry per input method such as Gboard, or check the application information or use method of Moji-Henshu.

1 From the Home screen, [apps folder]▶[Settings]▶[System]▶[Languages & input].

2 [On-screen keyboard]▶Select the input method.

- Tap an item displayed on the screen to set.

❖Information

- The items vary depending on the input method.
- For Gboard, alternatively, tap in the character entry screen to display the Settings screen.
- If the input method is not displayed, in Step 2, [On-screen keyboard]▶[Manage keyboards]▶Tap of the input method you want to use.

Notification LED

Notification LED provides information on the terminal status, incoming calls, mail reception, etc.

LED color and lighting	Indication
Red	Indicate that the battery level is 14% or less while the battery is being charged
Orange	Indicate that the battery level is 15% - 89% while the battery is being charged
Green	Indicate that the battery level is 90% or more while the battery is being charged
Flashing red	Indicate that the battery level is 14% or less
Flashing white*	Indicate missed calls, new Gmail, etc. exist

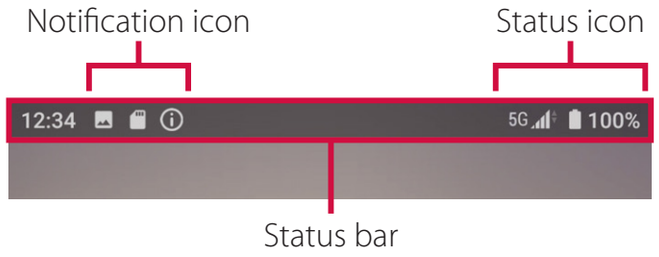
* Flashing in sleep mode.

Screen display and the icons

You can check notifications from applications, the terminal status, etc. with the icons on the status bar. Display the Notification panel to check detail information such as notifications appeared in the status bar. Also, you can open the Quick settings panel and set ON/OFF of the functions.

Status bar

In the status bar at the top of screen, the notification icons of new mail, running operation, etc. and the status icons of the signal status, battery level, etc. appear.



Status icon

The main status icons displayed on the status bar are as follows.

	Signal strength*1	—
5G	5G available	—
4G+	4G (LTE) available*2	—
	During International roaming	—
	Out of service	—
	Connected to Wi-Fi*1*3	P.172
	Connected to a Wi-Fi network with no access to the Internet. The Wi-Fi signal is poor.*3	P.173
	Portable hotspot (Wi-Fi tethering) ON	P.178
	Connected to Bluetooth device	P.214
	Airplane mode activated	P.180
	Silent mode (vibrate) ON	P.59
	Silent mode (no vibrate) is set	P.59
	Calling with hands-free (speaker ON)	P.105
	Calling with the mouthpiece/ microphone OFF (mute)	P.105
	Alarm or TV reservation is set	P.160, P.166
	Silent mode is set	P.186
	Positioning with GPS	P.163
	Connected to VPN	P.180
	Data Saver is set	P.177
	STAMINA® mode ON	P.187
	Battery status	—
	The battery is charging	P.42
	Charging is required	—

*1 appears on the right of the icon during communication.

*2 4G+ is always displayed when the terminal is connected with LTE.

*3 The number appeared at the left of the icon varies by the wireless LAN (Wi-Fi) standard that is currently connected.

Notification icon

The main notification icons displayed on the status bar are as follows.

	New Gmail message	P.124
	New +Message message	P.118
	New Area Mail	P.125
	Screenshot image is saved	P.59
	Receiving/downloading data	—
	Sending/uploading data	—
	Notification of data reception etc. via Bluetooth communication	P.215
	microSD card is detected/currently mounted	P.40
	Update notice of application	—
	Installation of application completed	P.149
	Software update notification	P.236
	Osaifu-Keitai function in docomo nano UIM card is locked.	P.153
	Call is incoming/dialing/during a call	P.100
	Call is on hold	P.105
	Missed call	P.107
	Notification from Answering Machine	P.103, P.107

	New voice mail	—
	Notification from Schedule/Memo	P.96, P.165
	Stopwatch is running*	P.167
	Timer is in use*	P.167
	Alarm is sounding/Alarm is snoozing/ Next alarm exist	P.166
	Playing a truck in Music	P.161
	Watching TV*/Notification of reserved watching	P.156
	Recording TV*/Notification of reserved recording	P.160
	Auto Exit Timer of TV watching is set	P.158
	Creator mode is active	P.188
	Dynamic vibration is worked together	P.192
	USB device is connected/Moisture on USB Type-C jack is detected	P.182, P.194
	Screen mirroring in use	P.181
	Wi-Fi open network available	P.174
	Charging with Battery Care	P.43
	Battery is low (15% or less)	—
	Error message/caution message	—
	Hidden notifications	—
	USB tethering ON	P.179
	Bluetooth tethering is ON and Bluetooth device is connected	P.179
	2 or more tethering functions in use	—
	AUTO-GPS is set	P.201
	Omakase Lock is set	—
	Notification from docomo Data Copy	P.168

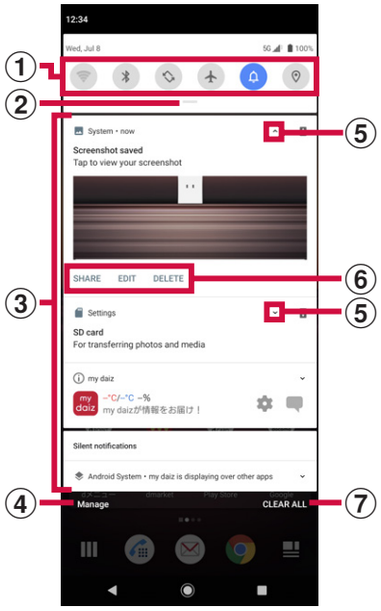
	Available internal storage is getting low	—
	Authentication failed when you set up your d ACCOUNT	P.50

* Appears when switched to the Home screen etc.

Notification panel

When the notification icons appear on the status bar, you can open the Notification panel to check the notifications, activate corresponding application, etc.

1 Drag the status bar down.



① Quick setting tools
- A part of the quick setting tools (P.72) are displayed.
- Tap it to turn on/off each function.
- Touch and hold it to display the setting screen, etc. depending on function.

② Open the Quick settings panel
- Drag down to open the Quick settings panel (P.72).

③ Notifications
- When you tap notification with ⊡ while the application that is compatible with the split screen is activated, the application can be displayed in the split screen. Or, while the application that is compatible with the split screen is not activated, it activates in the normal screen.
- Swipe (flick) left or right the notification to clear from the list. However, some notifications may not be cleared.
- To change the notification setting, drag the notification left or right and tap the displayed ⚙, or touch and hold the notification.
- The notifications with no sound or vibration set can be displayed in the "silent notification" field. Touch and hold the notification to change the sound or vibration setting. However, the setting may not be available for some notifications.

④ Manage
- Display a list of applications whose notifications are currently displayed to set ON/OFF of each notification setting.

⑤ Open/Close the notification
- Tap to open the notification to fully display the content or the operation menu.
- Some notifications may not be displayed or opened by tapping.

⑥ Operation menu
- The operation menu such as "CALL BACK" or "DELETE" may be displayed when it is opened.
- For some notifications, operations such as replying a message of +Message may be available by tapping the item of the operation menu on the Notification panel.

⑦ CLEAR ALL
- It appears when there are any notifications that can be cleared to clear all notifications. However, some notifications may not be cleared.

❖Information

- To close the Notification panel, tap ◀ or drag the Notification panel up.
- Even when the notification icon is not displayed on the status bar, the notification etc. indicating the terminal status may be displayed.
- You can also check the notification by swiping (flicking) down the lock screen to open the Notification panel (New notifications arrived after the screen lock is set and some notifications can be displayed without any operation). You can also set to hide notifications on the lock screen in "Notifications on lockscreen" (P.185) or display them all the time in "Keep notifications" (P.186).

Quick settings panel

Set ON/OFF etc. of each function.

1 Drag the status bar down with two fingers.

① Brightness level
- Adjust the screen brightness.

② Quick setting tools
- Touch and hold it to display the setting screen, etc. depending on function.
- When the indicator of the number of pages and the current page position appears below the quick setting tools, swipe (flick) the quick setting tools left or right to switch the page.

Wi-Fi	Set ON/OFF of Wi-Fi function.
Bluetooth	Set ON/OFF of Bluetooth function.
Auto-rotate	Set whether to switch portrait/ landscape view automatically according to the terminal orientation.

Airplane mode	Enable/disable Airplane mode.
Silent mode (XXXX)*	Set silent mode.
Location	Enable/disable location information.
Flashlight	Set ON/OFF of the flash/photo light.
STAMINA mode	Enable/disable STAMINA mode.
Hotspot	Set ON/OFF of portable hotspot function.
Dolby Atmos	Set ON/OFF of Dolby Atmos.

* In "XXXX", the silent mode type appears.

③ EDIT
- Display the edit screen to add, delete or rearrange the quick setting tools.
- In the edit screen, ⋮ ▶[Reset] to restore to the default.

④ Name of network operator

⑤ Settings
- Display the setting menu (P.171).

⑥ Multiple users
- Appears when you added a user/guest who can use the terminal.
- You can switch the user of the terminal, or add a user/guest.
- Tap [Advanced] to display "Multiple users" in the Settings menu (P.209).

❖Information

- The quick setting tool may be automatically added depending on usage condition.
- You can also open the Quick settings panel by dragging down the Notification panel or dragging down the status bar on the lock screen.
- To close the Quick settings panel, drag it up.

Task manager

Display recently used applications as thumbnails to confirm, open, switch between, or close them.

1 □.
- Applications are displayed as thumbnails.
- Swipe (flick) left or right to switch the thumbnails.

❖Information

- Tap a thumbnail to open or switch the application. However, depending on the displayed thumbnails, the application may not be opened.
- Swipe (flick) a thumbnail up to clear the thumbnail and exit the application. Swipe (flick) the left end thumbnail right▶Tap [CLEAR ALL] to clear all thumbnails.
- When "Screen pinning" (P.197) is set to ON, tap the icon displayed in the upper part of thumbnail▶[Pin] ▶[GOT IT] to pin the screen so that you cannot use the other applications except the currently displayed one. To cancel pinning, follow the onscreen instructions.

Split screen

Split the screen to display and operate two applications at the same time.

- Activate the applications to display beforehand.
- Split screen may not be available depending on application.

1 ▢.

- Applications are displayed as thumbnails.

2 **Tap an icon appeared in the top of a thumbnail▶[Split screen].**

- For applications which are not available for the split screen, "Split screen" does not appear.

3 **Tap the application thumbnail to display from the lower part of the screen.**

- If an application thumbnail you want to display is not displayed, tap ◉ to activate the application.
- If you select the application which is not available in the split screen, the confirmation screen for asking if you end Multi-window (Split screen) and activate the application appears.

❖Information

- The application windows of the split screen can be displayed up and down in the portrait view and left and right in the landscape view.
- Drag ▬ of the split line displayed in the center of the split screen up or down (in the landscape view, left or right) to change the range of the application display.
- To end the split screen, drag ▬ to the top end or bottom end of the screen (left end or right end for the landscape view).
- When the home app is Xperia Home, touch and hold a shortcut (application) in the Home screen, or touch and hold an application icon in the Application screen and then tap [Split screen] or ▭ in the shortcut menu to activate the split screen.

Switching applications (Multi-window switch)

1 **In the split screen, tap ▬ of the split line.**

- ⊕ appears on the split line.
- To change the display position, drag ⊕ left or right. (up or down for the landscape view).

2 ⊕.

- The application thumbnails are displayed in the upper - lower panes (left - right panes in the landscape view)

3 Display the application thumbnail or the name you want to switch to.

- Swipe (flick) the thumbnail left/right (up/down in the landscape view) to display the thumbnail or name of the application you want to switch to.
- Alternatively, tap [All apps] displayed in the left/right end (upper/lower end in the landscape view) of the thumbnail line▶Tap the application to display it.

4 [Done].

❖Information

- Alternatively, in Step 3, tap the pair of applications (combination) displayed in the bottom of the screen (left/right in the landscape view) to switch the applications.
- To change the application that is displayed last, in the split screen, tap and select the application thumbnail, or tap ▶Activate the application to display.

One-handed mode

Reduce the screen so that you can easily operate the terminal with one-hand.

- To activate one-handed mode with , set in advance from the Home screen, tap [apps folder]▶[Settings]▶[Display]▶[Advanced]▶[One-handed mode]▶ .

1 Double-tap .

❖Information

- Tap [Home button setting] at the top of the screen to display "One-handed mode" of the setting menu (P.188).
- Drag which appears in the top of the reduced screen up or down to move the reduced screen vertically.
- Tap / shown left/right of the reduced screen to make the reduced screen to left-aligned/right-aligned.
- Drag shown in the top left of the reduced screen (right-aligned), or shown in the top right (left-aligned) diagonally to change the size of the reduced screen.
- To end one-handed mode, tap outside of the reduced screen, or double-tap .
- The one-handed mode may end automatically depending on operation condition, for example, when the screen turns off or the screen is switched to the landscape view, etc.

Searching information in the terminal and websites

Enter a word in the search box to search the information in the terminal or on the Internet.

1 From the Home screen, tap the Google search widget.

2 Enter a keyword to search.

- Character entry (P.62)
- The search candidate list appears.

3 Tap the search suggestion or of the software keyboard.

❖Information

- Alternatively, from the Home screen, tap [Google]▶[Google] to open the "Google" application.
- When the search candidates include applications, the applications can be activated by selecting.
- In the search result screen etc., tap [More]▶[Settings] to set for search.

Using Google Voice Search

Enter a search key word by voice.

1 From the Home screen, tap on the Google Search widget.

2 Speak a search key word to the mouthpiece/microphone.

Home screen

Switching the home app

You can switch the home app for the terminal to "docomo LIVE UX", "Xperia Home" or "Simple Home".

- "docomo LIVE UX" (P.77)
- "Xperia Home" (P.85)
- "Simple Home" (P.88)

1 From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications].

2 [Default apps]▶[Home app].

3 Tap any of [docomo LIVE UX]/[Simple Home]/[Xperia Home].

- When you select "Simple Home", confirm the content and tap [OK].

❖Information

- When the home app is switched, widgets or shortcuts on the screen may not be displayed correctly depending on home screen layout etc.

docomo LIVE UX

docomo LIVE UX is a home app 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, tap ▶ ⋮ ▶[Help] to see Help, or refer to the following website.
https://www.nttdocomo.co.jp/service/live_ux/index.html (in Japanese only)

Home screen layout

In Home screen, you can activate applications or use widgets. All applications can be added to the Home screen.

- Swipe (flick) the Home screen left or right to switch the pages.
- A dot or number may appear on upper right of application icon or folder when the application has a notification.

① Widgets
- Activate widgets (Google Search).
- Touch and hold to display the shortcut menu where you can perform certain operations.

② Machi-chara
- Tap to ask something you want to know through dialog.

③ Application icons
- Tap to activate the application.
- Touch and hold to display the shortcut menu where you can perform specified operations or check the application information. When ═ is displayed, touch and hold and then drag it to any location to add a shortcut of specified operation to the Home screen.

④ Indicator
- Shows the number of home screens and indicates which page you are in.

⑤ Function button
- Search or use applications (P.81), change wallpaper/Kisekae, sort home screens, etc.

⑥ Dock
- These icons are always displayed even when the Home screen page is switched.

⑦ Customizing area
- Locate application icons, widgets, folders, etc.

⑧ Folder
- Contains the application icons etc.

⑨ My Magazine button
- Display My Magazine (P.83).

❖Information

- When there is a notification for application update or pause of setup in the Notification panel, or there is any application icon which is shown in gray, download the application (P.99).

Managing the Home screen

Moving application icon, etc.

1 In the Home screen, touch and hold an icon you want to move.
- The shortcut menu appears.

2 Drag it to a desired position.
- To move to the next page, drag it to left/right end of the Home screen.
- Alternatively, tap [Move] in the shortcut menu and then drag an application icon, etc.

Removing widgets, etc.

1 In the Home screen, touch and hold a widget you want to remove.
- The shortcut menu appears.

2 [Remove from Home].
- You cannot remove folders in which applications are stored.

Uninstalling the applications

- Before uninstalling, back up all of the related contents which you want to save including the data saved in the application.
- Some applications may not be uninstalled.

1 In the Home screen, touch and hold an icon of application you want to uninstall.
- The shortcut menu appears.
- To uninstall applications in a folder, tap a folder and then touch and hold an application to uninstall.

2 [Uninstall].
- For applications that cannot be uninstalled, "Uninstall" is not shown.
- When "Disable app" is displayed, you can disable the application (P.185).

3 [OK].

Renaming folder

1 In the Home screen, tap a folder.

2 Tap the folder name.

3 Enter a folder name.

- When entry is finished, tap ✓ on the software keyboard.

Setting Home screen

1 Touch and hold an area of the Home screen where no icons, etc. are displayed.

Create folder	Add a folder.
Wallpaper and Kisekae	Change wallpaper or Kisekae.
Create widgets	Display widgets list. • To add a widget to the Home screen, touch and hold a location where you want to locate the widget on the Home screen▶[Create widgets]▶Tap a widget. • If there is no available space for a widget, it will be added to empty space. If there is no available space, a page will be added.
Home screens	Display a list of home screens (P.81).
Home setting	Make settings of Machi-Chara or My Magazine, back up or restore the Home screen layout, etc.

Changing wallpaper

1 Touch and hold an area of the Home screen where no icons, etc. are displayed▶[Wallpaper and Kisekae].

- Alternatively, in the Home screen, tap ▶[Wallpaper & Kisekae].

2 Tap an image to set as wallpaper.

- Tap ⋮ at the upper right of the screen ▶[wallpaper other] to select an image from other applications.

3 Follow the onscreen instructions to set wallpaper.

Changing Kisekae

1 Touch and hold an area of the Home screen where no icons, etc. are displayed▶[Wallpaper and Kisekae].

- Alternatively, in the Home screen, tap ▶[Wallpaper & Kisekae].

2 [Kisekae] at the upper right of the screen.

3 Select a Kisekae▶[Set].

- You can download Kisekae contents by tapping [Search on the web].

Setting Machi-Chara display display

1 Touch and hold an area of the Home screen where no icons, etc. are displayed▶[Home setting]▶[Machi-Chara setting].

2 / of "キャラ表示 (Show character)".

Managing pages

1 Touch and hold an area of the Home screen where no icons, etc. are displayed▶[Home screens].

- Alternatively, in the Home screen, tap ▶[Home screens].

2 [Add Home screen].

- To delete the page of the Home screen, tap of the thumbnail of the page you want to delete.
- You cannot delete a page where application icons, etc. are located.
- To rearrange pages, touch and hold a page thumbnail you want to rearrange ▶Drag it to desired location.

❖Information

- Alternatively, pinch-in on the Home screen to display the home screen list.
- Up to 32 pages can be added.

Using Osusume Apps

Recommend applications or services according to your usage condition.

1 From the Home screen, .

2 [Recommends].

- When using for the first time, the use confirmation screen appears. Tap [ENABLE] to the explanation screen appears. In the explanation screen, tap [おすすめアプリ一覧へ (To Osusume Apps list)] to display the recommended application list screen and enable notifications from Osusume Apps.

3 Select an application or service.

- An introduction screen for the application or a service page appears.

❖Information

- In the Osusume Apps list screen, ▶Tap / of each setting to switch it to ON/OFF.
- When you have agreed the terms of use of Osusume Apps, tap in the Home screen to display the extract version of Osusume Apps. To display the Osusume Apps list, tap [See More].

Searching an application

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

1 **From the Home screen, ▥.**

2 **🔍.**

3 **In "Search app" field, enter an application name.**
- Tap [By most recently used]/[By installation date]/[By app name] to display all applications in a list sorted by the specified order.

4 **Select the application.**
- The application activates.
- Tap 🔍 to display a page of Home screen or folder where the selected application which is highlighted is located.

Backing up and restoring the Home screen

You can use docomo LIVE UX data backed up on the docomo cloud to restore the layout of applications, widgets, and other items on the Home screen. At that time, a page for docomo services is added to the last (page) of the Home screen.
- To use the backup and restore features, you need to set up your d ACCOUNT (P.50).

Backing up the Home screen

1 **Touch and hold an area of the Home screen where no icons, etc. are displayed▶[Home setting].**

2 **[Layout backup & Restore].**

3 **⚙▶[BACKUP].**

Restoring the Home screen

1 **Touch and hold an area of the Home screen where no icons, etc. are 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 in categories you selected. With tendency of articles you read and your profile information, the more you use, the more it comes close to your preference. Also, you can set to enable notifications, or customize My Magazine using location information, your docomo service subscriptions, etc.

Viewing articles

1 **From the Home screen, tap ▭.**

- When the screen which prompts to select categories appears, select categories▶[OK].
- A list of articles by category is displayed.
- Swipe (flick) left or right to switch the categories.

2 **Tap an article you want to read.**

- You can change the settings of My Magazine or check the help by tapping ⋮.

Setting the category display

1 **From the Home screen, ▭.**

2 **⋮▶[Display category setting].**

- Marked categories will be displayed on My Magazine.
- Tap ⇕ at the upper right of the screen to sort the categories.

my daiz NOW

my daiz NOW is a service which delivers convenient information according to your preference or behavior. You can readily check information which is convenient for daily life such as weather, traffic, or gourmet.

Displaying my daiz NOW

1 In the left end page of the Home screen, swipe (flick) right.

- In the right end page of the Home screen, swipe (flick) left.
- Swipe (flick) up or down to switch cards to be displayed.
- Swipe (flick) left or right to return to the Home screen.
- If the confirmation screen etc. appears, tap [my daizを使ってみる (I'll try "my daiz")] and follow the onscreen instructions.

2 Tap a card you want to read.

- Tap a card to view the detail information.
- Tap my daiz (character) appeared in the upper left of screen to ask something you want to know through dialog.

Setting the display

Set to show/hide my daiz NOW.

1 Touch and hold an area of the Home screen where no icons etc. are displayed▶[Home screens].

- Alternatively, in the Home screen, tap ▶[Home screens].

2 Tap of my daiz NOW thumbnail.

- You can hide my daiz NOW.
- Tap to show my daiz NOW again.

Home app information

You can check the version information, etc. of docomo LIVE UX.

1 **From the Home screen, ▶ ⋮.**

2 **[About].**

- If the update of docomo LIVE UX is available, "Update now" is displayed in the application information screen. Tap it to update docomo LIVE UX.

Xperia Home screen

This section describes the Home screen displayed when the home app is set to "Xperia Home".

① Widget : Clock widget

② Machi-chara
- Tap to ask something you want to know through dialog.

③ Shortcuts (applications)
- Touch and hold to display the shortcut menu where you can perform specified operations or check the application information. When ═ is displayed, touch and hold and then drag it to any location to add a shortcut of specified operation to the Home screen.

④ Folder
- Several shortcuts (applications) etc. are contained.

⑤ Dock
- Locate shortcuts (applications) or folders. They are always displayed even if the page of the Home screen switches.

⑥ Widget : Google Search
⑦ Wallpaper
⑧ Widget : 21:9 Multi-window
- Tap to display the Multi-window menu (P.57).

❖Information

- Swipe (flick) the Home screen up to open the Application screen.
- In the Home screen, swipe (flick) the part above the dock left or right to switch the pages and the indicator of the current location appears above the dock.
- Touch and hold a shortcut (application), etc. and drag it to the left/right end of the screen to move to the next page. Also, drag the rightmost page to the right end of the screen to add a home screen page.
- You can add widgets, change the wallpaper, etc. by touching and holding an area of the Home screen where no icons, etc.
- Swipe (flick) the Home screen down to open the Notification panel.
- When there is any notification indicating update of application or pause of setup, or a shortcut of application icon which is shown in gray in the Notification panel, download the application (P.99).
- A dot or number may appear for shortcut (application) or folder when there is a notification from the application.

Adding folders on the Home screen

You can put shortcuts etc. added to the Home screen into a folder to organize them.

1 From the Home screen, touch and hold an icon▶Drag it over another icon.

❖Information

- To store an icon into a folder, touch and hold an icon in the Home screen▶Drag it over a folder.
- To rename a folder, tap a folder▶Tap the folder name, or tap [Unnamed Folder].
- To delete a folder, touch and hold the folder on the Home screen▶Drag it to "Remove" which appears at the top of the screen. Shortcuts (applications) etc. in the folder are also deleted.

Adding a widget to the Home screen

Widget is an application which can be added to the Home screen to use. Use a widget to start an application easily.

1 Touch and hold an area of the Home screen where no icons, etc. are displayed.

2 **[Widgets]▶Touch and hold a widget to add.**

- When the Home screen appears, drag it to anywhere.
- If the settings screen etc. appears, follow the onscreen instructions.

❖Information

- If a frame is displayed when a widget added to the Home screen is touched and held, you can drag the frame to resize the widget.
- To remove a widget, on the Home screen, touch and hold the widget▶Drag it to "Remove" which appears at the top of the screen.

Changing wallpaper

You can change the wallpaper of the Home screen and the lock screen.

1 **Touch and hold an area of the Home screen where no icons, etc. are displayed.**

2 **[Wallpapers].**

3 **Tap an image to set as wallpaper.**

- When you tap [My photos] at the left end of the screen, select an image and then follow the onscreen instructions.

4 **Follow the onscreen instructions to set wallpaper.**

Setting Home screen

1 **Touch and hold an area of the Home screen where no icons, etc. are displayed.**

2 **[Home settings].**

Show Google™ App	Set whether to display the Google App screen in the Home screen. Swipe (flick) the first page right to display it.
Notification dots	P.185
Add icon to Home screen	Set whether to add a shortcut (application) in the Home screen when an application is installed.
Allow Home screen rotation	Set whether to allow the Home screen or the Application screen to rotate.
Show quick search box	Set whether to display the Google Search widget in the Home screen.

Simple Home screen

This section describes the Home screen displayed when the home app is set to "Simple Home". Set Simple Home to use the home screen and the setting menu that are limited to the basic functions.

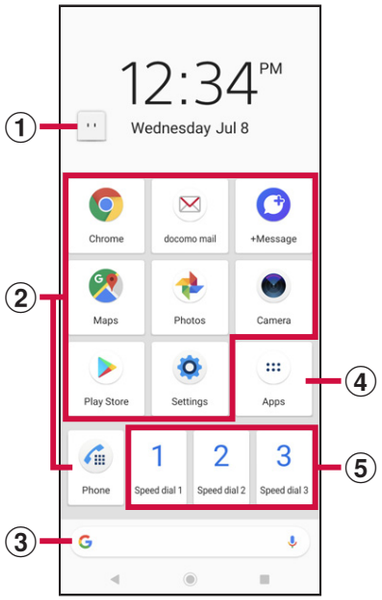
1 **From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications].**

2 **[Default apps]▶[Home app]▶[Simple Home].**

3 **[OK].**

- To set the font size to "Largest", put a checkmark "Set font size to Largest".

Applications on Simple Home



① Machi-chara
- Tap to ask something you want to know through dialog.

② Application icon
- Tap to activate an application.

③ Google Search

④ Apps
- Applications that are not displayed in the Simple Home screen are displayed in a list.

⑤ Speed dial
- Use the speed dial (P.89).

❖Information

- To change to the standard Home screen, from the Simple Home screen, tap [Settings]▶[Exit Simple Home]▶[OK]▶[docomo LIVE UX]/[Xperia Home].
- A dot or number may appear for the application icon, folder, etc. when there is a notification from the application.

Using Speed dial

Register frequently used contacts to "Speed dial 1" - "Speed dial 3" to make calls or send emails easily.

Saving contacts

Register a frequently used contact to "docomo phonebook" application in advance.

1 On the Simple Home screen, tap any of [Speed dial 1]/[Speed dial 2]/[Speed dial 3]▶[OK].

2 Select a contact to save.

- Display of "Speed dial 1"/"Speed dial 2"/"Speed dial 3" changes to the name in the registered contact.

❖Information

- To change/delete/edit contact saved in the speed dial, from the Simple Home screen, select the speed dial▶[MENU]▶Tap any of [Edit entry]/[Delete entry]/[Edit contact].

Making a call

1 On the Simple Home screen, select the speed dial▶[Call].

- Operation during a call (P.105)

Sending a message of +Message/email

1 On the Simple Home screen, select the speed dial▶[Send message]/[Send email].

- How to send a message via +Message (P.120)
- How to send Gmail (P.124)

Using Settings

1 On the Simple Home screen, [Settings].

Phone number		Your own phone number is displayed.
Display	Brightness	Adjust the screen brightness.
	Adaptive brightness	Adjust the screen brightness automatically according to the ambient brightness, etc. with reference to the brightness set in "Brightness".
	Auto-rotate screen	Set whether to switch portrait/landscape view automatically according to the terminal orientation.
	Font size	Set font size.
	Sleep	Set a time for turning off of screen.
	Screen lock	Set screen lock unlocking method or fingerprint.
Sound	Silent/Vibrate mode	Set silent mode.
	Ringtone	Set ringtone.
	Vibrate on touch	Set whether to vibrate the terminal when the key icon is tapped.
	Touch sounds	Set whether to emit sound when selecting menu etc.
	Vibrate when ringing	Set whether to vibrate the terminal while receiving a call.
Customize Home		P.91
More settings		Display the setting menu on the standard Home screen (P.171).
Exit Simple Home		Change to the standard Home screen.

Changing applications on the Simple Home screen

1 On the Simple Home screen, [Settings]▶[Customize Home].

2 [Change apps]/[Reorder apps].

3 Select the application▶Select the application to newly display/select the location to move to.

- When "Change apps" is selected, changing "Setting" and "Apps" cannot be changed.

4 [OK].

❖Information

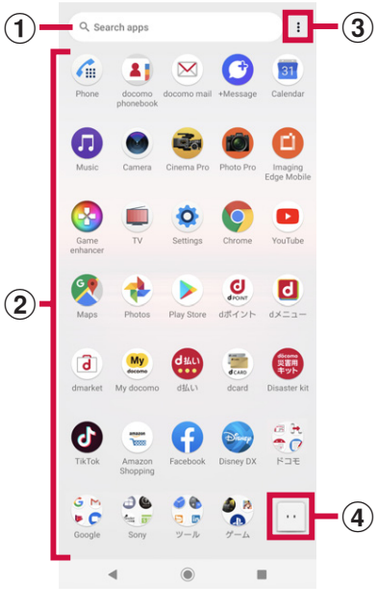
- In Step 2, tap [Reset]▶[OK] to restore the defaults. Note that contacts registered to the speed dials cannot be reset.

Application screen

When the home app is set to "Xperia Home", all applications are displayed in the Application screen.

- Switching Home app (P.77)

1 Swipe (flick) the Home screen up.



① Search bar
- Search applications.

② Application icon list
- Touch and hold an application icon to display the shortcut menu where you can perform specified operations or check the application information. When ═ is displayed, touch and hold and then drag it to any location to add a shortcut of specified operation to the Home screen.

③ Menu
- Set the order of application icons, or edit the Application screen.

④ Machi-chara
- Tap to ask something you want to know through dialog.

❖Information
- A dot or number may appear for the application icon or folder when there is a notification from the application.

Adding an application to the Home screen

Add shortcuts of application to the Home screen.

1 In the Application screen, touch and hold an application icon.
- The shortcut menu appears.
- To add applications from a folder, tap the folder and then touch and hold an application icon.

2 Drag it a little in any direction.
- When the Home screen is displayed, drag it to a position to locate the shortcut (application).

❖Information
- Touch and hold the folder in the Application screen to add the folder containing the application shortcuts to the Home screen.
- To delete a shortcut (application), touch and hold a shortcut (application) in the Home screen▶Drag it a little in any direction▶Drag it to "Remove" displayed at the top of the screen. When "Uninstall" appears at the top of the screen, drag it to "Uninstall" to uninstall the application.

Uninstalling an application

- Before uninstalling application, back up contents related to the application that you want to save including data saved in the application.
- Some applications may not be uninstalled.

1 In the Application screen, touch and hold the icon of application you want to uninstall.
- The shortcut menu appears.
- To uninstall applications in a folder, tap the folder and then touch and hold an application icon.

2 [App info].
- The application information screen appears.
- If "App info" is not displayed, tap ⓘ.

3 **[UNINSTALL].**

- For applications that cannot be uninstalled, "UNINSTALL" is not shown. When "DISABLE" is displayed, you can disable the application (P.185).

4 **[OK].**

Editing the Application screen

When the order of application icons is set to "Own order" in the menu (P.91), you can rearrange the application icons as you like, or organize them by storing them to folders.

1 **In the Application screen, ⋮▶[Rearrange].**

- The rearrange screen appears.

2 **Touch and hold an application icon.**

3 **Drag it to a desired location.**

- Drag it over a folder to store an application icon to the folder.
- Drag it over another application icon to add a folder.

❖Information

- To close the rearrange screen, ⋮▶[Exit], or tap ◀.
- To take out an application icon from a folder, tap the folder▶Touch and hold the application icon▶Drag it to a place you want to locate.
- To rename a folder, tap a folder▶Tap the folder name, or tap [Unnamed Folder]. You can also rename a folder with the same operation in the Application screen.

Application list

Preinstalled applications are as follows. The descriptions when the home app is set to "docomo LIVE UX" are explained here.

- For usage of some applications, separate subscription (Charged) is required.
- For some applications, you can check functions or operation steps from the help.
- Design of application icon or folder where the application is stored may be different depending on the home app.
- Preinstalled applications or layout of applications may differ depending on the initial setting condition etc.

Anshin Security*1

An application which allows you to use the security measurement against virus, unsafe sites or Wi-Fi, nuisance calls, etc.

遠隔サポート (Enkaku support)*1

An application for using "あんしん遠隔サポート (Anshin Enkaku Support)". "あんしん遠隔サポート (Anshin Enkaku Support)" is a service that allows staff of the Call center to support the terminal operations by remote-checking the display of your terminal.→P.242

Osaifu-Keitai*1

An application that allows you to check your Osaifu-Keitai compatible services in a list. You can register recommended services or check balance of each service you have registered or points.→P.150

Camera

Shoot photos or videos.→P.131

Calendar*2

Register and manage your plans and reminders etc.

Disaster kit*1

An application for using Disaster Message Board, Disaster Voice Messaging Service and Early Warning "Area Mail" (P.125).

Schedule*1

An application for creating/managing schedule whose data is shared with Memo application.
→P.165

Sheets*2

Create, edit and share spreadsheets, as well as view, edit and save Excel files.

Slides*2

Create, edit and share slide show presentations, as well as view, edit and save PowerPoint files.

Settings*1

Configure settings for the terminal.→P.171

地図アプリ (Map application)*1
An application which supports your outings totally according to multiple means of transportation as a car, walk, train. To use a part of features such as navigation, subscription to the charged service is separately required.

Data Copy*1
An application that allows you to transfer data when changing model, back up to/restore from a microSD card.→P.168

データ保管BOX (Data Storage BOX)*1
An application for using Data Storage BOX. Data Storage BOX is a service which allows you to upload files to easily manage them in the cloud.

TV*1
You can watch TV.→P.154

Calculator*1
Perform basic arithmetic operations and other various calculations.

Phone
An application which allows you to use call or check call history, or make the various settings.
→P.100

Docs*2
Create, edit and share documents, as well as view, edit and save Word files.

Clock*1
Use alarm, world clock, stopwatch and timer.→P.166

docomo phonebook*1
It is a phonebook application provided by DOCOMO. You can manage phonebook data of your docomo account in the cloud.→P.113

docomo mail
Send/receive mails using DOCOMO mail address (@docomo.ne.jp).
Your d ACCOUNT allows you to use the same email address to send, receive, and view email on several devices, such as tablets and computers.→P.118

Drive*2
View/manage/share files stored in Google Drive.

Instruction Manual*1
Display the terminal instruction manual. You can directly call up functions from the explanation (in Japanese only).
* See "About manuals" in "Introduction".

News*1
Read a collection of the latest news and topics of interest.

爆ドリ (Bakudori)*1
It is a game application that can be played with the terminal.
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Jspeak*1
An application for translating spoken words into the listener's native language. Use Face-to face translation/Phone translation/Image translation/Common phrase to enjoy communication with the other party who speaks different language.

Files*1
You can search data such as still images, videos, music, or downloaded files.→P.211

Photos
You can playback photos or videos. You can back them up to your Google account.→P.146

My Magazine*3
A search service for displaying articles in the category of your choice.→P.83

マクドナルド (McDonald's)*1
An official application of McDonald's. You can search nearby McDonald's with the shop search function, or obtain good value coupons that can be used in the shop or the latest information. You can save or use the points in a single operation if you log in with your d ACCOUNT etc.

Maps*2
Use Google Maps services, such as viewing the current location, finding another location and searching the routes.→P.163

Music*1
Play music.→P.161

Memo*1
An application for creating/managing memos whose data is shared with Schedule application.

Lens*2
Analyze an object for camera shooting (text information, product, etc.) and show related information in real time.

ローソン (LAWSON)*1
An official application from LAWSON. You can display your digital membership card on the phone, search for LAWSON stores, and find money-saving trial coupons.

Amazon Shopping
An official application of Amazon which allows you to conveniently shop with good prices in Amazon online.

Amazon Kindle*1
An e-books reader application for reading books purchased on Amazon.

Call of Duty
It is a game application that can be played with the terminal.

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Chrome
Browse web pages in Chrome.→P.127

Cinema Pro
With the special features for cinema imaging and color representation, you can enjoy professional-like movie shooting.→P.145

d払い(d payment)
An application for use "d払い (d payment)", the payment service provided by DOCOMO. You can do your shopping simply, convenient and with good bargain just by showing a barcode displayed on the application in the target stores.

dphoto*1
A service for backing up photos or videos up to 5GB to cloud free of charge, then accessing the backup data from smartphones, tablets or PCs. Also, there is a service option that creates a photobook using the photos in the cloud or the terminal (To use, separate subscription to the charged service is required).

dポイント (d POINT)
An application that allows you to check, accumulate, and use your d POINT.

dmarket
dmarket provides a variety of services, offering digital content, such as music, videos, and books, and giving you access to a shopping site, travel booking site, and other e-commerce sites.→P.148

dメニュー (dmenu)
An application shortcut for "dmenu". In dmenu, you can easily access sites recommended by docomo, as well as convenient applications.→P.148

dcard
An application for checking usage details of d card, saved d points, entries of good value information easily. Also, you can set up "iD" offered by DOCOMO.

Disney DX
With this application, you can enjoy news or contents from 4 brands; Disney, Pixar, Marvel and STAR WARS.

Duo*2
An application that allows you to make video calls.

Facebook
Facebook allows you to build closer relationships with your friends, family, colleagues, or classmates and to know what is going on in the world.

Game enhancer
It offers various features for improving your gaming experience. Optimizing gaming performance, special settings such as misoperation preventing, etc. make your gaming more fun.

Gmail*2
You can use the email services provided by Google and major Internet service providers.→P.124

Google*2
Search information in the terminal and websites by keywords.→P.76

Google Pay*2
An application for managing electronic money or point cards collectively.

iDアプリ (iD application)*1
An application for using "iD", electronic money offered by DOCOMO. Once you have set up "iD" on your Osaifu-Keitai, you can hover the terminal over an IC card reader at various shops to make your shopping easier and more comfortable.→P.153

Imaging Edge Mobile*1
Allows you to transfer still images or videos from Sony camera, shoot remotely, or add location information to shot images.

LinkedIn*1
An SNS application with a lot of features which supports your business.

my daiz*1
It is 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
You can check your data usage, usage fee, d POINT, etc. or establish various procedures or applications online.

Photo Pro
You can shoot creative still images with professional camera operability and features.→P.143

Play Store
Download or purchase various applications, games, etc. from Google Play.→P.149

Play Movies & TV*2
Rent or purchase movies, etc. from Google Play.

PS App*1
An application that allows you to check the latest information about games in PlayStation®Store or exchange information among game players.

Reader by Sony*1
Purchase e-books at the "Reader Store", Sony's eBooks store.

TikTok
TikTok is a short music video community. You can communicate with others, shoot music video, or post videos.

Video & TV SideView*1
Play videos. In addition, view the TV program guide or use your terminal as a remote for Sony televisions or other devices.

Xperiaガイド (Xperia guide)
Display Xperia使いこなしガイド (Xperia use guide) to read explanation of the functions or check how to use them.

Xperiaカバー (Xperia cover)*1
You can check the product information of dedicated cover or purchase the favorite cover at Xperiaカバーストア (Xperia cover store).

Xperia Lounge Japan*1
An application that provides information about products and campaigns from Sony Mobile Communications, Inc.

YouTube*2
Play YouTube videos.

YT Music*2
You can playback music or music videos with YouTube Music.

+Message
You can 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.118

*1 Stored in the "apps folder" folder.
*2 Stored in the "Google" folder.
*3 Displayed when the home app is set to Xperia Home or Simple Home.

❖Information
- When there is a notification which indicates update of application or pause of setup is displayed in the Notification panel, or there is any application icon which is shown in gray, downloading of the application is not complete. You can download in the following procedures.
  - Connect Wi-Fi (downloading starts automatically)
  - Drag the status bar down▶Open a notification which indicates update of application (P.71)▶Follow the onscreen instructions to configure Wi-Fi, etc.
  - When you download via mobile network, drag down the status bar▶Open the notification which indicates pause of setup (P.71)▶Tap [USE DATA].
  - To download the application via mobile network individually, tap the application icon displayed in gray▶Follow the onscreen instructions.
- Some pre-installed applications can be uninstalled. Even if uninstalled, some applications can be downloaded from "Play Store" (P.149) etc. again.
- Some applications require downloading and installation.
- Activating multiple applications consumes more battery power and decreases the usable hours. For this reason, it is recommended to quit unused applications with Task manager (P.73).

Phone/Phonebook

Making/Receiving a call

Making a call

1 From the Home screen, ▶ .

2 Enter a phone number▶ .

- Tap to delete the number.

3 When the call is finished, .

❖Information

- In Step 2, tap without entering a phone number to enter the phone number registered as the latest call in the call history.
- In Step 2, when a phone number is entered, the menu appears at the top of the screen and you can create a new contact or a message. When a contact matching to the entered phone number appears, tap it to make a call.
- With VoLTE, you can make high-quality voice call. To use VoLTE, both parties must meet the following requirements.
  - Both terminals support VoLTE
  - Within the area where VoLTE is available
  - "Preferred network type" of Mobile network setting (P.221) is set to any of "5G/4G/3G/GSM", "5G/4G", "4G/3G/GSM", and "4G Calling" (P.221) is also set to ON.
- In Japan, always use the terminal with "4G Calling" ON. If it is OFF, you cannot use the voice communication.
- With VoLTE (HD+), you can make voice calls with sound that is much higher quality than with VoLTE. To use VoLTE (HD+), the usage requirements of VoLTE must be met, and both you and the other party must have models which support VoLTE (HD+).

Emergency call

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

❖Note

- This terminal supports "Emergency call location information". If you use the terminal to place a call to 110, 119, or 118, the emergency numbers, the information of a location where you are calling from (location information) is automatically notified to the Emergency call acceptance organization such as the Police Station.
  However, the Emergency call acceptance organization may not be able to figure out your exact location depending on the location where you place a call or radio wave condition.
  When you dial with "184" added or make a call with your caller ID hidden, your location information and phone number are not reported. However, when the Emergency call acceptance organization deems it necessary for lifesaving purposes, etc., they may decide to obtain your phone number and accurate location information from the GPS, regardless of your settings.
  Note that the areas/time for which the "Emergency call location information" is ready to be used vary depending on the preparatory state of each Emergency call acceptance organization.
- When calling 110, 119 or 118 from the terminal, tell that you are calling from a mobile phone, and give your phone number and your current location precisely for checking callback from the Emergency call acceptance organization such as police. Also, make a point to call in a stationary position to prevent the call from being dropped. Do not power off the terminal for at least 10 minutes after the emergency call just in case the Police or Fire/Ambulance may have to get in contact with you.
- Note that you may not connect to the local Fire Department or Police Station depending on where you are calling from.

❖Information

- If docomo nano UIM card is not inserted to the terminal, emergency calls (110, 119, 118) cannot be made in Japan.
- You can make an emergency call by tapping [EMERGENCY] on the screen asking for entry of screen lock unlocking method.
- When you make an emergency call with Call Blocking set to ON, the setting of the Call Blocking is disabled automatically so as to receive calls from the Emergency call acceptance organization.
  To enable Call Blocking, from the Home screen, tap ▶ ⋮ ▶[Settings]▶[Calls]▶[Call Blocking]▶[RE-ENABLE NOW]. The setting of Call Blocking is kept disabled unless the operation is performed.
- Emergency calls may not be available on some networks.

Entering pause (,)/(;) to send

For using services requiring entry of number during a call such as check of the balance of a bank account, reservation of tickets, etc., enter an additional number to a phone number beforehand and make a call.

Using 2-second pause (,)

Added number will automatically be sent approximately 2 seconds after a call is accepted.

1. **From the Home screen, ▶ .**
2. **Enter a phone number▶ ⋮ ▶[Add 2-sec pause]▶Enter an additional number▶ .**
3. **When the call is finished, .**

Using a wait (;)

Sending is automatically on standby when the call is made and a confirmation screen asking if you send the additional number appears.

1. **From the Home screen, ▶ .**
2. **Enter a phone number▶ ⋮ ▶[Add wait]▶Enter an additional number ▶ .**
3. **On the confirmation screen, [YES].**
4. **When the call is finished, .**

Making an international call (WORLD CALL)

WORLD CALL is a service for making international calls, which is available from DOCOMO's mobile phones in Japan.
For details on WORLD CALL, refer to NTT DOCOMO website.

1. **From the Home screen, ▶ .**
2. **Dial + (touch and hold [0])▶Enter Country code, Area code (City code), recipient number in the order▶ .**
3. **When the call is finished, .**

❖Information

- If the area code begins with "0", omit "0". However, "0" may be required to dial to some countries or areas such as Italy.

Receiving a call

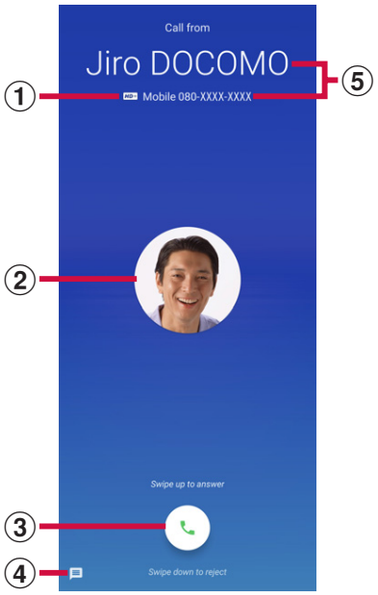
When a phone comes in, the incoming call screen appears.

- If the screen is on (except on the lock screen) or an application is running, the notification appears at the top of the screen (P.104).

1 Swipe (flick) up on the incoming screen.

2 When the call is finished, .

■ Voice call incoming screen



① Sound quality of VoLTE call
- HD+ (super high quality) and HD (high sound quality) are displayed during a call in VoLTE (HD+) and VoLTE (HD), respectively.

② Photo/image set in a contact

③ Call icon
- Swipe (flick) up to answer, or swipe (flick) down to reject a call.

④ Send a message (P.104)

⑤ Name/phone number of the other party

❖Information

- When "Answer" of "Suguden setting" (P.109) is ON, an incoming call can be answered just by holding up the terminal to your ear.
- When "Disconnect (Motion/Voice command)" of "Suguden setting" (P.109) is ON, you can disconnect a call by the motion or voice command during a call.

Answering calls with Answering Machine

Even when Answering Machine is not set, you can activate Answering Machine manually.

1 On the incoming call screen, drag the status bar down▶[Answering Machine].

❖Information

- If there is a recorded message, is displayed in the status bar. Drag the status bar down▶Tap the notification of the Answering Machine to display the Messages screen and you can check the recorded messages.

Muting the ringtone for an incoming call

1 While receiving a call, press the volume key or the power key.

❖Information

- You can stop vibration by pressing the volume key or the power key when silent mode (Vibrate) is set.
- To adjust the volume of ringtone or listening volume, press the volume up/down key with the Home screen, etc. displayed and then tap .

Declining a call

1 On the incoming call screen, swipe (flick) .

Rejecting an incoming call and sending a message

If you are not available to answer a phone, you can decline the call and send a message. Messages for sending are pre-registered, and you can edit them if necessary.

1 On the incoming call screen, swipe (flick) .

2 Tap a message to send.

- Tap [Write new message] to create and send a message.

❖Information

- To edit a message beforehand, from the Home screen, tap ▶ ⋮ ▶[Settings]▶[Calls]▶[Reject call with message]▶Select a message and edit it▶[OK].

Receiving a call when an application is running

If the screen is turned on (except on the lock screen) or an application is running when a call comes in, the notification appears in the upper screen.

1 [ANSWER].

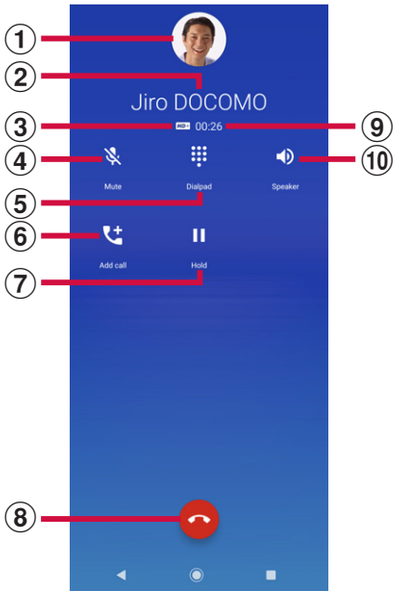
- You can start a voice conversation.
- To decline a call, tap [DECLINE].
- Tap the upper part of displayed notification to open the incoming call screen.

2 When the call is finished, .

Operations during a call

On the Calling screen, you can set voice output or mute, or enter a phone number to make a call to another party.

Screen displayed during a voice call



① Photo/image set in a contact
② Name, phone number, etc. of the other party
③ Sound quality of VoLTE call
- HD+ (super high sound quality) is displayed during calls in VoLTE (HD+), and HD (high sound quality) is displayed during calls in VoLTE (HD).

④ Mute : Set to turn on/off the mouthpiece/ microphone.
⑤ Dial key : Send a push signal while on a call.
⑥ Add call
- Add voice call.

⑦ Hold call: Hold/resume voice call.
⑧ End a call
⑨ Call duration time
⑩ Speaker: Set ON/OFF of speakerphone.
- Other party's voice can be heard from the speaker and handsfree call can be made.
- When the terminal is connected to Bluetooth device etc., tap it to switch audio output.

❖Note

- Do not bring the terminal close to your ear with the speakerphone on to avoid from hearing damage.

❖Information

- To hold/add a call, "Call waiting" subscription is required (P.108).
- The notification icon appears on the status bar while dialing, incoming, calling or holding. Even if you have switched to the other screen such as the Home screen, returning to the calling screen is available by dragging the status bar down and then tap the calling notification.

Adjusting the listening volume

1 During a call, press the volume up or down key.

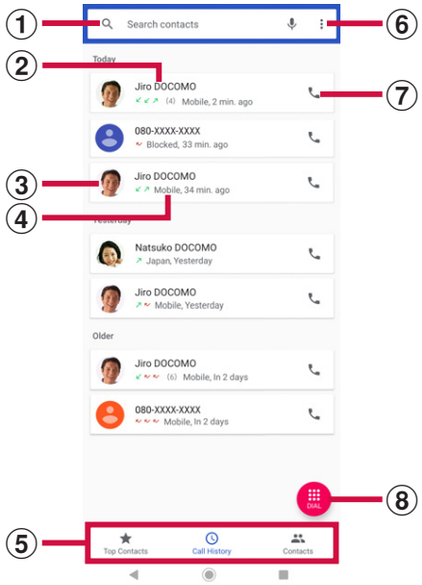
Call history

Incoming calls and outgoing calls are displayed by chronological order in the call history screen.

Displaying the call history

1 From the Home screen, ▶Tap "Call History" tab

■ Call History screen



① Search contacts

② Phone number/name
- Tap to open the menu of "Create new contact", "Add to a contact", "Send a message", "Number blocking", or "Call details".
- Touch and hold to display the menu of "Copy number", "Edit number before call", "Number blocking" and "Delete".

③ An image set to a contact etc.
- Tap to display the profile screen of the Contacts.

④ History
- The call type (outgoing call/incoming call/missed call), number of calls, how long ago, etc. are shown.

⑤ Switching tabs
- You can switch each tab of Top Contacts, Call History, and Contacts.

⑥ Menu

⑦ Make a voice call
- Tap to make a voice call to the corresponding phone number in the call log.

⑧ Display the dialpad

Adding a phone number from the call history to the phonebook

1 From the Home screen, ▶Tap "Call History" tab.

2 Tap a phone number▶[Create new contact]/[Add to a contact].
- Alternatively, touch and hold a phone number▶[Edit number before call]▶[Create new contact]/[Add to a contact].
- When you tap [Add to a contact], select a contact to add.

3 On the profile edit screen, enter necessary information such as name.
- To add items, tap [More fields].

4 **[SAVE].**

Deleting a call history

1 **From the Home screen, ▶Tap "Call History" tab.**

2 **Touch and hold outgoing history/ incoming history▶[Delete].**

❖Information

- To delete all the call history, in the call history screen, tap ⋮ ▶[Call history]▶ ⋮ ▶[Clear call history]▶ [OK].

Displaying missed calls

When you have missed calls, appears in the status bar.

1 **Drag the status bar down.**

2 **[Missed call].**

❖Information

- When there is a missed call, you can make a call or send message to the caller of the missed call from "CALL BACK"/"MESSAGE" below "Missed call" in the Notification panel.
  For multiple missed calls, number of calls appears below "Missed call".
- When a missed call notification appears on the lock screen, double-tap and unlock the screen lock to open the call history.

Answering Machine

When Answering Machine is set, the answering message is played when you cannot answer an incoming call and message from the caller can be recorded even if you are not subscriber of Voice Mail Service.

- Time and number of items that can be recorded to Answering Machine (P.246)

1 **From the Home screen, ▶ ⋮ .**

2 **[Settings]▶[Calls]▶[Answering Machine].**

Answering Machine	Set whether to use Answering Machine.
Pick up after	Set a ringing time for answering.
Use while roaming	Set whether to use Answering Machine when you stay abroad.
Greetings	Switch the answering message language to Japanese or English.
Messages	Check recorded messages.

❖Information

- When a message of Answering Machine, the icon in the list of Messages changes from ▶ to ▶.
- To delete message in the Answering Machine, touch and hold a message in the message list▶[Delete]/ [Delete all]▶[OK].

Checking the Answering Machine message in the status bar

When you have any recorded messages, is displayed in the status bar.

1 Drag the status bar down▶Tap notification from Answering Machine.

- A list of Messages in Answering Machine is displayed.
- To play a message of Answering Machine, tap the message.
- To delete a message in the Answering Machine, touch and hold the message in the message list▶[Delete]▶[OK]. To delete all messages of Answering Machine, touch and hold any message ▶[Delete all]▶[OK].

❖Information

- When a notification of Answering Machine appears on the lock screen, double-tap and unlock the screen lock to open the list of Answering Machine message.

Call settings

You can set the network services, set call rejection, or edit Reject call with message.

1 From the Home screen, ▶ ⋮.

2 [Settings]▶[Calls].

Network service	Voicemail service	Record caller's message when you cannot answer an incoming call.
	Call forwarding service	Forward a call when you cannot answer an incoming call.
	Call Waiting	Put the current call on hold and answering an incoming call or making a call to another party.
	Caller ID notification	Set whether to notify your caller ID when making a call.
	Nuisance call blocking service	Register phone numbers of nuisance call to reject.
	Caller ID display request service	Answer calls without phone numbers with a guidance of caller ID display request.
	Call notification	Notify incoming calls by message while the power is off or you are out of service area.

Network service	English guidance	Switch the voice guidance to English or Japanese.
	Remote operation settings	Set to operate Voice Mail Service or Call forwarding Service using land-line phone, public phone or DOCOMO mobile phone, etc.
	Public mode (power OFF) setting	While the terminal is OFF or in Airplane mode, a guidance message indicating that the receiver cannot answer the call is heard on the caller's terminal and then the call ends.
Roaming settings		Set to reject incoming calls overseas or use roaming guidance (P.224).
Answering Machine		P.107
Call Blocking		Set whether to reject incoming calls from the phone numbers not in the phonebook or without the caller ID, or from a pay phone or unknown numbers. Also, you can reject incoming calls and messages from the registered phone numbers.
Reject call with message		Edit a message to be sent when rejecting an incoming call (P.104).
Suguden setting		P.109
Contact docomo*		Call to General Inquiries etc. of DOCOMO.
Calling accounts		Set Internet phone (SIP) account.

* Not displayed if a docomo nano UIM card is not inserted.

Suguden setting

Make settings for "Suguden" which allows you to operate phone with the motions and the voice command.

1 From the Home screen, ▶ ⋮.

2 [Settings]▶[Calls]▶[Suguden setting].

Answer	Answer calls by placing the terminal to your ear.
Mute (Hold)	Turn off the mouthpiece/microphone of the terminal (Mute) by detaching the terminal from your ear after saying the word including a Mute (Hold) keyword while talking.
Disconnect (Motion/ Voice command)	End a call by motion or voice command. When the "Motion" is ON, a call can be disconnected by placing the terminal horizontally with the screen faced down, or by shaking the terminal twice during a call. When the "Voice command" is ON, calls can be disconnected by saying the disconnect keyword while talking and then detaching your ear from the terminal.

Call	You can make a call to the other party that is registered in advance or recorded to the call history by shaking the terminal once with the Home screen displayed and then placing it to your ear.
Mute, Reject	Mute the incoming ringtone or reject a call 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	Check the other party whom you called many times.
Sending of user information	Set for sending of user information
Disable Suguden during roaming	Turn off Suguden function automatically overseas.

❖Information

- When Suguden features are available, appears on the status bar. Drag the status bar down and tap the notification▶[USE SUGUDEN SETTING] to open Suguden settings.

Notes on using Suguden

- Suguden allows you to operate the phone by the motions of the terminal or the voice commands, but the function does not work properly in the following situations.
  - When using speakerphone
  - When using earphones or a headset
  - When the terminal is connected to a Bluetooth device which has a calling function (Mute (Hold), Disconnect (Voice command), Call (Motion))
  - When making or receiving an additional call during a call
  - While lying down
  - When you perform vigorous exercise such as running, going up and down stairs, etc.
  - When the display is covered with a book type smartphone case etc.
- If the terminal is placed within a bag or pocket while on the incoming call screen, calls may be answered or declined for the rare occasion because that is recognized as motion performance.
- The proximity sensor does not respond well to black objects.
  When answering calls, if you press the earpiece/speaker 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/speaker directly to your ear.

When disconnecting (Motion)/muting or rejecting a call, flipping over the terminal on a black desk, etc. may cause the operation (Disconnect (Motion)/Mute, Reject) to fail. In this case, instead of placing the terminal directly on the surface, flip over the terminal about 1 cm above the desk etc. to operate (Disconnect (Motion)/Mute, Reject).

- When Suguden features are available, the notification icon appears. You can also confirm notification detail from the Notification panel.
- For more information about Suguden functions or notes for usage, refer to the following website.
  https://www.nttdocomo.co.jp/service/suguden/ (in Japanese only)

Functions of Suguden

Disconnect (Motion)

- When the motion is performed, a call will be disconnected even in the following cases.
  - When the other party puts the call on hold
  - When the Answering Machine is running (playing the answering message/recording a message)
- When disconnecting a call with Suguden motion, it may not react (disconnect) if the speed of motion for placing the terminal facing down is fast. In that case, try the motion slowly to react (disconnect).
- When "Disconnect" is ON, a call may be disconnected if you shake the terminal strongly even just once during the call because the action is recognized as motion performance.

Disconnect (Voice command)

- When the disconnect keyword is heard, a call will be disconnected even in the following cases.
  - When the other party puts the call on hold
  - When the Answering Machine is running (playing the answering message/recording a message)

- **Mute (Hold)/Disconnect (Voice command)**
  - While calling with Mute (Hold) or Disconnect (Voice command) ON, other application using the mouthpiece/ microphone or a voice recording application etc. using the voice sound during a call may not be available. To use those application during a call, turn off the both settings of Mute (Hold) and Disconnect (Voice command) and then start calling.
  - When the Answering Machine is running (playing the answering message/ recording a message), Mute (Hold) and Disconnect (Voice command) features are not available. In the case that you answer a call while recording with the Answering Machine, Mute (Hold) and Disconnect (Voice command) features are available.
  - For calls using "Jspeak", Disconnect (Voice command) feature is not available.
  - Although the voice command function of Suguden uses the voice recognition technology or the language processing technology, DOCOMO is not liable for any accuracy of those technologies.
  - The voice recognition may fail when the volume of voice is too small during a call or calling under a noisy environment, or depending on the way of utterance.

- **Dialing**
  A Suguden call can be made from the Home screen or the lock screen (when "Screen lock" (P.197) is set to "None" or "Swipe").

- **Mute, Reject**
  When "Mute, Reject" is set to ON, the feature set in "Mute, Reject" may be performed when you shake the terminal strongly even just once while a call is incoming since the terminal misrecognizes that the motion is performed.

- **Disable Suguden during roaming**
  Suguden is disabled automatically in overseas by default setting. To use Suguden in overseas, turn off the "Disable Suguden during roaming".

Phonebook

In the phonebook, you can enter various information for contacts, for example, phone numbers, mail addresses and various service accounts.

Displaying phonebook

1 From the Home screen, [apps folder]▶[docomo phonebook]

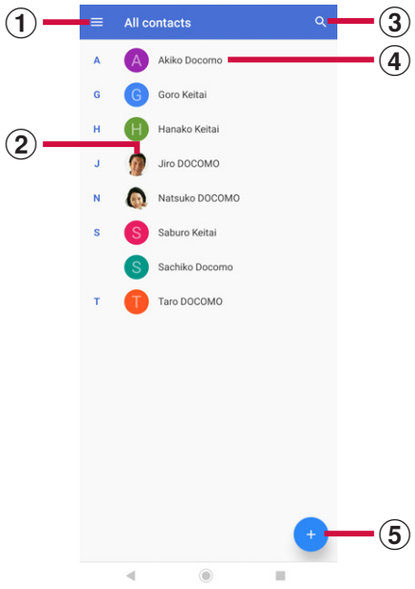
- The Contacts list screen appears.

❖Information

- To use cloud service for the phonebook, "docomo phonebook" application is needed. When you use the "docomo phonebook" for the first time (including after resetting the application) or log in to cloud from the "docomo phonebook", the "Use of Cloud" screen appears and you can start using cloud.
- Cloud service for docomo phonebook is not available when user is switched to the other than the owner.
- Use docomo Data Copy application to back up/restore the phonebook data to/from a microSD card (P.168).

Contacts screen

On the Contacts screen, you can view names of contacts etc. You can set a photo or image to a contact, and display contacts by group.



① Menu
② Photo/image set in a contact
③ Search
④ Name registered in a contact
- Tap to display the profile screen.

⑤ Register

Managing phonebook

Adding a new contact

1 From the Home screen, [apps folder]▶[docomo phonebook]▶ ⊕

- When you have set up Google account etc., select the account to save to.

2 On the profile edit screen, enter necessary information such as name.

- To add items, tap [More fields].

3 [SAVE].

❖Information

- The contacts are listed in alphabetical order of the first names and then order of Japanese syllabary of the phonetic last names. You can check the phonetic last name and first name of Japanese name written by Kana or Kanji in the Edit profile screen after the registration.
- Although Japanese name is displayed in order of the first name - last name in the Edit profile screen, it is displayed in order of the last name - first name in the Contacts screen.

Making a call from the phonebook

1 From the Home screen, [apps folder]▶[docomo phonebook]▶ Select a contact.

2 On the profile screen, tap ☎.

Editing a contact

1 From the Home screen, [apps folder]▶[docomo phonebook]▶ Select a contact to edit.

2 On the profile screen, ✎.

- When you join the contacts, select a contact to edit.

3 Select a required item and edit.

4 [SAVE].

Adding a contact to Top Contacts

1 From the Home screen, [apps folder]▶[docomo phonebook]▶ Select a contact you want to add to Top Contacts.

2 On the profile screen, tap ☆ to change to ★.

❖Information

- Contacts that you registered to Top Contacts are displayed in ★ field in the Contacts screen. Alternatively, tap "Top Contacts" tab in the call history screen etc.

Using menu

1 From the Home screen, [apps folder]▶[docomo phonebook]▶ ≡▶[Settings].

- On the Contacts screen, select a contact▶On the profile screen, tap ⋮ to display the menu of the profile screen.

■ Contacts screen

My info	Display your own profile and you can edit it (P.116).
Cloud menu*	Display cloud menu.
d ACCOUNT setting	Set a d ACCOUNT to use docomo services via Wi-Fi.
International use setting	Set for using docomo phonebook overseas.
Service quality improvement	Set whether to send service quality improvement to DOCOMO. • It turns on when use of the cloud is started.
Accounts	Set an account to be displayed in the Contacts screen.
Default account for new contacts	Set which account a contact is saved to. You can also change the account by tapping [Saving to] when you create a contact.
Contacts to display	Set contacts to display in the Contacts screen.
Sort by	Set the sorting method.
Name format	Set the name format.
Phonetic name	Set display of phonetic name in a contact.
Import	Import contacts (P.117).
Export	Export contacts (P.117).
Specified number rejection	Set call rejection (P.109).

* Signing in to cloud is required.

■ Profile screen

Join/View joined contacts	Join/separate displayed contact.
Delete	Delete a displayed contact.
Share	Send a displayed contact via Bluetooth function, Email, etc.
Create shortcut	Add shortcut of displayed contact to the Home screen.
Set ringtone	Set a ringtone for displayed contact.

Setting label (group) to contacts

1 From the Home screen, [apps folder]▶[docomo phonebook]▶☰

2 [Create label].

- When you have already created labels, select a label and proceed to Step 4.
- When you have set up Google account etc., select an account to create a label (group).

3 Set a name of label (group)▶[OK].

4 ▶Tap a contact to set the label (group).

❖Information

- When the contacts are registered to a label (group), you can send email to the contacts, delete the contacts, rename the label (group), or delete the label (group) by tapping ⋮ in Step 4.

Checking my profile and editing information

1 From the Home screen, [apps folder]▶[docomo phonebook]▶☰▶[Settings]▶[My info].

2 ✎▶Enter required items such as name.

3 [SAVE].

- If you logged in to the cloud, follow the onscreen instructions.

Importing/Exporting/Sharing phonebook entries

Phonebook entries can be imported from a microSD card or docomo nano UIM card, or exported to a microSD card. This is useful, for example, when you want to move the contact information to another phone. Also, sending all phonebook data via Bluetooth function, Email, etc. is available.

- You can also use an online synchronization service to synchronize your contacts (P.202).
- For exporting to/importing from a microSD card, insert a microSD card in advance (P.39).

1 From the Home screen, [apps folder]▶[docomo phonebook]▶ ▶[Settings]▶[Export]/[Import].

2 Select the option for export or import▶Select the item.

- To export after selecting [Share all contacts], confirm the displayed content and drag the status bar down ▶Tap notification from docomo phonebook and then select the application for sending.
- After this step, follow the onscreen instructions.
- To backup to/restore from a microSD card, use docomo Data Copy (P.168).

Mail/Web browser

docomo mail

Send/receive mails using DOCOMO mail address (@docomo.ne.jp).
Data can be easily transferred when changing models or restored when you have lost the terminal since sent and received mails are saved on the docomo mail server.
Also, your d ACCOUNT allows you to use the same email address to send, receive, and view email on several devices, such as tablets and computers.
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, .

- After this step, follow the onscreen instructions.

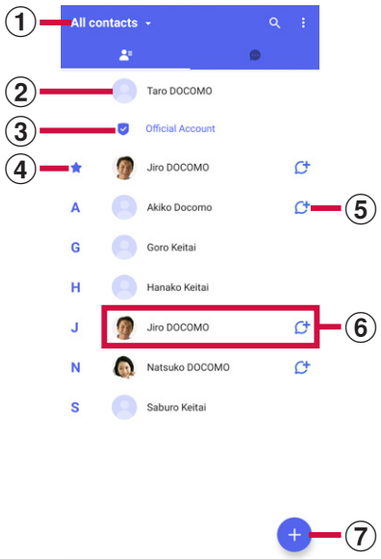
+Message

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 is not a +Message user, you can use the short message service (SMS) instead via "+Message" application to send/receive messages.
In addition, you can exchange messages between you and enterprises using their official accounts.
For details on +Message, from the Home screen, [+Message]▶ ▶[MyPage]▶[How to use]▶[Use guide] to refer to use guide, or refer to the following NTT DOCOMO website.
https://www.nttdocomo.co.jp/service/plus_message/ (in Japanese only)

1 From the Home screen, [+Message].

- In " " tab and " " tab, the contact list and message list are displayed, respectively.

Contact list screen



Message list screen

① Switching tabs
- 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 Official Account
- Tap to display official accounts.

④ Favorite contact
- The contacts set to Favorites are displayed in the upper part of contact list, below "Official Account".

⑤ : It is the icon indicating he/she is a user of +Message.
- You can exchange group messages, photos, stamps, etc. among the contacts with this icon displayed.

⑥ Contacts
- Tap to check detail of contact.

⑦ : Add by QR code/new contact

⑧ 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.

⑨ Message : Open the message screen

⑩ Official Account
- Accounts run by enterprise. The icons are shown in square shape ( ) framed by circle.

⑪ : Display the submenu
- Read all : Change all unread messages to read messages.
- Sort messages : Sort messages.
- MyPage : Open MyPage. In MyPage, editing your profile, setting, using stamp store, etc. are available.

⑫ : Approval mark indicating that it is passed the DOCOMO examination.

⑬ : Create a new message and new group message.

Sending a message

1 From the Home screen, [+Message].

2 ▶ ▶[New message]/[New group message].

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

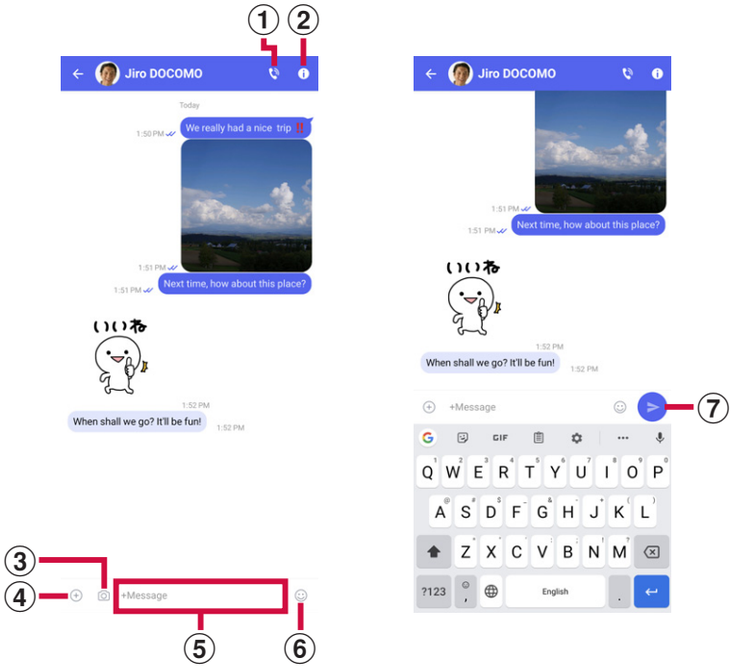
3 Select a recipient.

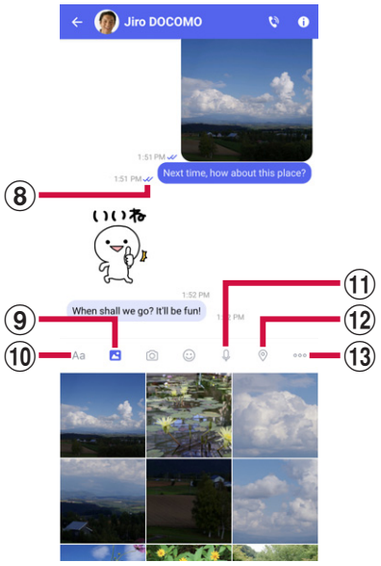
- To send a recipient who is not registered to Contacts, tap [Enter name and phone number] and input a phone number directly.
- For group message, select multiple recipients and then tap [OK].

4 Enter a message in the message field▶ (Send).

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

Message screen





① : Activate "Phone" application and make a call

② : Display the submenu

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

③ : Activate camera

- Touch and hold to shoot a photo and then you can send it consecutively.

④ ⊕ : Display a sharing menu to send photos, stamps, location information, etc.
- While the sharing menu is displayed, you can use functions such as sending images or recording voice.

⑤ Message entry field
- You can enter a message.

⑥ ☺ : Switch to the stamp selection screen

⑦ ➢ : Send an entered message.

⑧ 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) : Message is sent to the sever
- ✕ : Sending message failed

⑨ : Switch to the image selection screen

⑩ Aa : Switch to the text entry screen

⑪ : Switch to the voice recording screen

⑫ : Switch to the map screen

⑬ ooo : Select contacts/Sketch/file sharing

Short Message Service (SMS) information

- You can send/receive text messages to/from customers using overseas network operators. Refer to NTT DOCOMO website for the countries/overseas network operators that provide this service.
- 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.
- You cannot send SMS messages if "#" or " * " is included to a recipient address.
- You cannot send an SMS message with 184/186 prefixed to a recipient phone number.

+Message information

- To use "+Message" application via international roaming, set Enable +Message service while roaming to ON (it is set to OFF by default). Also, Turn on "Data roaming" of the terminal setting.
- Before receiving messages, activate "+Message" application and 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 a message

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

1 **From the Home screen, [+Message].**

2 **▶Select a message thread.**
- Functions used for replying to messages (P.120)

Forwarding a message

1 **From the Home screen, [+Message].**

2 **▶Select a thread.**

3 **Touch and hold a message▶ .**

4 **Select a recipient and enter a message▶ (Send).**

Deleting a message

1 **From the Home screen, [+Message].**

2 **▶Select a thread.**

3 **Touch and hold a message▶ ▶ [Delete].**
- Only messages on the terminal can be deleted. You cannot delete messages on the recipient device. Note that deleted messages cannot be restored.
- may not appear when an image is selected, etc. In that case, ▶[Delete] ▶[Delete]

Deleting a thread

1 **From the Home screen, [+Message].**

2 **▶Touch and hold thread.**

3 **▶[Delete].**
- If you delete a thread of group message, you will be left from the group.

Changing the settings of +Message

1 **From the Home screen, [+Message].**

2 **⋮▶[MyPage]▶[Settings].**

Message	Set for messages, back up/restore, etc.
Official Account	Set the notification sound for official accounts.
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 notifications.
Privacy	Set a passcode, block list, etc.
Others	Set Transfer user information, Initialize +Message service, etc.

Using the Official Account feature

1 **From the Home screen, [+Message].**

2 **▶[Official Account]**

3 **In the Official account store screen, tap the account you want to use.**

4 **Mark "I have read and accepted the Terms and conditions and will use this Official Account".**

5 **[Start].**

Gmail

You can use the email services provided by Google or by general providers.

- Set up your Google account (P.49) or email account by following the onscreen instructions, if you have not already done so.
- When a message indicating that auto-sync is off appears after you set up your Google account, follow the onscreen instructions to set.

❖Information

- For details on Gmail, from the Home screen, tap [Google]▶[Gmail]▶ ≡ ▶[Help & feedback] to see Gmail Help.

Sending Gmail

1 From the Home screen, [Google]▶[Gmail].

2 + (Compose).

3 Enter the email address of recipient.

- When you enter a name or email address in the email address field, contacts matched to the entered numbers or letters are listed.
- Tap ⌄ to add Cc or Bcc recipients.

4 Enter a subject and message.

5 ▷ (Send).

❖Information

- To attach a file, when creating a Gmail, tap ⊘▶[Attach file] and select the file.

Refreshing Gmail

1 From the Home screen, [Google]▶[Gmail].

2 In the Inbox, swipe (flick) the screen down.

- This refreshes the Inbox.

Early Warning "Area Mail"

Area Mail is a service which allows you to receive earthquake early warning or tsunami warning, emergency warning related to weather etc. delivered by the Meteorological Agency, and disaster/evacuation information delivered by the national government or local governments without being influenced by congestion.

- Area Mail is a free service for which subscription is not required.
- Up to 50 messages 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 the power is off
  - During International roaming
  - In Airplane mode
  - When software is being updated
  - While PIN code entry screen is displayed
  - When a SIM other than by DOCOMO is inserted
  - 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 communications.
- Area Mail (earthquake early warning) that could not be received cannot be received later.
  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 notification content 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 Receive Area Mail automatically.

2 The buzzer or the ringtone sounds.

- appears on the status bar.

3 A message of Area Mail appears.

Checking received Area Mail later

1 **From the Home screen, [apps folder]▶[Disaster kit].**

2 **[Early Warning "Area Mail"].**

3 **Select an Area Mail from the Area Mail list.**

Deleting Area Mail

1 **From the Home screen, [apps folder]▶[Disaster kit].**

2 **[Early Warning "Area Mail"].**

3 **Mark Area Mail messages you want to delete▶[Delete]▶[DELETE].**

Setting Early Warning "Area Mail"

Set whether to receive Area Mail, or set operations when receiving Area Mail.

1 **From the Home screen, [apps folder]▶[Disaster kit].**

2 **[Early Warning "Area Mail"].**

3 **⋮▶[Settings].**

Receive setting	Set whether to receive Area Mail.
Emergency alert history	Display a list of received Area Mail.
Vibration	Set vibration of incoming Area Mail.
Alert reminder sound	Set whether to remind of alert after Area Mail is received. 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 of incoming 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.
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.
やさしい日本語表示 (Simple Japanese display)	Set whether to display earthquake early warning, tsunami warning in simple 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.

❖Information

- To set Emergency mode, from the Home screen, tap [apps folder]▶[Disaster kit]▶ SAVE to set Emergency mode (P.59).

Chrome

Use "Chrome" application to view websites like on a PC.
You can use "Chrome" application via packet communication and Wi-Fi network with the terminal.

Viewing websites

1 From the Home screen, tap .

2 Tap the address entry field at the top of the screen.

- When the address entry field is not displayed, swipe (flick) down the screen to display.

3 Enter a website address or keyword to search.

- While appears in the address entry field, tap to enter a search word in voice sound.
- As you enter an address or characters, retrieved website list appears.

4 Select a candidate or tap → on the software keyboard.

- To zoom-in/-out web pages, pinch-out/-in or double-tap the screen.
- To go back to the previous page, tap .

❖Information

- To copy text in a web page, touch and hold a text▶ Drag or to select a range of text▶Tap [Copy].

Adding a new tab

Open multiple tabs and view websites.

1 From the Home screen, ▶ ⋮ ▶ [New tab].

2 View website.

- A number in the icon next to the address entry field indicates the number of tabs that are opened.

Opening incognito tab

You can view websites without recording history and search history.

1 From the Home screen, ▶ ⋮ ▶ [New incognito tab].

2 View website.

❖Information

- Around address entry field is displayed in gray with incognito tab.
- To close an incognito tab, see "Closing a tab" (P.128).
- Websites viewed with the incognito tab are not displayed in History. When the tab is closed, record of Cookie etc. is erased. Downloaded files or bookmarked websites can be saved with the incognito tab.

Changing tabs

1 ②.

- Currently opened tabs are displayed with thumbnails in a list.

2 Tap the tab.

❖Information

- A number in the icon explained in Step 1 varies by the number of tabs that are opened.

Closing a tab

1 ②▶Tap ⊗ of tab you want to close.

- Alternatively, swipe (flick) a tab left or right to close it.

❖Information

- A number in the icon explained in Step 1 varies by the number of tabs that are opened.

Searching text in a web page

1 From the Home screen, ▶ ⋮ ▶ [Find in page].

2 Enter a search word.

- Tap ∧ / ∨ to move the highlight to the next/previous item.

❖Information

- Tap ✕ to close the search bar.

Changing Chrome settings

1 From the Home screen, tap .

2 ⋮ ▶[Settings].

Sign in to Chrome	Sign in to Chrome with your Google account.
Sync and Google services	Make the sync setting or Google services.
Search engine	Set the search engine.
Passwords	Set whether to save the passwords entered to websites.
Payment methods	Set whether to use autofill of payment method, or set a credit card information for using autofill.
Address and more	Set whether to use autofill of information such as an address, or save information such as an address, name, phone number, email address to use autofill.
Notifications	Set notification method for Chrome.
Home page	Set the Home page.
Themes	Set the theme for Chrome.
Privacy	Set the display of suggestions for navigation error or the address entry field, or clear the browsing history data.
Accessibility	Set the font size, zooming, etc.
Site settings	Make settings related to webpage such as Cookie or Java Script.
Languages	Show text of websites in set language. • In some websites, the text may not be shown in the set language.
Lite mode	Set whether to accelerate loading pages by reducing data usage.
Downloads	Set a saving location etc. for downloading.
About Chrome	Check the versions of Chrome etc.

Operating links

Touch and hold a link or an image in a web page to copy the URL or download the image.

❖Information

- In some website, downloading of files etc. may not be available.

Managing bookmarks and history

You can check history, save bookmarks, etc.

Bookmarking a website

1 From the Home screen, ▶ Display a website to bookmark.

2 ⋮ ▶ ☆.

Opening a bookmark

1 From the Home screen, ▶ ⋮ ▶ [Bookmarks].

2 Tap the bookmark you want to open.

❖Information

- You can edit or delete a bookmark, move to folder, etc. by tapping ⋮ in the bookmark list, or touching and holding the bookmark.

Checking history

1 From the Home screen, ▶ ⋮ ▶ [History].

2 Tap a history to check.

❖Information

- To delete history, tap ⊗ of history.
- To delete all history, [Clear browsing data...]▶Select the period to clear the data▶Confirm that "Browsing history" is marked, then tap [Clear data]. If the confirmation screen appears, follow the onscreen instructions.

Camera/Photos

Camera

- All still pictures or videos that you capture on the terminal are stored into the internal storage or a microSD card.
- To save still pictures and videos to a microSD card, insert one and specify it as the destination where you want to save them, before using the camera (P.140).
- When the terminal temperature becomes high, the camera may not activate or may stop.

■ About the Copyright and Portrait rights

Movies, still images, and sounds recorded on the terminal are prohibited by the copyright law from use without consent of the copyright holders, unless intended for personal use or any other purpose permitted by law. Also, using or transformation of other person's portrait or name without his or her permission may violate the portrait right. When you post recorded images etc. on the Internet web pages etc., make sure to be aware of the copyright and portrait right. Note that some performances, shows, and exhibitions may be restricted to record even for personal use. Transmission of images related to copyright or beyond the scope provided in the copyright law is not available.

Shooting/sending images

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

If you cause the public any trouble using the terminal, you may be punished under law or regulations (for example, nuisance prevention ordinance).

Activating the camera

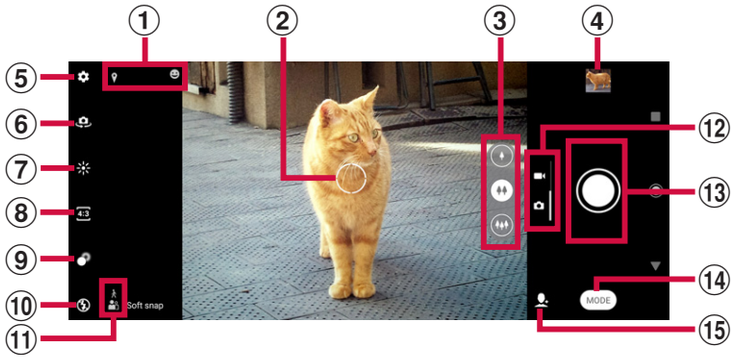
1 From the Home screen, [Camera].

- A shooting screen appears.

❖Information

- You can quickly activate the camera with any one of the following operations.
  - Press and hold the camera key for at least 1 second (P.140)
  - On the lock screen, swipe (flick) 📷
- The camera ends when a certain time has elapsed with no operations on the shooting screen.

Shooting screen



① Display area for status icons
- When the settings such as Smile Shutter (P.138) and Save location (Geo-tagging) are set, the icons are displayed here. Also, when the battery level is low, a red battery icon and the battery level are displayed.

② Auto focus frame
- Appeared when the screen is tapped.
- When you press the camera key halfway, a square frame appears.
- When pupil of people is detected, a focus frame of Pupil AF appears (P.142).

③ Switch to triple-lens/Zoom indicator
- Tap to switch the lens to standard ( )/telescopy ( )/superwide angle ( ). When zooming is operated, the zoom indicator appears and the icon changes to the magnification display.

④ Thumbnail
- Tap to display the play screen of shot photo or the preview screen of video. To return to the shooting screen, swipe (flick) the screen right.

⑤ Menu

⑥ Switch to Front camera

⑦ Adjust brightness/shade of color (P.141)

⑧ Aspect ratio setting (P.141)

⑨ Set bokeh effect (P.141)

⑩ Set Flash

⑪ Scenes/Conditions
- In "PHOTO" mode, the camera determines and detects the scene and displays the icon. Also, the icon appears when the camera is moving ( ), the camera is stabilized ( ), or an object is moving ( ).
- Scene/condition does not appear if you tap of brightness/color tone (P.141) to turn to .

⑫ Switch PHOTO/VIDEO
- Switch capturing mode between "PHOTO" and "VIDEO". Swipe (flick) up or down in landscape view, or right or left in portrait view.

⑬ Shutter (photo)
Start/stop/pause recording (video)
- Depending on setting, an icon of Self-timer or Touch capture icon is displayed.

⑭ Changing the capturing mode (P.133)

⑮ Shortcut of capturing mode
- The icon of recently used capturing mode is displayed. You can switch to the capturing mode immediately by tapping this icon.

❖**Information**

- The display and operations differ depending on the capturing mode etc.
- To adjust magnification in detail, do as follows.
  - Drag the zoom indicator up or down (for portrait view, left or right)
  - Set "Use Volume key as" (P.140) to "Zoom" and operate with the Volume key
  - Pinch-in/-out the screen
- Switch to triple-lens or zoom is not available when shooting with the front camera or depending on the capturing mode.
- By default setting, an auto-focusing frame appears when the shooting screen is tapped in "PHOTO" mode, and focus and brightness will be adjusted at the position where you tapped.
- The scene mode may not be recognized correctly depending on shooting conditions.
- The lens returns to the standard if you switch to triple-lens, switch to the front camera, and then switch to the back camera again.

Capturing mode

Shooting in "PHOTO", "VIDEO" mode

1 From the Home screen, [Camera].

2 Swipe (flick) the screen to display the shooting screen in "PHOTO"/ "VIDEO" mode.

- Shooting method (P.135, P.137)

Changing the capturing mode

You can use the capturing mode such as "Slow motion", "Portrait selfie" other than "PHOTO" and "VIDEO" to shoot various photos or videos.

- For "Photo Pro", see "Using Photo Pro" (P.143).

1 From the Home screen, [Camera].

2 On the shooting screen, [MODE]▶ Select a capturing mode.

- To return to "PHOTO" mode, tap on the shooting screen in each mode.

Main capturing mode and Still image size/Video size

Capturing mode	Still image size/Video size	
PHOTO	Camera : 4:3 (12MP) 16:9 (9MP) 1:1 (9MP)	Front camera : 4:3 (8MP) 16:9 (6MP) 1:1 (6MP)
VIDEO	Video camera : 4K Full HD Full HD (60 fps) 1080 × 1080 (1:1) HD	Front video camera : Full HD 1080 × 1080 (1:1) HD
Slow motion	HD	

❖Information

- For shooting in "Slow motion" mode, sufficient brightness is needed because of its high-shutter speed.
- If you shoot in a place where quantity of light is lacking such as indoors or a dark place in "Slow motion" mode, the shot image may be rough or darkened.
- Switch to triple lens is available only in "PHOTO" and "VIDEO" modes. In "Slow motion" mode, use the zoom operation.
- To save the next shot data to the microSD card, using a microSD card (Speed Class 10 or UHS speed class 1) which supports high-speed writing is recommended.
  - 4K
  - Slow motion
- For details on the features of the camera, refer to the following website.
  https://www.sonymobile.co.jp/myxperia/howtoxperia/camera/ (in Japanese only)

Notes on shooting with Panorama

- The following cases are not suitable for shooting with Panorama.
  - Shooting a moving object
  - Shooting the main object that is too close to the camera
  - Shooting an object with repetition of the same pattern such as a sky, beach, grass, etc.
  - Shooting a big object
  - Shooting an object with constantly changing pattern such as a wave, waterfall, etc.
- Because two or more images are joined together, joints may not be recorded smoothly.
- Images may be blurred or may not be taken in a dark scene.
- Under the flickering light source such as a fluorescent light, you may not be able to shoot properly since brightness or color balance of joined image may be unstable.
- If the brightness, color balance, focus point of whole image, etc. are extremely different between the entire angle view of Panorama shot and the focused angle view, the image may not be shot properly.

Shooting photos

Shooting with the shutter icon

1 From the Home screen, [Camera].

2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.

3 Tap the shutter icon (◯).

- You can shoot continuously (up to 100) while ◯ is kept touching.

Shooting with Touch capture

Set "Touch capture" (P.139) to "On".

1 From the Home screen, [Camera].

2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.

3 Tap the shooting screen.

- You can shoot continuously (up to 100) while the shooting screen is kept touching.

Shooting with the camera key

1 From the Home screen, [Camera].

2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.

3 Press the camera key

- When shooting with auto focus function, press the camera key halfway, and after the green focus frame appears, firmly press the camera key to the rest of the way until it stops.
- When "Burst with camera key" (P.139) is set to ON, you can shoot continuously (up to 100) while the camera key is kept pressing.

Shooting with the volume key

- Set "Use Volume key as" (P.140) to "Shutter" in advance.

1 From the Home screen, [Camera].

2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.

3 Press the volume key.

- While the volume key is kept pressing, you can shoot continuously (up to 100).

Shooting with Hand Shutter

When shooting with the front camera, turn your palm toward the camera to shoot automatically. You can take picture of yourself without operations such as tapping an icon etc.

- Hand Shutter is available for shooting with front camera in "PHOTO" mode. It is not available for "Portrait selfie" mode.
- Setting "Auto capturing" P.138 to "Hand Shutter" is required.

1 From the Home screen, [Camera].

2 Swipe (flick) the screen to display "PHOTO" mode shooting screen.

3 Switch to the front camera and then turn your palm toward the camera.

- When a palm mark appears, a photo is taken.
- Tap to set self-timer.

❖Information

- Continuous shooting is available in "PHOTO" mode. However, in "PHOTO" mode, you may not use continuous shooting in a dark place. Also, the front camera does not support continuous shooting.
- Continuous shot data is saved to the internal storage even if the saving location is set to "SD card".
- When the auto focus frame does not appear, focusing may be failed.
- When a face of object is detected, the camera automatically focus on the pupil and a green frame appears ("Pupil AF" P.142). When "Pupil AF" is canceled, a frame appears at the face position (up to 10 frames). Only a frame for a face which is automatically focused is shown in yellow. You can tap the other frame to change a face to be focused.
- When you connect a commercially available earphone or Bluetooth device, shutter sound may be softer than usual.

Shooting videos

Shooting with the start/stop icon

1 **From the Home screen, [Camera].**

2 **Swipe (flick) the screen to display the shooting screen in "VIDEO" mode.**

3 **Tap the start shooting icon ( ).**

4 **Tap the stop icon ( ).**
- Tap the pause/start shooting icon (/) to pause/resume shooting.

Shooting with Touch capture

Set "Touch capture" (P.139) to "On".

1 **From the Home screen, [Camera].**

2 **Swipe (flick) the screen to display the shooting screen in "VIDEO" mode.**

3 **Tap the shooting screen.**
- Tap the shooting screen again to stop shooting.

Shooting with the camera key

1 **From the Home screen, [Camera].**

2 **Swipe (flick) the screen to display the shooting screen in "VIDEO" mode.**

3 **Press the camera key**
- Press the camera key again to stop shooting.

Shooting with the volume key

- Set "Use Volume key as" (P.140) to "Shutter" in advance.

1 **From the Home screen, [Camera].**

2 **Swipe (flick) the screen to display the shooting screen in "VIDEO" mode.**

3 **Press the volume key.**
- Press the volume key again to stop shooting.

❖Information

- Do not cover the mouthpiece/microphone with fingers etc. when recording videos.
- When you connect a commercially available earphone or Bluetooth device, shooting start/stop sound may be softer than usual.
- When the shutter icon ( ) is displayed while shooting video, tap to shoot photos.
- The shutter sound does not emit when photos are taken while shooting a video (including shooting with"Smile Shutter").

Changing settings when shooting

Changing from the menu

- The displayed icons or operations vary by the capturing mode, camera/front camera, or lens type.
- Some settings cannot be used in combination with one another.

1 From the Home screen, [Camera].

2 ⚙▶Select a setting item.

- For some capturing modes, tap ⋮ on the shooting screen to set.

3 Change the setting.

■ ⓘ

Introduces the features for the camera.
Tap [Help] to display Help of the features for the camera.

■ Self-timer : "PHOTO" mode*1*2

Set the number of seconds for the self-timer.
The shutter icon changes into a timer icon. Tap it to shoot after set period of time (seconds) elapses.
Use the self-timer to take a self-portrait or group photo. You are recommended to use the self-timer for avoiding camera shake.

■ Still image size : "PHOTO" mode

Set still image size. The larger the size of a photo, the larger its file size.

■ Video size : "VIDEO" mode

Set video size. The larger the size of a video, the larger its data size.

- Setting per lens "standard", "telescopy" or "superwide angle" is required.

■ Object tracking : "PHOTO", "VIDEO" mode

Tap your object on the shooting screen, and the camera will keep focusing on the object as it moves.

■ Auto capturing/Auto capturing (video) : "PHOTO", "VIDEO" mode

Set the function of shooting automatically.

Smile Shutter

Shoot at the moment when an object smiled. While video shooting, shoot a photo at the moment when an object smiled.

Hand Shutter : "PHOTO" mode*3

Turn your palm toward the front camera to shoot automatically (P.136).

■ Video stabilization : "VIDEO" mode

Set whether to decrease blur by hand shake when shooting.

File format (4K) : "VIDEO" mode*1

Select the compression format for shooting videos with 4K from "H.264" or "H.265 (HEVC)".

Intelligent wind filter : "VIDEO", "Slow motion" mode

Set whether to reduce noise of the wind blowing against the microphone.

Soft skin effect : "PHOTO" mode

Set whether to shoot applying smooth skin correction.

Lens correction (photo) : "PHOTO" mode*4

Set whether to correct skewness of photos.

Prioritize image quality

Set this feature to prioritize image quality.

Prioritize correction for distortion

Correction has priority over image quality. It is set by default.

QR code reader : "PHOTO" mode*1

Set whether to scan QR codes.

Show photography advice : "PHOTO" mode

Set whether to display advice notifying that your finger hinders the lens, focus is shifting, etc. when shooting photos.

Save location

Set whether to tag photos/videos location information (geotag) for the shooting spot.

- Location information is added when shooting if appeared on the shooting screen.
- appears while acquiring location information. To pictures shot while acquiring location information, geotags are not added.

Touch capture

Set whether to allow the camera to shoot when tapping the shooting screen.
If you set "Only front camera", the Touch capture is available by switching to the front camera.

Grid lines

Set whether to show a gridline on the shooting screen as a guide.

Auto photo preview

Set whether to display a preview right after shooting.
If you set "Only front camera", a preview appears only when you shoot with the front camera.

Burst with camera key*1

Set whether to shoot continuously when shooting photos by pressing the camera key.

Use Volume key as

Select the function from "Zoom", "Volume", or "Shutter" to assign to the Volume key for shooting.

Data storage

Set the saving location for shot photos/ videos.

Launch with camera key

Set the operation for activating the camera by pressing and holding the camera key for at least 1 second.

Launch Camera app

Only launch the camera.

Launch Camera app and capture

Launch the camera and shoot a still image.

Launch Photography Pro

Launch "Photo Pro".

Reset settings

Reset the camera settings. It resets the settings for "PHOTO" and "VIDEO" modes (except "Intelligent wind filter" setting).

Preview : "Creative effect" mode

Set whether to display the preview screen or the edit screen immediately after shooting.

*1 Only available for shooting with the back camera
*2 Only available for standard lens.
*3 Only available for shooting with the front camera
*4 Only available for superwide angle lens.

Changing settings using icons

Tap the icon displayed on the shooting screen to change the setting.

- The displayed icons or operations vary by the capturing mode, camera/front camera, or lens type.
- Some settings cannot be used in combination with one another.

Brightness/shade of color : "PHOTO", "VIDEO", "Slow motion" mode

Tap ☀ to adjust brightness and shade of color. To make adjustments, drag the marker on the bar that appears on the shooting screen.

Tap ☀ or ✕ to hide the adjusting bar and reset the setting.

- When the brightness adjusting bar appears when tapping the shooting screen in "PHOTO" mode, consecutively tap ❮ (for portrait view, ❯) to display the color shade adjusting bar.

HDR : "VIDEO" mode

Set whether to shoot photos having natural impression in a state closer to that seen with the eye even when there is contrast in brightness.

HDR On

HDR Off

- To play back as a HDR video with the other device etc., a compatible device and service are required.

Aspect ratio : "PHOTO", "Portrait selfie" mode

Set aspect ratio of photo to shoot. Still image size varies by the setting.

4:3 4:3

16:9 16:9

1:1 1:1

Bokeh : "PHOTO" mode

Shoot photos with bokeh effect.

▶Drag the marker to set.

Self-timer : "PHOTO", "Portrait selfie" mode

Set the number of seconds for the self-timer.

The shutter icon changes into a timer icon. Tap it to shoot after set period of time (seconds) elapses.

Use the self-timer to take a self-portrait or group photo. You are recommended to use the self-timer for avoiding camera shake.

10 sec.

3 sec.

Off

Flash : "PHOTO" mode

Auto

Fill flash

Red-eye reduction

Off

Flashlight

Flashlight : "VIDEO", "Slow motion" mode

Set whether to use flash when shooting video in a backlight or dark scene.

On

Off

Pupil AF : "PHOTO" mode

When a face of object is detected, the camera automatically focuses on the pupil and a green focus frame appears. Tap to change pupil to be focused. Tap anywhere other than face to cancel Pupil AF and display the auto focus frame.

AF is displayed on the screen while Pupil AF is activated. When you tap it to turn to AF, the pupil AF is canceled and the focus changes to a face position.

Portrait selfie advanced setting : "Portrait selfie" mode

Set Slender face, Bokeh, etc.

Mirror

Set whether to save mirror image.

On

Off

Touch capture

Set whether to use touch capture.

On

Off

Slender face

To set profile correction etc., tap the icon▶

Tap the bar, or drag the marker.

Eye enlargement

Skin brightness

Soft skin

Bokeh

Switch of effect : "Creative effect" mode

Tap to switch a type of effect. You can make various settings according to the type of effect.

Using Photo Pro

It provides with professional camera operatbility and features so that you can shoot more creative photos.

* Available by system update.

Activating Photo Pro

1 From the Home screen, [Photo Pro].

■ Photo Pro screen

① Data storage/image size/file format*
- Storage of shot photos (Internal storage ( )/SD card ( )), available memory of storage, image size, and file format* are displayed.
- In AUTO mode, the scene/condition icon also appears.

② Mode
- Switch modes (AUTO (Auto)/P (Program auto)/S (Shutter speed priority)/M (Manual exposure)).

③ MENU
- Display the setting menu.
  Change the image size, switch ON/OFF of Soft skin effect or On/Off of Face detection/Eye AF settings, or set each function etc.
  The items that can be set vary depending on mode.

④ DISP
- Show or hide the data storage, image size/level vial/histogram.

⑤ Lens
- Switch lens (16 mm/24 mm/70 mm).
- Tap to adjust the zoom. Or, use the volume key or pinch-out/-in to adjust the zoom.

⑥ Thumbnail
- Shot photo is displayed.
- Tap to return to the Photo Pro screen.
- Shot photos can also be viewed in "Photos" application.

⑦ Setting values
- Shutter speed/aperture/exposure/ISO are displayed. and are displayed when focusing on an object and during AE lock, respectively.

⑧ Battery level

⑨ Dial
- Correct exposure in P mode, or adjust the shutter speed in S/M mode.

⑩ AF-ON
- Lock the focus at the point when tapped. It is displayed in orange color while it is locked. To release the lock of focus, tap it again.

⑪ AEL
- Lock the exposure at the point when tapped. It is displayed in orange color while it is locked. To release the lock of exposure, tap it again.

⑫ Setting item area

- Set Drive mode (), Focus mode (AF-C), Focus area (), EV (), ISO (ISO), Metering mode (), Flash mode (), White balance (AWB), Face detection/Eye AF settings (AF ON), or File format (JPEG) *.
- Appearance of displayed icon varies depending on setting.
- The settings for some items are restricted depending on mode or lens setting.

⑬ Lock

- Lock the items on the left part of the screen and the setting item area to avoid unintended change of the settings when you hold the terminal.

* Not available as of May, 2020. It is planned to be available sequentially by software update.

Shooting with Photo Pro

1 From the Home screen, [Photo Pro].

2 Select the mode.

3 Change the settings according to an object.

4 Half press the camera key to focus on the object.

5 Press down the camera key.

- A photo is saved.

❖Information

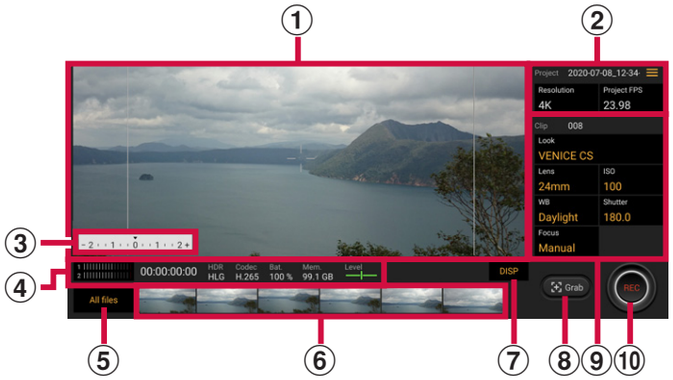
- There is no shutter button on the display for Photo Pro. Use the camera key to shoot photos.

Using Cinema Pro

Using Cinema Pro

1 From the Home screen, [Cinema Pro].

■ Cinema Pro screen



① Viewfinder

② Project setting
- Parameters in the project setting affect an atmosphere of images for whole project including clips in the project.
- Once you shoot a clip as a new project, change of the project setting is not available. Shot clips are saved to the project.
- Tap ☰▶[Open project]▶[New project] to create a new project.
- Tap ☰▶[Frame lines] to set whether to display guide line on 21:9 viewfinder.

③ Metered manual
- Check exposure information.

④ Status

⑤ All files
- Display all clips/still images in the ongoing project.
- Tap ← to open a list of projects.
- Tap ◀ to return to the Cinema Pro screen.

⑥ Clip/still image in project
- Tap to play a clip/still image shot in the ongoing project.
- Tap 🎬 while playing clip to trim the footage or save still images ([Photo Capture]▶[Grab]).

⑦ DISP
- You can show/hide Frame lines, Metered manual, etc. displayed on the finder.

⑧ Grab
- Shoot a still image before shooting a clip.

⑨ Clip setting
- Set parameter for each clip.

⑩ REC
- Start/end shooting a clip.

❖Information

- You can adjust the parameters whose characters are displayed in orange color. Tap it and select the setting or value.

Combining clips and creating a film

1 **In the Cinema Pro screen, [All files].**
- Clips/still images shot in the ongoing project are displayed.

2 **⋮▶[Create final film].**

3 **Tap the clip in the order of combination▶[CREATE].**

Playing back a created film

1 **From the Home screen, [Photos].**

2 **Tap a created film.**

Photos

View, playback, or manage photos or videos.

Displaying photos or videos

1 **From the Home screen, [Photos].**

2 **Tap the image or video.**
- The photo or video is played.
- Touch and hold a file in the file list screen to display the menu such as Share or Delete. You can also select multiple files by tapping the other file successively.

❖Information

- For details on "Photos" application, from the Home screen, tap [Photos]▶≡▶[Help & feedback] to see Support.

Deleting files (photo, video)

1 **From the Home screen, [Photos].**

2 **Touch and hold a file to delete.**

- You can also select multiple files by touching and holding a file and then tapping the other file successively.

3 **⋮ ▶[Delete from device].**

- [Delete] is displayed after you tap ⋮, tap [Delete].

4 **[Delete from device].**

Apps

dメニュー (dmenu)

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

1 From the Home screen, [dメニュー (dmenu)].

- Browser is activated, "dメニュー (dmenu)" appears.

❖Information

- To use dmenu, make sure that the terminal is connected to the network (P.69).
- For connecting dmenu and downloading applications introduced in dmenu, packet communication charge is applied separately. Some applications automatically perform packet communications.
- Paid applications are included to the applications introduced in dmenu.

dmarket

dmarket provides a variety of services, offering digital content, such as music, videos, and books, and giving you access to a shopping site, travel booking site, and other sites.

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

Use Google Play to install useful applications or fun games to the terminal.

- To use Google Play, you need to set up a Google account (P.49).
- For details on purchasing applications, returning your purchases, or requesting a refund, see Google Play Help.
- Once you accept the installation of an application, you will be held responsible for its use. Be careful especially about applications which access many functions or large amount of data.
- Make sure the security of application, then install it 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 application which you installed and provided by a third party including Google LLC.
- For the application which you installed from Play Store and provided by the third party including Google LLC, contact each provider.

Installing an application

1 From the Home screen, [Play Store].

2 Search applications▶Tap an application to install.

- Check the displayed contents carefully and follow the onscreen instructions.

❖Information

- Some applications automatically perform packet communications. Packet communication is kept active unless you disconnect it or the time-out error occurs. To disconnect packet communication manually, from the Home screen, tap [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network]▶ of "Mobile data"▶[OK].
- Some applications may be updated automatically.

Uninstalling an application

1 From the Home screen, [Play Store].

2 ≡▶[My apps & games]▶"Installed" tab.

3 Tap the applications to uninstall▶[Uninstall]▶[OK].

- To uninstall a charged application, follow the onscreen instructions. For details, see Google Play Help.

Osaifu-Keitai

This function allows you to use "おサイフケータイ対応サービス (Osaifu-Keitai compatible service)" by which you can pay money or use as a point card.
You can save electronic money and points to an IC card of the terminal and a docomo nano UIM card to check the balance or points on the screen.
Also, you can prevent from being used without asking in case of theft or loss by locking Osaifu-Keitai function.
For details on Osaifu-Keitai, see NTT DOCOMO website.

- Make settings from the dedicated website or application to use Osaifu-Keitai compatible services.
- The data in the IC card*1 or the docomo nano UIM card*2 may be lost or altered because of the malfunction of the terminal (when we repair your terminal etc., as we cannot keep it with data remained, you are required to erase the data by yourself). For support such as reissuance, restoration, temporary preservation or transfer of data, contact each Osaifu-Keitai compatible service provider you are using. To keep your important data, be sure to use Osaifu-Keitai compatible services with backup services.
- Even when you keep using the same docomo nano UIM card after the model change, you need to install and configure the application provided by the Osaifu-Keitai compatible service provider to use the corresponding Osaifu-Keitai compatible service if they use the data on the docomo nano UIM card.
- If the data in the IC card or the 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 assumes no responsibility for the loss of data.
- If the terminal is stolen or lost, immediately contact DOCOMO and the Osaifu-Keitai compatible service provider to inquire about suspension of use etc.
- NFC/Osaifu-Keitai function is not available when the terminal is turned off while charging. To use it while charging, turn on the terminal.

*1 Data saved in the IC card installed in the Osaifu-Keitai compatible terminal
*2 Data stored on a docomo nano UIM card

Notes on hovering over the device

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

- Bring mark close to the device slowly without hitting it strongly.
- Hover mark over the center of the device in parallel. If scanning fails even with it hovered over the center of the scanner, slightly lift up the terminal, or move it backwards/forwards or to the left/right.
- If there is any metal object between mark and the other device, scanning may fail. Putting the terminal into a case or cover may affect communication. In that case, remove the case or cover.

Enabling the NFC/Osaifu-Keitai function

1 **From the Home screen, [apps folder]▶[Settings]▶[Device connection]▶[Connection preferences].**

2 **Tap of "NFC/Osaifu-Keitai".**

- The NFC/Osaifu-Keitai function is enabled. When the NFC/Osaifu-Keitai function is enabled, all of the Osaifu-Keitai compatible services are available.

❖Information

- While the camera is activated, the Reader/Writer function and P2P function are not available.

Using "Osaifu-Keitai compatible service"

To use the Osaifu-Keitai compatible service, set services in the Osaifu-Keitai application.

- Enable NFC/Osaifu-Keitai function in advance (P.151).

1 From the Home screen, [apps folder]▶[Osaifu-Keitai].

- If the initial settings are not complete, the initial setting screen appears. Follow the onscreen instructions.

2 Select a service.

3 Set the service.

- Set it from the service application or the website.

4 Hold mark of the terminal over an IC card reader.

❖Information

- You can use the service by hovering over an IC card reader without activating Osaifu-Keitai compatible application.
- These services are available even when the terminal is off. However, they may not be available if the terminal has been off for a long time, the battery is too low, or while certain period of time after the powering on the terminal.
- Packet communication charge may incur because the Osaifu-Keitai compatible application performs communication which is necessary for providing the Osaifu-Keitai service in the background regardless of "STAMINA mode" (P.187) or the setting of "Data Saver" (P.177).
- After the power of the terminal is turned on, the terminal is restarted, or the software is updated, unlock the screen lock and then hover over the reader to use the Osaifu-Keitai compatible service.
- Note that when you do not subscribe to sp-mode, some functions of Osaifu-Keitai compatible service may not be available.

Locking the Osaifu-Keitai function

You can restrict the use of Osaifu-Keitai function and related services by locking Osaifu-Keitai.

Setting "NFC/Osaifu-Keitai lock ON/OFF"

Restrict the function used by hovering the terminal in sleep mode.

- If you set "Screen lock" (P.197) or "Fingerprint Manager" (P.200), cancel it and then use the function.

1 From the Home screen, [apps folder]▶[Settings]▶[Device connection]▶[Connection preferences].

2 **Tap ◯ of "NFC/Osaifu-Keitai lock ON/OFF".**

Setting "Osaifu-Keitai lock (UIM card)"

Lock Osaifu-Keitai function in docomo nano UIM card.

1 **From the Home screen, [apps folder]▶[Settings]▶[Security]▶[Advanced].**

2 **[Osaifu-Keitai lock (UIM card)]▶ ◯.**

3 **Enter any password▶[OK].**

- The password is required for canceling the lock. Take notes etc. to avoid forgetting it.

❖Information

- Note that you cannot cancel "Osaifu-Keitai lock (UIM card)" if the battery runs out while "Osaifu-Keitai lock (UIM card)" is set. Be careful about remaining battery level. For canceling "Osaifu-Keitai lock (UIM card)", charge the terminal before canceling.
- "Osaifu-Keitai lock (UIM card)" password is not be deleted even if you reset the terminal.
- For unlocking "Osaifu-Keitai lock (UIM card)", use the docomo nano UIM card which had been inserted to the terminal when "Osaifu-Keitai lock (UIM card)" was set.

■ NFC

NFC is an abbreviation for Near Field Communication and a short range wireless communication method of international standard defined by ISO (International Organization for Standardization). You can use a contactless IC card function, Reader/Writer function, P2P function, and others.

iDアプリ (iD application)

"iD" refers to electronic money offered by DOCOMO. Once you have set up "iD" on your Osaifu-Keitai, you can make shopping easier and more comfortable just hovering the terminal over an IC card reader at various shops. Card information for more than two cards can be registered and you can choose them depending on privilege, etc.

- To use iD with your Osaifu-Keitai, you need to set up the iD application.
- The charges required for iD service (including the annual charge) vary by card issuer.
- Setting up the iD application 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)

TV

TV is an application with which you can switch between Full seg and 1seg and watch them according to the airwave reception. In addition, since the data broadcasting can be received with images and sounds, interactive service using communication function of mobile devices and receiving detailed information are available.
With Full seg, you can watch a terrestrial digital TV broadcasting service in high-vision quality.
With 1seg, you can watch a terrestrial digital TV broadcasting service for mobile devices.
For details on "Full seg/1seg" service, see the following website.
The Association for Promotion of Advanced Broadcasting Services
https://www.apab.or.jp/en

Using Full seg/1seg

Full seg and 1seg are services provided by TV broadcasting enterprises (stations) etc. A communication fee for receiving images and sounds is not required. Contact NHK for details on your NHK viewing fees.
There are 2 types of information displayed in the data broadcasting area: "Data broadcasting" and "Data broadcasting site".
"Data broadcasting" is displayed using airwaves along with images and sounds; while "Data broadcasting site" is displayed by connecting to a site provided by TV broadcasting enterprises (stations) etc., using information of data broadcasting.
For viewing "Data broadcasting site" etc., packet communication fees are charged.
Some sites require information fees.

Airwaves

Full seg/1seg is a broadcast service and a different type of radio waves (airwaves) from that of 5G service or LTE service is received.
Therefore, regardless of whether you are in or out of 5G service or LTE service area, it cannot be received where the airwaves do not reach or during broadcasting interruptions.
Also, even in the terrestrial digital TV broadcasting service area, reception condition may be poor or reception may be unavailable in the following places:

- A place far from the tower that the airwaves are sent from
- Mountain-ringed regions or a place between buildings where airwaves are interrupted by geography or buildings
- Tunnel, underground or far back from a building where airwaves are weak or do not reach

Changing the direction of the TV antenna cable or moving to another location may improve signal reception.

TV antenna cable

To watch TV with the terminal, use the supplied TV Antenna cable SO02.

1 Connect the connecting plug of TV Antenna cable SO02 to the headset jack of the terminal.

❖Information

- To output audio sound of the TV from a commercially available earphone or headphone, connect it to the supplied TV Antenna cable SO02. When connecting an earphone or headphone, insert the plug straight and firmly into the end of headset jack of TV Antenna cable SO02.

Watching TV

1 From the Home screen, [apps folder]▶[TV].

- When using for the first time, make channel settings according to the onscreen instructions (P.159).

■ TV watching screen

TV watching screen (Full seg, Full screen)

TV watching screen (Full seg, with Data broadcasting)

① Broadcasting service in watching (Full seg/1seg)
② Switch Full seg/1seg
③ Show/hide Data broadcasting
④ Show/hide remote controller
⑤ Menu
⑥ Image
⑦ Subtitles
⑧ Channel, broadcasting station and program information
⑨ Reception signal level
⑩ Start shooting
⑪ Channel selection key
- Touch and hold < / > to search available channels.
- Tap ☰ to to display the channel list.

⑫ Data broadcasting
- On the 1seg watching screen, data broadcasting can be viewed only in the portrait screen.

⑬ Data broadcasting remote control

❖Information

- In portrait screen in Full seg, you can see a remote control for data broadcasts, and you can display a channel list and program information.
- To switch between the data broadcasting full-screen view and TV screen, in portrait screen of 1seg, touch and hold the data broadcasting area▶[Broadcast data full-screen]/[TV display].
- To show/hide icon such as menu, on the TV watching screen, tap an image.
- While watching TV, press the upper part or lower part of the volume key to adjust the audio volume.
- When "Auto-rotate screen" (P.58) is ON, you can watch TV with the terminal in portrait/landscape view.
- To switch channels for watching, operate any of the following.
  - Tap the channel selection key.
  - Swipe (flick) the image on the TV watching screen left or right.
  - Touch and hold an image on the TV watching screen▶Select a channel from the displayed channel list.

- It may take a time to acquire image data or broadcasting data when you activate TV or change channels due to characteristic of digital broadcasting.
- According to the airwaves condition, image or sound may be interrupted or stopped.
- Answering an incoming call while watching TV temporarily pauses the program. The program resumes automatically after the call ends.
- To watch data broadcasting, call charge or packet communication charge is not required. If you use additional services of data broadcasting etc. via packet communication, packet communication charge is applied.

Exiting TV

1 On the TV watching screen, tap ◁.

❖Information

- You cannot exit TV even if you tap ◯ to return to the Home screen. If TV remains activated, the battery may be consumed quickly.
- When the key icon is not displayed in landscape view, slide the edge of the screen to display it.

Setting TV

You can set TV watching screen, data broadcasting and channel.

Using menu

Reserve recording/viewing TV program or make each setting.

1 From the Home screen, [apps folder]▶[TV].

2 ▤.

- Alternatively, slide the left end of the TV watching screen right to display the menu.

Program guide	Display the program guide.
Program detail info	Display detailed information of the program currently watched. • Tap ⋮▶[Recording reservation] to display a screen of recording reservation.

Program information	Display program information of the channel currently watched. • Select a TV program to show the detail information. • Select a program▶Tap ⋮ on the program detail info screen to reserve viewing/recording of TV programs.
Recorded program list	Display recorded program list (P.160).
Reserve Recording/ Viewing	Reserve programs to record/ view, or display the failed reservation list (P.160).
TV link	Display TV link list. For some data broadcasting programs, TV links are displayed, and by registering, you can connect to related websites.*
Change area	Register or change broadcasting area (P.159).

Settings	Superimpose setting	Set whether to display superimpose for Full seg or select a superimpose language.
	Data Broadcasting settings	Set whether to use the location information or the terminal information, clear the broadcasting station memory, or postal code.
	Auto Exit Timer	Make a timer setting to end TV watching.
	Device ID of receiver	Display device ID of receiver.
	Notes	Display information before use.
Subtitles		Set ON/OFF of subtitles.
Subtitle language		Set subtitle language while watching TV program with subtitles in multiple languages.
Audio language		Select language of sound multiplex broadcasting in Full seg watching.
Sound output		Set the audio type for broadcasting programs with second sound channels.
Subtitle position		Set the subtitle position in landscape view in 1seg.

* Some TV links have period of validity.

Saving channels in the current location

Available channels vary depending on the area (broadcasting service area) you are using in.

1 **From the Home screen, [apps folder]▶[TV].**

2 **▤▶[Change area].**

3 **Touch and hold an unregistered item.**

4 **[Area info setting]▶Select region, prefecture and locality.**

5 **[OK].**

❖Information

- By touching and holding the area registered in Step 3, you can display the details of the area, set area information, refresh channels, rename area, and deleting settings.

Changing TV remote control number

Change TV remote control number assigned to each broadcasting station. Each broadcasting station can be called up via the corresponding TV remote control number.

1 **From the Home screen, [apps folder]▶[TV].**

2 **Touch and hold an image.**

3 **Tap the broadcasting station to change the remote control number▶Touch and hold the image.**

4 **Touch and hold the number of remote control to set to.**

5 **[YES].**
- If you select a number of remote control which is already assigned to another broadcasting station, [Overwrite registered channel]▶Tap [YES].

❖Information

- To delete a set broadcasting station, touch and hold a broadcasting station in Step 3▶[Delete channel]▶Tap [YES].

Recording TV

Record images, sound, captions or data broadcasting while displaying.

- Data broadcasts can be recorded only in 1seg mode.

1 From the Home screen, [apps folder]▶[TV].

2 Tap ● to start recording.

3 □▶[Stop recording]/[Stop recording as end of program].

- To end the recording when the program ends, tap [Stop recording as end of program].

❖Information

- Continuous watching time (P.246)
- Recorded data is saved on a microSD card. Recording is not available if a microSD card is not attached.
- When you use the microSD card from another application while recording, recording may fail.

Playing a recorded program

1 From the Home screen, [apps folder]▶[TV].

2 ▶[Recorded program list].

3 Tap a program to play.

❖Information

- To delete a recorded program, touch and hold the program in Step 3▶ ▶Tap [YES].
- To change the title of program, touch and hold the program in Step 3▶ ▶Enter a title▶Tap [OK].
- Tap in Step 3 to set the playback mode and see and sort the amount of available memory.

Reserving recording/viewing of TV programs

You can reserve recording or viewing of TV programs.

1 From the Home screen, [apps folder]▶[TV].

2 ▶[Reserve Recording/Viewing]

3 ▶[New reservation]

4 [Viewing reservation]/[Recording reservation]

5 Set Title, TV station, Start time, End time, etc.▶[SAVE]▶[YES]

Music

Use Music to play back music stored in the internal storage or a microSD card.

- File formats of playable data (P.247)

Playing music data

Do not unmount a microSD card (disable reading/writing) (P.195) while playing music.

1 From the Home screen, [apps folder]▶[Music].

2 ≡▶Select the category▶Select a song.

❖Information

- Tap ◉ to return to the Home screen with a song played in background. From the Home screen, [apps folder]▶[Music] to display the Music screen. Also, drag the status bar down and tap the name of song that is currently played to open the playback screen.
- High-resolution audio sound can be played in high resolution audio by connecting to high-resolution audio compatible devices.
- To scale up compressed music data with high degree of accuracy and play, in the Music Home, tap ≡▶[Settings]▶[Audio settings]▶ "DSEE Ultimate". It can be reproduced only when a high-resolution audio compatible headphone is connected to the headphone jack.
- When is displayed at the upper right of screen, music can be played with Google Cast devices. Tap and then follow the onscreen instructions to connect. To play music data on a Google Cast device, connect the terminal to the same Wi-Fi network as the one the Google Cast device connected in advance (P.172).

Sharing music

Send music data via Bluetooth or mail attachment.

1 On the music list▶Touch and hold a song to send▶[Share].

2 Select the application.

- After this step, operations vary by selected application.

❖Information

- For some DRM protected contents or transfer applications, sharing may be limited.

Location services

Your current location can be positioned using GPS, Wi-Fi, or mobile network.

GPS function

The terminal has a GPS receiver that uses satellite signals to calculate your location. Some GPS features use the Internet. Data rates and charges may apply.
When you use GPS function to find your location, make sure you have a clear view of the sky. If GPS does not find your location after several minutes, move to another location. To help the search, stand still and do not cover the GPS antenna section (P.35). The first time you use the GPS, it may take a few minutes to find your location.

- Use the GPS system with great care. 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 device for an aircraft, vehicle, and person. Note that DOCOMO shall have no liabilities whatsoever even if you suffer damage or loss while performing a navigation using the 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.
- Global Positioning System (GPS) is created and managed by U.S. Department of Defense. And the department is in charge of controlling the accuracy and maintenance of the system. Therefore, some changes made by U.S. Department of Defense might affect accuracy or functions of GPS system.
- Some wireless communication products (mobile phone, data detectors and some others) block satellite signals and also causes instability of signal reception.
- Some map displays based on location information (latitude/longitude information) may be not accurate due to some countries' or regions' regulations.

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

❖Note

- If you cannot use a part of or entire GPS function, check that the use of Internet is included in your subscription and Wi-Fi (P.172) and Mobile data (P.175) is enabled.
- NTT DOCOMO is not liable for navigation services or for the accuracy of location services.

Activating GPS/Location services

You can position your current location using GPS, Wi-Fi, and information sent from mobile network base stations.

1 From the Home screen, [apps folder]▶[Settings]▶[Location].

2 ◯ of "Use location".

3 Read the notes on location information and tap [AGREE].

❖Information

- Your location information is sent to Google without specifying who you are. Your location information may be sent even when the application is not running.

Using Google Maps

The Google Maps application allows you to view your current location, find other locations and search routes.

- To use Google Maps, make sure that the terminal is connected to the network (P.69).
- Google Maps does not cover the whole world.

Finding the current location on the map

You can detect your current location using location information service.

- To detect current location, enable "Use location" (P.163) beforehand.

1 From the Home screen, [Google] ▶[Maps].

Current location is shown by blue mark.

- To show the current location when it is not shown, tap .
- If you tap , the icon changes to , and then the terminal's geomagnetic compass links the direction displayed on the map.
- To zoom in/out the map, pinch out/in on the map screen, or double-tap/tap the screen with two fingers.
- If the confirmation screen etc. appears, follow the onscreen instructions.

Viewing Street view

1 From the Home screen, [Google] ▶[Maps].

2 Touch and hold a point to show in the street view.

3 Tap a photo displayed at the lower left of screen.

Searching for a location

1 From the Home screen, [Google] ▶[Maps].

2 Fill out the search bar.

3 Tap on the software keyboard.

- When candidates are appeared, tap a target destination.

Displaying information

Display information such as traffic condition on the map.

1 From the Home screen, [Google] ▶[Maps].

2 ≡ or ▶Select the information to display.

Navigating

You can receive detailed guides for your destination.

1 From the Home screen, [Google] ▶[Maps].

2 [GO]▶Select a transportation.

3 Enter a starting point in the upper entry field▶Enter your destination in the lower entry field.

- After this step, follow the onscreen instructions.

Schedule

Displaying schedule

1 From the Home screen, [apps folder]▶[Schedule].

2 ▶[Monthly]/[Week]/[Daily].

- Swipe (flick) the calendar left or right to display the next or previous month/week/day.

❖Information

- To move the cursor to the current date, in Step 2, tap ▶[Jump to]▶[TODAY].
  To move the cursor to the desired date, in Step 2, ▶[Jump to]▶Swipe (flick) the calendar left or right to select month and then tap a day▶[JUMP].
- To display all registered schedules in a list, in Step 2, ▶[Schedule list].
- To switch to the "Memo" application screen, in Step 2, ▶[Memo list].
- In monthly view, tap ▲ at the bottom of the screen in Step 2 to display the event list for the day which the cursor is located.

Creating schedule event

1 From the Home screen, [apps folder]▶[Schedule].

2 ⊕▶Enter the item.

- For setting alarms, tap [Display input option].

3 [Save].

❖Information

- When an alarm of event is set, 🔔 appears on the status bar at the set time. Drag the status bar down▶Tap [It's time] to display details of the event.

Displaying events of Schedule

1 From the Home screen, [apps folder]▶[Schedule]▶Display a scheduled date/time.

- In Monthly view or Week view, tap a day accompanied by schedule item.

2 Tap an event to view description.

- To edit an event, tap [Edit].

❖Information

- To delete an event, touch and hold an event in Step 2 ▶Tap [Delete one]▶[DELETE].
- To delete all events, from the Home screen, tap [apps folder]▶[Schedule]▶ ▶[Delete]▶[Select all]▶[Delete]▶[DELETE].

Setting display conditions in Schedule

When a search criteria is set, specified data can be displayed.

1 From the Home screen, [apps folder]▶[Schedule].

2 ▶[Conditions].

3 Select the display condition▶[OK]▶.

❖Information

- To search the contents entered in "title", "text" and "Where?", in Step 3, [Free word search]▶Enter a search word▶[OK]▶[OK]▶.

Clock

Use alarm, world clock, stop watch and timer.

Setting an alarm

1 From the Home screen, [apps folder]▶[Clock]▶"Alarm" tab.

2 ▶Set a time▶[OK].

- Set alarm details as required.
- Tap to close the settings screen.

❖Information

- In the alarm screen, tap ▶[Settings] to set the time to mute or the alarm volume.
- To edit an alarm time, in the alarm screen, tap the time.
- To delete an alarm time, in the alarm screen, tap ▶[Delete].

Enabling/Disabling alarm

1 From the Home screen, [apps folder]▶[Clock]▶"Alarm" tab.

2 / of the alarm to turn on or off.

Stopping alarm

1 While alarm is sounding, swipe (flick) right.

❖Information

- When you swipe (flick) it left, the alarm sounds again when the set time has passed (snooze).
- Alternatively, you can operate by tapping the notification at the top of the screen when the display is on (except on the lock screen).

Using World clock

Display the date and time, time difference from the home city, etc. in cities around the world.

1 From the Home screen, [apps folder]▶[Clock]▶"Clock" tab▶ .

2 Enter a city name▶Select a city from the list.

- To add a city, repeat tapping.

❖Information

- To delete an added city, touch and hold the city▶ Drag to .
- Time difference during summer time may differ from the displayed one.

Using Timer

1 From the Home screen, [apps folder]▶[Clock]▶"Timer" tab.

2 Tap numbers to set a time.

3 .

4 To stop the timer sound, tap .

❖Information

- When the screen is locked, in Step 4, tap .
- You can set Timer sound, etc., in the timer screen, tap ▶[Settings].

Using Stopwatch

1 From the Home screen, [apps folder]▶[Clock]▶"Stopwatch" tab.

2 .

3 .

- To resume it, tap .
- Tap [Reset] to delete the measurement result.

docomo Data Copy

docomo Data Copy application allows you to copy the data saved to the terminal to the other terminal or back up/restore the data. Use this application for transferring the data when changing the model or for the regular backup of important data.

- Data may not be copied, backed up, or restored correctly depending on OS or file type.

Data transfer

You can copy the phonebook entries, images, etc. directly to the destination device using the one-to-one direct communication which does not use the Internet.
Activate "Data Copy" applications on both a data sending terminal and a copy destination terminal, then align the two terminals.

1 From the Home screen, [apps folder]▶[Data Copy]▶[Data transfer].

- After this step, follow the onscreen instructions.
- This application is needed for both a data sending terminal and a copy destination terminal. If it is not installed, download from NTT DOCOMO website.
- For the supported models or detailed use method, refer to NTT DOCOMO website.

Backing up/Restoring

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

- Do not remove the microSD card or turn off the terminal during backup or restoring. The data may be damaged.
- If phonebook item titles (e.g. phone number etc.) in the other device are different from those in the terminal, they may be changed or deleted. Also, some text may be deleted when they are restored in the destination device, because savable characters for phonebook contact vary by device.
- Contacts that can be backed up are the registered contacts in the docomo account.
- Contacts without name registration cannot be backed up.
- If the terminal or microSD card is low on memory, backing up or restoration may not be performed. In that case, delete unnecessary files from the terminal or microSD card to make available space.

- If the battery is low, backup or restoration may not be done. In that case, charge the terminal and retry to back up or restore.
- You can back up only the data such as still images and movies stored in the internal storage with this application. The data stored in a microSD card cannot be backed up.
- The periodical backup cannot be executed at specified time if the screen is locked or "STAMINA mode" (P.187) is activated at that time. Instead, it will be executed the next time when the backup activation is possible.

Backing up

Back up the data such as phonebook entries or media files to a microSD card.

1 **From the Home screen, [apps folder]▶[Data Copy]▶[Backup & Restore].**

2 **[Backup].**

3 **Mark the data to back up.**

4 **[Start backup]▶[BACKUP].**
- The selected data can be saved to the microSD card.

5 **[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].**

3 **Tap [Select] on data type to restore ▶Mark data to restore▶[Select].**
- Tap [Select latest data] to select the latest data for each data type.

4 **Select the restoration method▶[Start restore]▶[RESTORE].**
- For some data types, selecting the restoration method is not necessary.
- The selected data is restored to the terminal.

5 **[Back to top].**
- When the periodical backing schedule is not set, "Set a backup schedule" appears. Follow the onscreen instructions.

Copying contacts to docomo account

Copy contacts registered to your Google account to the docomo account.

1 **From the Home screen, [apps folder]▶[Data Copy]▶[Backup & Restore].**

2 **[Phonebook account copy]▶[Select] of contacts to copy▶[OVERWRITE] or [ADD].**
- The copied contacts are saved to your docomo account.

3 **[OK].**

Settings

Viewing the Settings menu

1 From the Home screen, [apps folder]▶[Settings].

Network & internet	P.171
Device connection	P.181
Appearance	P.182
Apps & notifications	P.183
Battery	P.187
Display	P.188
Sound	P.192
Storage	P.194
Privacy	P.195
Location	P.196
Security	P.196
docomo service/cloud	P.201
Accounts	P.202
Xperia Assist	P.203
Accessibility	P.203
Digital Wellbeing & parental controls	P.205
Google	P.205
System	P.206
About phone	P.210

❖Information

- The item indicating the set function may be displayed above the "Network & internet" depending on the condition of usage of the terminal.
- You can search the setting item etc. by entering a key word in the "Search settings" field at the top of screen. Alternatively, tap 🔍 in each setting screen.
- Displayed items or the layout may differ depending on the setting condition etc.

Network & internet

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet].

Wi-Fi	P.172
Mobile network	P.175
Data Saver	P.177
Hotspot & tethering	P.178
Airplane mode	P.180
VPN*	P.180
Private DNS*	Set whether to encrypt communication when the terminal is connected to the compatible DNS server. Also, you can register your private DNS.
Smart connectivity*	Set to use the mobile network preferentially when Wi-Fi network connection is unstable.

* Appeared when [Advanced] is tapped.

Wi-Fi

With Wi-Fi function, you can connect to an access point for your home, company network or public wireless LAN services to use mail and Internet.

Reception interference caused by Bluetooth devices

Wireless LAN (IEEE802.11b/g/n/ax) and Bluetooth devices use the same frequency band (2.4GHz). If you use the terminal near Bluetooth devices, reception interference may occur or the communications speed may deteriorate. Also, you may hear noise or have a connection problem.
Communication may be interrupted or sound may be disturbed when playing back streaming data etc. In these cases, do the following:

- Keep the terminal approximately 10 m or more away from the Bluetooth device.
- For using within approximately 10 m, turn off the Bluetooth device.

Turning on Wi-Fi

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet].

2 of "Wi-Fi".

- It may take a few seconds to turn on the Wi-Fi.

❖Information

- Even when Wi-Fi is on, packet communication is available. When a Wi-Fi network is disconnected, the connection is automatically switched to the mobile network. Note that packet communication charge may be applied if the network connection is kept switched.
- Turn the Wi-Fi function to off when you do not use Wi-Fi to cut battery power consumption.
- For using Wi-Fi, make sure to receive sufficient signal strength.

Connecting to a Wi-Fi network

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Wi-Fi].

2 Select a Wi-Fi network to connect.

- To connect to a protected Wi-Fi network, enter the password▶[CONNECT].
- Tap and scan the QR code for Wi-Fi password to connect to the Wi-Fi network.

❖Information

- Depending on your usage environment, the connection speed may be decreased, or Wi-Fi may not be available.
- When the terminal is connected to Wi-Fi network successfully, "Connected" appears. If a different message is displayed, make sure of the password (security key).
  When the connection is not established even if you enter a correct password (security key), the correct IP address may not have been acquired. Check the signal status and reconnect. It may take 5 minutes or more to display the connection result after the operation of the connecting to Wi-Fi network.
- If you connect to an access point that is not connected to the Internet, etc. appears and communication may be performed via mobile network, not via Wi-Fi. To perform Wi-Fi communication via such access point, tap the notification indicating that Internet access is unavailable appeared when connecting to the access point, and then follow the onscreen instructions.
- To use docomo services via Wi-Fi, you need to set up your d ACCOUNT (P.50).

Deleting connecting Wi-Fi network setting

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Wi-Fi].

2 Tap the Wi-Fi network that is connected.

3 [FORGET].

Adding a Wi-Fi network manually

- Turn Wi-Fi on beforehand (P.172).

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Wi-Fi].

2 [Add network].

- Tap and scan the QR code for Wi-Fi password to connect to the Wi-Fi network.

3 Enter the name (SSID) of Wi-Fi network you want to add.

4 Tap "Security" setting item▶Tap a security type of the Wi-Fi network.

- You can select from the following 7 types: "None", "Enhanced Open", "WEP", "WPA/WPA2-Personal", "WPA3-Personal", "WPA/WPA2/WPA3-Enterprise", "WPA3-Enterprise 192-bit".

5 If required, enter security information for the Wi-Fi network.

6 [SAVE].

❖Information

- To add hidden Wi-Fi network whose stealth setting is enabled, in Step 5, tap [Advanced options]▶[No] of "Hidden network"▶[Yes].

Setting up Wi-Fi

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Wi-Fi]▶[Wi-Fi preferences].

Turn on Wi-Fi automatically*1	Set whether to automatically turn on Wi-Fi when the terminal detects a saved high quality Wi-Fi network, and connect to it.
Open network notification	Set whether to notify you when any high quality Wi-Fi open network is detected.
Auto-connect*2	Set whether to automatically connect to saved Wi-Fi network when it is detected for each Wi-Fi network.
Install certificates*2	Install certificates.
Network rating provider*1*2	Set the function to connect a preferable Wi-Fi network by rating Wi-Fi network condition, etc.
Wi-Fi Direct*1*2	P.174
MAC address*2	Check MAC address.
IP address*2	Check IP address.

*1 You can set this item when Location (P.196) is ON.
*2 Appeared when [Advanced] is tapped.

❖Information

- To check/delete the saved networks or display the QR code for Wi-Fi password, from the Home screen, tap [apps folder]▶[Settings]▶[Network & internet]▶[Wi-Fi]▶[Saved networks].
- To check your Wi-Fi data usage, from the Home screen, tap [apps folder]▶[Settings]▶[Network & internet]▶[Wi-Fi]▶[Wi-Fi data usage].

Using the Wi-Fi Direct function

You can connect among the devices compatible with Wi-Fi Direct® via Wi-Fi even without configuring access point.

- Turn on Wi-Fi and Location beforehand (P.172, P.196).

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Wi-Fi].

2 [Wi-Fi preferences]▶[Advanced]▶[Wi-Fi Direct].

3 Select a Wi-Fi Direct compatible device name to connect.

- Tap ⋮▶[Searching...] to refresh the list of detected devices.
- To change your terminal's name displayed on the detected Wi-Fi Direct compatible device, tap ⋮▶[Rename device].

❖**Information**

- Wi-Fi Direct function becomes available when you install a compatible application.

Mobile network

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network].

Mobile data	P.175
Data roaming	P.220
App data usage	Check mobile data usage of each application for the usage cycle which is specified in "App data usage cycle" (P.175), set Data warning & limit, etc. • To set restriction of background mobile data communication, etc. of each application, select an application displayed below the graph.
4G Calling	P.221
Preferred network type*	P.221
Automatically select network*	P.220
Choose network*	Search available networks when "Automatically select network" is set to OFF.
Access Point Names*	P.176

* Appeared when [Advanced] is tapped.

Enabling/Disabling mobile data communication

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network].

2 / of "Mobile data".

3 Read the note and tap [OK].

Setting Data warning & limit

You can set a usage cycle (measuring period) for mobile data usage, or a warning level or data limit of mobile data usage.

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network]▶[App data usage].

2 .

App data usage cycle	Set the usage cycle (measuring period) for mobile data usage.
Set data warning	Set whether to display the notification when the mobile data usage reaches to the set warning volume.
Data warning	Set a warning value of mobile data usage.

Set data limit	Set whether to temporarily suspend the mobile data communication when the mobile data usage reaches to the limit value.
Data limit	Set the limit value of mobile data usage.

❖Information

- Displayed mobile data usage amount is an estimate and it may be different from the actual one. You can check your actual mobile data usage volume in My docomo.
- Note that the mobile data communication will suspend when the mobile data usage reaches to the specified limit value.
  To resume the mobile data communication, on the suspension notification screen, tap [RESUME]. If the suspension notification screen does not appear, drag the status bar down▶[Mobile data limit reached]▶Tap [RESUME].

Setting an access point

An access point for connecting to the Internet (sp-mode) is already registered. You can add or change it if necessary.
For details of sp-mode, refer to NTT DOCOMO website.
https://www.nttdocomo.co.jp/service/spmode/ (in Japanese only)

■ Checking the access point in use

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network]▶[Advanced]▶[Access Point Names].**
- The radio button on the right of current access point is marked.

■ Setting an access point additionally

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network]▶[Advanced]▶[Access Point Names].**

2 **+.**
- To edit the access point, tap the access point.

3 **[Name]▶Enter any name▶[OK].**

4 **[APN]▶Enter an access point name▶[OK].**

5 **Tap and enter all other information required by your network operator.**

6 **⋮▶[Save]▶[OK].**

❖Information

- Do not change the MCC/MNC. If you change them to the values other than the default (440/10), the access point will not be displayed on the APN screen. If the set access point is not displayed, ⋮ in Step 2▶Tap [Reset to default], or tap + and then set the access point again.
- It is recommended that you use the access point that is registered by default as it is.

■ Initializing an access point

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network]▶[Advanced]▶[Access Point Names].**

2 **⋮▶[Reset to default].**

Data Saver

Restrict the mobile data communication performed by applications in the background to reduce the data usage.

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Data Saver].**

2 **for "Use Data Saver".**

❖Information

- To set applications whose mobile data communication cannot be restricted by the Data Saver, in Step 2, [Unrestricted data]▶Tap each of the application you want to set.
- When Data Saver is ON, tethering function is not available.

Using tethering function

Use tethering function which allows wireless LAN devices, USB devices, or Bluetooth devices to access the Internet via the terminal as a modem.

❖Information

- If you want to use the tethering, use of Packet Pack/ packet flat-rate service is highly recommended.
- Tethering function is not available when the docomo nano UIM card is not inserted, mobile data communication is disabled, or use of mobile network is not available due to out of service area.
- Up to 15 (portable hotspot (Wi-Fi tethering) : 10, USB tethering : 1, Bluetooth tethering : 4) can be connected at the same time.
- When Data Saver (P.177) is ON, tethering function is not available.

Enabling Portable hotspot

You can use the terminal as a Wi-Fi access point to connect up to 10 wireless LAN devices to the Internet simultaneously.

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Hotspot & tethering].

2 [Portable hotspot]▶ ◯.

❖Information

- If the portable hotspot starts while connecting to Wi-Fi network, Wi-Fi connection is disconnected. Wi-Fi network is automatically connected when the portable hotspot ends.
- If you operate from [Portable hotspot] in Step 2▶[Power save] to enable power saving, the portable hotspot will turn off automatically when the specified time has passed without connecting to wireless LAN devices.
- To display the QR code for password of Wi-Fi access point, in Step 2, tap [Portable hotspot]▶[Share portable hotspot].

Changing the portable hotspot settings

You can change the default network name (SSID), security setting, or password.

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Hotspot & tethering].

2 [Portable hotspot]▶[Configure hotspot].

3 Enter the network name (SSID) of the Wi-Fi access point you want to set.

- The device name of the terminal is set by default.

4 Tap "Security" setting item▶Tap a security type of the Wi-Fi access point you want to set.

5 **Enter a password of the Wi-Fi access point to set as required.**

- By default, a password is set in a random manner.

6 **[SAVE].**

Enabling USB tethering

1 **Connect the terminal to a PC with USB cable A to C 02 (optional) etc. (P.46).**

- When a screen for requesting access to the device data appears, tap [DENY].
- When a screen for installing driver software appears, wait for a while until the installation is complete.
- When a confirmation screen of installing software appears on the terminal, tap [SKIP] or [CANCEL].

2 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Hotspot & tethering].**

3 **of "USB tethering".**

- If the installation screen for the terminal's driver software appears on your PC, please wait a moment for the installation to complete.

❖Information

- System requirements (OS) for USB tethering are as follows.
  - Microsoft Windows 10
  - Microsoft Windows 8.1
- In USB tethering, you cannot access your terminal's internal storage or microSD card from the PC.

Enabling Bluetooth tethering

Up to 4 Bluetooth devices can be connected to the Internet.

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Hotspot & tethering].**

2 **of "Bluetooth tethering".**

❖Information

- To connect the terminal from a Bluetooth device, perform pairing (P.213) and then set the connection method for connecting the terminal. For operation on a Bluetooth device, refer to the manuals of the Bluetooth device.

Airplane mode

In this mode, the functions of using radio wave transmissions such as calling, accessing to the Internet (including sending/receiving mails), etc. are disabled.

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet].

2 of "Airplane mode".

- appears on the status bar.

❖Information

- Even if Airplane mode is ON, Wi-Fi, Bluetooth function and NFC/Osaifu-Keitai function can be turned on. Do not turn on these functions in a place where the use of radio wave is prohibited.

Connecting to a VPN (Virtual Private Network)

Use Virtual Private Network (VPN) to connect to the information in a protected local network such as companies, schools or other facilities from outside.

Adding a VPN

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Advanced]▶[VPN].

2 +.

3 Follow the instruction of the network administrator to enter/set required items of VPN settings.

4 [SAVE].

❖Information

- To edit VPN, tap of VPN in Step 2▶Enter or set each item▶[SAVE].
- To delete VPN, tap of VPN in Step 2▶[FORGET].

Connecting to a VPN

1 From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Advanced]▶[VPN].

2 Tap a VPN to connect to.

3 [CONNECT].

- When you are connected to a VPN, appears in the status bar.
- If the username or the password is not entered when the VPN is added, enter the necessary information▶Tap [CONNECT].

❖Information

- To disconnect VPN, in Step 2, tap a connected VPN ▶[FORGET].

Device connection

1 From the Home screen, [apps folder]▶[Settings]▶[Device connection].

Pair new device	P.213
Connection preferences	P.181

❖Information

- When the terminal is connected to a device, the device information may be displayed above "Pair new device". Tap it to change the connection method, cancel connection, etc.
- When any Bluetooth device is paired, the "PREVIOUSLY CONNECTED DEVICES" field appears below "Pair new device" and you can check the paired Bluetooth devices.

Setting Connection preferences

1 From the Home screen, [apps folder]▶[Settings]▶[Device connection]▶[Connection preferences].

Bluetooth	Turn On/Off of Bluetooth device, or pair with a Bluetooth device.
Files received via Bluetooth	P.215
Chromebook	Link the terminal with Chromebook.
Cast	Display the screens of the terminal on a device that is compatible with Google Cast etc.
Screen mirroring*	Connect to a TV or tablet that is compatible with Screen mirroring to display the screen of the terminal.
NFC/Osaifu-Keitai	P.150
NFC/Osaifu-Keitai lock ON/OFF	P.152

USB Connectivity	Install software	Set whether to display a confirmation screen for installing software which allows to manage the contents of the terminal when the terminal is connected to a PC.
	Restart USB device auto-detection	When moisture is detected on the USB Type-C jack, automatic detection of USB device is stopped. Tap [Restart USB device auto-detection] to resume the auto detection.
DUALSHOCK™4		Set to allow a wireless controller (DUALSHOCK™4) to operate the terminal.
Printing		Install print service applications.

* According to usage condition, image or sound may be interrupted or stopped. Covering around the Wi-Fi antenna area with your hand may affect the quality of transferring images.

Appearance

1 From the Home screen, [apps folder]▶[Settings]▶[Appearance].

Wallpaper	P.80, P.87
Ambient display (Always-on display)	P.190
Clocks	Set a clock for the lock screen or Ambient display (P.189).

Apps & notifications

1 From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications].

Recently opened apps	Display the list of recently activated applications. Tap an application to display the app info.
SEE ALL XX APPS	P.183
Configure notifications	P.185
Screen time	Check usage time per application, or set a timer for each application to restrict usage time of a day.
Default apps	Check/change the default application.
Permission manager*	Check/change the app permissions.
Special app access*	Check/change the applications, etc. which can access the functions or information of the terminal.

* Appeared when [Advanced] is tapped.

App info

Manage and uninstall installed applications. Also, change the settings of notification or permission for each application, or delete the data or cache.

Managing applications

1 From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications]▶[SEE ALL XX APPS].

- Tap ⋮ ▶[Show system] to show all applications.

2 Tap an application.

OPEN	Activate the application.
UNINSTALL/ DISABLE	P.184, P.185
FORCE STOP	P.184
Notifications	Change notification setting.
Permissions	Check/change the app permissions.
Storage & cache	Clear data or cache.
Mobile data & Wi-Fi	Check the data communication status or set the restriction of mobile data communication in background etc.
Screen time*	Check usage time for the application, or set a timer to restrict usage time of a day.

Battery*	Check the battery status from the last full-charge or set the use restriction in background etc.
Open by default*	Clear the setting of default applications used for certain operations.
version*	Display the application's version.

* Appeared when [Advanced] is tapped.

❖Information

- The displayed items may differ or the item may not be selected depending on application or usage condition.

Force-stopping an application

1 From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications]▶[SEE ALL XX APPS].

- Tap ⋮ ▶[Show system] to show all applications.

2 Tap the application to force-stop.

3 [FORCE STOP]▶Confirm the content of the screen and then [OK].

Uninstalling applications

- Before uninstalling application, back up contents you want to save including data saved in the application.

1 From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications]▶[SEE ALL XX APPS].

2 Tap the application to uninstall.

3 [UNINSTALL]▶[OK].

❖Information

- Some pre-installed applications may not be uninstalled. You can disable some applications or services which cannot be uninstalled (P.185).
- Applications downloaded from Google Play are recommended to be uninstalled from the Google Play screen (P.149).
- When in Step 3, ⋮ ▶[UNINSTALL UPDATES] is displayed, tap it to restore the application to the default.

Disabling application

You can disable some applications or services, that cannot be uninstalled.

- Disabled applications are not displayed on the Home screen, etc. and you cannot execute them, but they are not uninstalled.

1 From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications]▶[SEE ALL XX APPS].

- Tap ⋮▶[Show system] to show all applications.

2 Tap the application to disable.

3 [DISABLE]▶Confirm the content of the screen and then [DISABLE APP].

❖Information

- When you disabled an application, some other applications linked to the disabled application may not be operated correctly. Enable the disabled application again to operate them correctly.

Resetting application setting

You can reset the disabled applications (P.185), default apps settings (P.184), restriction of background data (P.183), app permissions (P.61), etc.

1 From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications]▶[SEE ALL XX APPS].

2 ⋮▶[Reset app preferences].

3 [RESET APPS].

Configure notifications

Set the notifications of each application or function. Also, you can change the operation of the notification LED or the setting of notifications for the lock screen.

1 From the Home screen, [apps folder]▶[Settings]▶[Apps & notifications]▶[Configure notifications].

RECENTLY SENT	Display the list of applications whose notifications are recently displayed to set the notification to ON/OFF.
See all from last 7 days	A list of applications whose notifications are displayed for last 7 days is displayed and you can set ON/OFF of each notification setting.
Notifications on lockscreen	Set the notification type to be displayed on the lock screen.
Sensitive notifications*1	Set whether to display confidential information on the lock screen.

Keep notifications	Set whether to keep the notification content displayed on the lock screen when you have any notifications.
Allow notification snoozing*2	Set whether to allow notifications to snooze to display them again at specified time. To set snooze, drag the notification left or right in the Notification panel and tap ⏲.
Suggested actions and replies*2	Set whether to automatically display the operation or reply candidate in the notification.
Allow notification dots*2	Set whether to show dots on the application icons for notifications.
Use LED light to show incoming notifications*2	Set whether to notify new mail, etc. with blinking notification LED (P.68).
Notification sound*2	P.194

Do Not Disturb*2	Calls	Set the conditions to allow the incoming call operations when Do Not Disturb is ON.
	SMS, MMS, and messaging apps	Set the conditions to allow the notification sound and vibration for +Message when Do Not Disturb is ON.
	See all exceptions	Set to allow the sound and vibration when Do Not Disturb is ON.
	Restrict notifications	Set the notification operations when Do Not Disturb is ON.
	Default duration	Set the timing for turning off the function when Do Not Disturb is manually set to ON.
	Schedules	Set the schedule to turn on Do Not Disturb automatically.
	TURN ON NOW/TURN OFF NOW	Set Do Not Disturb to ON/OFF manually.

*1 Appeared when "Screen lock" (P.197) is set to "Pattern"/"PIN"/"Password".

*2 Appeared when [Advanced] is tapped.

Battery

1 From the Home screen, [apps folder]▶[Settings]▶[Battery].

XX% More than XX remaining*	The battery level and available time (estimate) are displayed.
Apps are running normally*	Battery usage condition, etc. is displayed.
STAMINA mode	Restrict the operations and a part of functions of the terminal to save the battery power. • When "Set a schedule" is set to "Based on percentage", STAMINA mode turns on automatically when the battery level becomes to the specified level. • When "Turn off when fully charged" is ON, STAMINA mode turns off automatically when charging is ended with the battery level 90% or more. • Tap [TURN ON NOW]/[TURN OFF NOW] to turn on/off STAMINA mode manually. • To set the STAMINA level, tap [STAMINA level].
Emergency mode	P.59
Battery Care	P.43
Adaptive Battery	Restrict use of battery for applications whose usage frequency is low to reduce the battery consumption.
Battery percentage	Set whether to display battery level (%) on the status bar.
Last full charge	Display the elapsed time from the last full charge to the present time.
Screen usage since full charge	Display the time used by the screen from the last full charge to the present time.

* The display may differ depending on usage condition.

❖Information

- Power-saving function restricts the battery usage in background to reduce the battery consumption. If you want to avoid the effect of the power-saving function to applications, set them as exception.
  To set as an exception app, from the Home screen, [apps folder]▶[Settings]▶[Apps & notifications]▶[Advanced]▶[Special app access]▶[Power-saving feature]▶[NOT OPTIMIZED]▶[All apps]▶Tap the application you want to set▶[Don't optimize]▶[DONE].
- You can check the applications using the battery after full charge or set restriction of use in background per application, from the Home screen, tap [apps folder]▶[Settings]▶[Battery]▶ ⋮ ▶[Battery usage].
- Information of battery consumption per application will be reset when the terminal is fully charged.

Display

1 From the Home screen, [apps folder]▶[Settings]▶[Display].

Image quality settings	Color gamut and contrast	Set the display mode of still images or videos.
	Auto creator mode	Set whether to automatically apply the creator mode in specific applications, or check applications to be applied. • You can operate when the application that is available for the creator mode is installed.
	Video image enhancement	Reproduce precise texture or sharp feelings by enhancing patterns and outlines when playing video.
	Motion blur reduction	Express video images with less blurring or afterimage.
White balance		P.189
Brightness level		P.189
Adaptive brightness		Adjust the screen brightness automatically according to the ambient brightness, etc. based on the setting of "Brightness level".
Screen timeout		Set a time for turning off of screen.

Font size	Set font size.
Display size	Enlarge/reduce of the size of the icon etc. displayed in the screen.
Dark theme	Apply the dark theme to the corresponding screen or display.
Auto-rotate screen	P.58
Lock screen display	P.189
Side sense*	P.191
One-handed mode*	P.75
Cover selection*	Set to correct the screen brightness or turn off the screen according to the cover (commercially available) you use.
Smart backlight control*	Set the screen not to turn off when you hold the terminal in your hand but touch operation is not performed. • The screen may turn off if the terminal remains at rest for a while even when you set Smart backlight control to On and hold the terminal in your hand.
Night Light*	Set the screen in yellowish tone so that you can easily see the screen even in low light.

Prevent accidental operations with screen off*	Prevent unintentional operations by disabling the touch screen when the key of the terminal is accidentally pressed in a bag, pocket, etc. and the screen is turned on.
Screen saver*	Set the screen saver.

* Appeared when [Advanced] is tapped.

Adjusting the white balance

1 From the Home screen, [apps folder]▶[Settings]▶[Display]▶[White balance].

2 ◯ of "Set manually"

3 Tap any one of [Warm]/[Medium]/[Cool]/[Custom].

- When "Custom" is selected, tap the each slider at a position you want to set, or drag it left or right.

❖Information

- If you tap the slider at a point you want to set or drag it left or right in Step 3, "Custom" option is automatically set.

Adjusting the screen brightness

1 From the Home screen, [apps folder]▶[Settings]▶[Display]▶[Brightness level].

2 Tap the slider at a position you want to set, or drag it left or right.

Setting Lock screen display

Make settings for the lock screen and Ambient display. While Ambient display is ON, you can display an image in sleep mode or check date & time or notifications.

1 From the Home screen, [apps folder]▶[Settings]▶[Display]▶[Lock screen display].

Ambient display (Always-on display)	When to show Ambient display	Set a timing for activating Ambient display.
	New notifications	Set whether to activate Ambient display when you have notifications in sleep mode. • This function may not be operated depending on notification.
	Sticker	Set to display a specified image for Ambient display.
	Music information	Set whether to display information of music which is playing/paused on the screen of Ambient display.
Clocks		Set a clock for the lock screen or Ambient display.
Tap to show lock screen		Set whether to display the lock screen by double-tapping in sleep mode.
Show lockdown option*1		Display "Lockdown" option to the menu which is displayed when the power key is pressed for at least 1 second. You can disable unlock by Smart Lock or fingerprint authentication, or hide notifications when the screen lock is set by tapping "Lockdown".
Add users from lock screen		Set whether to add a guest or user from the Quick settings panel (P.72) on the lock screen when the unlocking method of the screen lock is "Pattern"/"PIN"/"Password".
Album art		Set whether to display an album art of music which is playing/paused as a background of the lock screen.
Lock screen message		Enter a message to be displayed on the lock screen.
Show notifications		Set whether to show notification details on the lock screen.*2
Keep notifications		Set whether to keep the notification content displayed on the lock screen when you have any notifications.

*1 Appeared when "Screen lock" (P.197) is set to "Pattern"/"PIN"/"Password".
*2 Displayed items vary depending on the settings of "Screen lock".

Setting Side sense

Make settings for using Side sense feature (P.54).

1 From the Home screen, [apps folder]▶[Settings]▶[Display]▶[Advanced]▶[Side sense].

2 ◯.

TRY SIDE SENSE TUTORIAL	Practice the operations of Side sense.
Side sense menu	Set applications to be displayed in the Side sense menu.
Multi-window menu	Set pairs of applications to display in the Multi-window menu.
Configure touch position	Enabled side: Select available range of the side edge of the screen from "on both sides", "on the right side", or "on the left side".
	TOUCH POSITION: Set whether to automatically detect the touch position on the side edge of the screen, or fix it manually. • When "Manual" is selected, length of operation and the position can be set. Also, transparency of the guide displayed in the screen can be adjusted. • If you cannot operate with the side edge of screen because a commercially available case or cover is attached to the terminal, tap [Manual]▶ ◯ of [Operate on inner edge of screen] to use the side sense feature by operating the guide appeared on the screen.

Sensitivity	Double-tap speed	Adjust speed of double-tapping operation that can be recognized on the side edge of the screen.
	Slide length	Adjust recognition of sliding length for the side edge of the screen.
Gestures		Assign an action to double-tapping/sliding up/sliding down the side edge of the screen (Gesture operation).
Enable Side sense on lock screen		Set whether to display the Side sense menu on the lock screen.
Select apps that work with gestures		Set whether to allow use of Side sense for each application.
Improve prediction accuracy		Set whether to allow Xperia Intelligence engine to use location information for improving the application predictability in Side sense.

Sound

1 From the Home screen, [apps folder]▶[Settings]▶[Sound].

Audio settings	Dolby Atmos	Set whether to use Dolby Atmos, or change audio effect.
	DSEE Ultimate	P.161
	Intelligent wind filter	Set whether to reduce noise of the wind blowing against the microphone when shooting video.
Media volume		P.193
Dynamic Vibration		Add vibration when playing back movie, video, or music to enhance realistic sensation. You can change the strength of vibration with the volume control bar displayed when the volume key is tapped while playing back with a compatible application. • When Media volume is mute, Dynamic Vibration is not available.
In-call volume		P.193
Ring and notification volume		
Alarm volume		

Vibrate for calls	Set whether to vibrate the terminal while receiving a call.
Do Not Disturb	P.186
Phone ringtone	P.194
Notification sound	
Default alarm ringtone	
Dial pad tones*	Set whether to emit sound when tapping the dialpad.
Screen locking sounds*	Set whether to emit sound when pressing the power key to lock the screen, or unlocking the screen lock.
Charging sounds and vibration*	Set whether to notify of start of charging with sound and vibration.
Touch sounds*	Set whether to emit sound when selecting menu etc.
Touch vibration*	Set whether to vibrate the terminal when the key icon is tapped.

* Appeared when [Advanced] is tapped.

❖Information

- For silent mode, see "Setting Silent mode" (P.58).

Adjusting each sound volume

Adjust the media play volume, in-call volume, ring and notification volume, or alarm volume.

1 From the Home screen, [apps folder]▶[Settings]▶[Sound].

2 Tap the slider of "Media volume"/ "In-call volume"/"Ring and notification volume"/"Alarm volume" at a position you want to set, or drag it left or right.

❖Information

- You can also adjust the media volume by pressing the volume key. Or, you can adjust In-call volume by pressing the volume key during a call.
- Pressing the volume key or the power key mutes ringtone for incoming calls.

Setting the ringtone/ notification sound/alarm ringtone

1 From the Home screen, [apps folder]▶[Settings]▶[Sound].

2 Tap any one of [Phone ringtone]/ [Notification sound]/[Default alarm ringtone].

3 Select a sound option▶[OK].

❖Information

- To set a ringtone other than ringtone, notification sound, or alarm ringtone preset by default, tap [Add ringtone]/[Add notification]/[Add alarm] in Step 3.
- A ringtone or notification sound selected in Step 3 sounds in the volume set in "Ring and notification volume". However, it does not sound when the sound setting is mute.

Storage

Check available memory of the internal storage, USB storage or microSD card, or initialize (format) the USB storage or microSD card.

1 From the Home screen, [apps folder]▶[Settings]▶[Storage].

XX.XXGB Total used of 128 GB*	Used memory and total memory of the internal storage is displayed.
Internal shared storage*	Used memory/total memory of the internal storage is displayed.
USB drive*	Used memory/total memory of the USB storage is displayed.
SD card*	Used memory/total memory of the microSD card is displayed.

* Displayed items vary depending on recognition condition of USB storage or microSD card.

❖Information

- To increase available memory of the internal storage by selecting files and applications to delete/uninstall them, tap [Internal shared storage]▶[FREE UP SPACE].
- Tap [Internal shared storage]▶[Files], or tap [USB drive]/[SD card] to display the data list. You can check the saved data or copy/move/delete/share the data (P.211).
- To release the recognition of USB storage/microSD card, tap ⏏ of "USB drive"/"SD card". To recognize again, tap [USB drive]/[SD card]▶[MOUNT].
- To format a USB storage/microSD card, tap [USB drive]/[SD card]▶ ⋮ ▶[Storage settings]▶[Format]▶[FORMAT USB DRIVE]/[FORMAT SD CARD].
  Be aware that formatting will erase all their data.

Privacy

1 From the Home screen, [apps folder]▶[Settings]▶[Privacy].

Permission manager	Check/change the app permissions.
Show passwords	Set whether to show the input character before "●" appears on the PIN/password etc. entry screen.
Show notifications	Set whether to show notification details on the lock screen.*1
Autofill service from Google	Check the saved information or change the setting.
Google location history*2	Set whether to use the Google location history or manage the saved activities.
Activity controls*2	Set whether to enable the activities or select the activities and the information to allow Google to save them.
Ads*2	Reset the advertising ID or set to not use the advertising ID.
Usage & diagnostics*2	Set whether to send your usage condition to Google.

*1 Displayed items vary depending on the settings of "Screen lock".
*2 Appeared when [Advanced] is tapped.

Location

1 From the Home screen, [apps folder]▶[Settings]▶[Location].

2 ◯ of "Use location".

3 Read the attention on location information and tap [AGREE].

RECENT LOCATION REQUESTS	Display applications or services which use the recent location information data.
See all	Display all applications and services which use the recent location information data.
App permission	Check/change the app permission using location information.
Wi-Fi and Bluetooth scanning	Set whether to allow scanning of Wi-Fi network or Bluetooth devices even when Wi-Fi or Bluetooth is OFF.
Emergency Location Service*	Set whether to use the Emergency Location Service (ELS).
Google Location Accuracy*	Set whether to improve the accuracy of location information using Wi-Fi, mobile network, etc.
Google Location History*	Set whether to use the Google location history or manage the saved activities.
Google Location Sharing*	Use the current location sharing function.

* Appeared when [Advanced] is tapped.

Security

1 From the Home screen, [apps folder]▶[Settings]▶[Security].

Google Play Protect*1	Set whether to scan the terminal regularly and check security threats.
Find My Device*1	Set ON/OFF of "Find My Device", or check a method of finding the terminal.
Security update*1	Check availability of Software update (P.236).
Google Play system update*1	Check availability of system update.
Screen lock	P.197
Fingerprint Manager	P.199
Smart Lock	Set the conditions to unlock the screen lock automatically when the screen lock unlocking method is set to "Pattern"/"PIN"/"Password".
Device admin apps	Set whether to enable device administrator application.
SIM card lock*2	P.52
Osaifu-Keitai lock (UIM card)*3	P.153

Encryption & credentials*3	Encrypt phone	The internal storage is encrypted by default.
	Storage type	Show type of credential storage*4.
	Trusted credentials	Display trusted CA credentials.
	User credentials	Manage the user credentials saved in the terminal.
	Install from SD card	Install certificates.
	Clear credentials	Clear all certificates or credential information stored in the credential storage.*5
Trust agents*3		Set whether to enable Trust agent when the screen lock unlocking method is set to "Pattern"/"PIN"/ "Password".
Screen pinning*3		Set whether to enable screen pinning. When it is set to ON, "PIN" is displayed when the icon at the top of thumbnail in Task manager (P.73) is tapped.

*1 The display may differ depending on usage condition.
*2 Not displayed if a docomo nano UIM card is not inserted.
*3 Appeared when [Advanced] is tapped. However, they may be displayed without tapping [Advanced] depending on your operation condition.
*4 Save certificates and credential information in the credential storage.
*5 VPN settings are also cleared.

Setting screen unlock method

Set to enter the screen unlock method (pattern/PIN/password) when powering on the terminal or canceling the sleep mode.

1 From the Home screen, [apps folder]▶[Settings]▶[Security]▶[Screen lock].

2 Tap any one of [Pattern]/[PIN]/[Password].

3 Follow the onscreen instructions to set.

- When the setting is complete, "Security" in the settings menu screen reappears.
- If you select "PIN", enter 4- to 16-digit of numeric characters. If you select "Password", enter 4- to 16-alphanumeric characters/symbols.

4 Tap ⚙ of "Screen lock" as required.

Make pattern visible*	Set whether to show pattern when entering pattern.
Lock after screen timeout	Set the time from when the screen turns off to when the screen is locked automatically.
Power button instantly locks	Set whether to instantly lock the screen when the screen is turned off by pressing the power key.

* Appeared only when the "Pattern" is set.

Locking the screen

Screen lock is activated when you press the power key to put the terminal into sleep mode after the screen lock unlocking method (P.197) is set, or when the time set in "Lock after screen timeout" has elapsed after the screen backlight turns off.

■ To unlock the screen

1 While the screen is locked, press the power key to turn on the screen▶Swipe (flick) up the screen▶Enter the screen lock unlocking method.

■ To turn off the screen lock

1 From the Home screen, [apps folder]▶[Settings]▶[Security]▶[Screen lock]▶Enter the set unlock pattern/PIN/password▶[None]▶[YES, REMOVE].

❖Information

- Entering incorrect pattern/PIN/password 5 times consecutively disables unlocking the screen lock. Wait for approximately 30 seconds and then operate the canceling of screen lock again.
- If you forget set pattern/PIN/Password, contact a docomo Shop.

Setting up fingerprint authentication

The terminal has a fingerprint sensor (P.34) and you can unlock the screen lock with the fingerprint authentication, touching it with the registered finger.

Notes on using fingerprint authentication

- Your terminal recognizes a fingerprint based on its unique characteristics. For this reason, some users may not be able to use fingerprint authentication if their fingerprints are not sufficiently unique.
- Authentication performance-how successfully your fingerprint can be recognized when you touch the fingerprint sensor properly-varies depending on the condition of your fingers. Fingerprint registration may fail or the authentication performance may decrease if your fingers have any of the conditions listed below. Note that you may be able to improve the authentication performance by wiping or washing your hands, using a different finger for authentication, etc.
  - Your fingers are: Wrinkled or wet (for example, after you take a bath)
  - Sweaty or greasy (with hand cream etc.)
  - Dirty with mud, oil, or other contamination
  - Rough or injured (for example, cut or inflamed)
  - Extremely dry
  - Different in size than before, so that the fingerprint has changed
  - Worn so much that the fingerprint is unclear
  - Totally different in texture than when you registered your fingerprint
- Fingerprint authentication technology does not guarantee completely accurate personal authentication or identification. Please note that DOCOMO assumes no responsibility for any damages resulting from using the terminal by the third party, or inability to use the terminal.

Precautions for using the fingerprint sensor

- Do not hit the fingerprint sensor against anything or subject it to any strong impact. Also, do not scratch its surface or poke it with a pointed object. Doing so may damage the sensor or cause it to fail.
- Do not put a sticker on the fingerprint sensor or paint it with ink or something similar.
- When the fingerprint sensor is soiled, fingerprint recognition or authentication performance may be degraded. Occasionally clean the surface of the fingerprint sensor.

Registering your fingerprint

1 From the Home screen, [apps folder]▶[Settings]▶[Security]▶[Fingerprint Manager].

- If you have already registered fingerprint, the entry screen for unlocking the screen lock appears. Enter the unlocking method to display the Fingerprint Manager screen.

2 Select the screen lock unlocking method.

- After this step, follow the onscreen instructions. When the registration is complete, the screen indicating addition of the fingerprint appears. Tap [Done] to end the registration or tap [Add another] to register the other fingerprint.
- Use the screen lock unlocking method when the fingerprint authentication is unavailable.
- When the entry screen for unlocking the screen lock appears, enter the set unlock method and then follow onscreen instructions.

❖Information

- In the Fingerprint Manager screen, you can perform the following actions:
  - To rename a fingerprint, tap a registered fingerprint▶Enter a name▶Tap [OK].
  - To delete a fingerprint data, tap 🗑 of registered fingerprint▶[YES, REMOVE].
  - To register the other fingerprint, tap [Add fingerprint].

Using your fingerprint for authentication

1 When the lock screen is displayed, touch the fingerprint sensor with the registered finger.

- Swipe (flick) up the lock screen to display a screen for entering the screen lock unlocking method you set.

❖Information

- If fingerprint authentication failed 5 times consecutively, the fingerprint authentication is disabled. Wait for a while and then perform fingerprint authentication, or swipe (flick) the screen up and then enter the screen lock unlocking method that you set.
- If fingerprint authentication failed 20 times consecutively, the fingerprint sensor is disabled. Swipe (flick) the screen up and then enter the screen lock unlocking method that you set.

docomo service/cloud

1 From the Home screen, [apps folder]▶[Settings]▶[docomo service/cloud].

d ACCOUNT setting	Set up your d ACCOUNT to use docomo applications (P.50). You can also use your biological information (fingerprint) registered on the terminal to set up your d ACCOUNT.
docomo cloud	Make settings for docomo cloud compatible service.
docomo Application Data Backup	Set whether to use the function of automatic back up/restore data of docomo apps, or check the list of apps whose backup data stored.
docomo apps management	Manage the docomo apps, or set the notifications or auto-update.
Osusume Apps	Set for Osusume Apps, or check received notifications.
Osusume hint	Set whether to display Osusume hint, check hints displayed in the past, etc.
AUTO-GPS	Set to use the services supporting AUTO-GPS.
docomo location information	Set location information function for imadoco search, imadoco kantan search and Keitai-Osagashi Service.
Send app information	Set whether to send app information to the server which is managed by DOCOMO.
Member/profile settings	Check or change your membership information/profile information used for docomo services.
docomo service initial settings	P.48
Switch USB debugging	Make the settings for using the dedicated terminal at a docomo Shop etc.
Open source licenses	View open source licenses.

❖Information

- You can disable applications displayed in docomo service/cloud. Disabled applications may not be displayed in the list of docomo service/cloud. Also, if you newly download an application provided by DOCOMO, an item may be added in the list of docomo service/cloud.

Accounts

1 From the Home screen, [apps folder]▶[Settings]▶[Accounts].

Add account	P.202
Automatically sync data	P.202

Adding accounts

Add or remove online service accounts.

- Set up your Google account (P.49)
- Auto-sync data (P.202)

1 From the Home screen, [apps folder]▶[Settings]▶[Accounts]▶[Add account].

2 Tap the account type.
- After this step, follow the onscreen instructions.

❖**Information**

- docomo account is set by default.

Removing an account

1 From the Home screen, [apps folder]▶[Settings]▶[Accounts]▶Select an account you want to remove.

2 [REMOVE ACCOUNT]▶[REMOVE ACCOUNT].

❖**Information**

- You cannot remove the docomo account.

Setting auto-sync of accounts

The information of online service can be synchronized with the terminal automatically. You can display and edit information on the terminal or a PC.

- Setting Auto-sync data, communication occurs to synchronize and a packet communication charge may be applied.

1 From the Home screen, [apps folder]▶[Settings]▶[Accounts].

2 Tap / of "Automatically sync data"▶[OK].

Synching manually

When the auto-sync function is off, you can sync your registered account(s) manually.

1 From the Home screen, [apps folder]▶[Settings]▶[Accounts].

2 Select the account▶[Account sync]▶Select items to sync.

Xperia Assist

You can check "Xperia使いこなしガイド (Guide for using Xperia)" which introduces use of the terminal, or view the support page. Also, you can set for the battery or activate Xperia Lounge Japan.

1 From the Home screen, [apps folder]▶[Settings]▶[Xperia Assist].

Xperia使いこなしガイド (Guide for using Xperia)	View Xperia使いこなしガイド (Guide for using Xperia) to check function descriptions, how to use, etc.
STAMINA mode	Set STAMINA mode (P.187).
Battery Care	Set Battery Care (P.43).
Xperia Lounge Japan	Check information about products and campaigns from Sony Mobile Communications.
サポート (Support)	View the support page of Sony Mobile Communications.

Accessibility

1 From the Home screen, [apps folder]▶[Settings]▶[Accessibility].

Volume key shortcut	Set whether to enable activation of accessibility function using the volume key shortcut, or set shortcut services to be activated.
Osusume hint	Set whether to use Osusume hint service. • Use setting is required in advance (P.201).
Text-to-speech output	P.204
Font size	Set font size.
Display size	Enlarge/reduce of the size of the icon etc. displayed in the screen.
Dark theme	Apply the dark theme to the corresponding screen or display.
Magnification	Set whether to enable zooming in by tapping the screen 3 times, or tapping at the bottom right of screen.
Color correction	Correct color when distinguishing colors is difficult.
Color inversion	Set whether to invert color of screen.
Large mouse pointer	Set whether to enlarge the pointer when using a mouse (commercially available) etc.

Remove animations	Set whether to turn off the animation effect of screen display.
Click after mouse pointer stops moving	Set whether to perform click operation when the pointer stops when using a mouse (commercially available) etc.
Power button ends call*	Set whether to end calls by pressing the power key.
Auto-rotate screen	P.58
Touch & hold delay	Set response time for operation of touching and holding the screen.
Time to take action (Accessibility timeout)	Set the display time for the notification message accompanying the operation menu when receiving +Message etc. • This function may not be operated depending on application or function.
Vibration & haptic strength	Set whether to vibrate the terminal when you have an incoming call or notification, or tap the key icon. • The terminal may vibrate even when this setting is off depending on application or function.
Mono audio	Set whether to play sound with monaural.
Audio balance	Set the audio balance.
Caption preferences	Set whether to display the captions or set the language, font size for captions.
High contrast text	Set whether to show characters clearly against the background color.

* If the terminal goes into sleep mode during a call with "Power button ends call" is ON, you can end the call by pressing the power key to wake the terminal and then pressing the power key again.

Setting Text-to-speech output

1 From the Home screen, [apps folder]▶[Settings]▶[Accessibility]▶[Text-to-speech output].

Preferred engine	Select and set the engine for Text-to-speech output.
Language	Set language for Text-to-speech output.
Speech rate	Set speed at reading out text.
Pitch	Set the pitch of voice to read out text.
PLAY	Playback reading sample.
RESET	Reset setting of "Speech rate" and "Pitch" to the default.

❖Information

- To reading out the text with this function, download the corresponding Text-to-speech output application.

Digital Wellbeing & parental controls

You can prevent from overusing the terminal by checking your usage habits of the terminal, managing the usage time with the tool such as the app timer. Also, you can set the use restriction by guardian.

1 **From the Home screen, [apps folder]▶[Settings]▶[Digital Wellbeing & parental controls].**

2 **Check and set each item.**

Google

Check, change, or delete information or settings related to your Google account and the services.

1 **From the Home screen, [apps folder]▶[Settings]▶[Google].**

2 **Set each item.**

❖Information

- To search by voice using a Bluetooth device, in Step 2, tap [Account services] (if appeared)▶[Search, Assistant & Voice]▶[Voice]▶ of "Bluetooth audio recording".

System

1 From the Home screen, [apps folder]▶[Settings]▶[System].

Languages & input		P.206
Gestures		P.207
Date & time		P.208
Backup	Back up to Google Drive	Set whether to back up data of applications, settings of the terminal, etc. to Google Drive.
	Account*1	Set an account for backup to Google Drive. • When you set up the account, the items such as manual backup are displayed.
Reset options*2	Reset network settings	Reset the network settings.
	Reset app preferences	P.185
	Erase all data (factory reset)	P.208
Multiple users*2		P.209
System update*2		P.236
Application update*2		Check application updates or set the auto update.

*1 The display may differ depending on usage condition.
*2 Appeared when [Advanced] is tapped.

Languages & input

1 From the Home screen, [apps folder]▶[Settings]▶[System]▶[Languages & input].

Languages		P.207
On-screen keyboard	Gboard	P.67
	Google voice typing	
	Moji-Henshu	
	Manage keyboards	Set the input method to be switched when entering characters.
Physical keyboard	Show on-screen keyboard	Set whether to display the software keyboard on the terminal when entering characters with a peripheral keyboard connected to the terminal.
	Keyboard shortcuts helper	Display the available shortcuts that can be used on the peripheral keyboard connected to the terminal.
Spell checker*		Set whether to run the spell checker.
Autofill service*		Select autofill services or make the settings.
Personal dictionary*		Add words to use for spell checker applications etc. (P.67).

Pointer speed*	Set speed of the pointer when using a mouse (commercially available) etc.
Text-to-speech output*	P.204

* Appeared when [Advanced] is tapped.

Changing the phone language

1 From the Home screen, [apps folder]▶[Settings]▶[System]▶[Languages & input]▶[Languages].

2 [Add a language]▶Select the language▶Select the country or region as required.

3 Drag ═ of the language to the top layer ("1" position).

❖Information

- If you choose the wrong language and cannot read the menu texts, see the FAQ of the following website. https://www.sonymobile.co.jp/support/ (in Japanese only)

Gestures

1 From the Home screen, [apps folder]▶[Settings]▶[System]▶[Gestures].

Side sense	P.191
One-handed mode	P.75
Smart backlight control	Set the screen not to turn off when you hold the terminal in your hand but touch operation is not performed. • The screen may turn off if the terminal remains at rest for a while even when you set Smart backlight control to On and hold the terminal in your hand.
System navigation	Change the key icon operation to Gesture navigation. • When the home app is set to Xperia Home, Gesture navigation is available.
Power key behavior	Set an application/function to be activated by pressing the power key twice.
When to show Ambient display	Set a timing for activating Ambient display (P.189).
Tap to show lock screen	Set whether to display the lock screen by double-tapping in sleep mode.

Date & time

- To set date, time, time zone or 24-hour format manually, turn off "Use network-provided time", "Use network-provided time zone", or "Use locale default".

1 From the Home screen, [apps folder]▶[Settings]▶[System]▶[Date & time].

Use network-provided time	Adjust date and time automatically by using network-provided information.
Date	Set date manually.
Time	Set time manually.
Use network-provided time zone	Adjust time zone automatically by using network-provided information.
Time zone	Set time zone manually.
Use locale default	Set whether to use 24-hours format according to the setting of "Languages" (P.207).
Use 24-hour format	Set 24-hour format manually.

❖Information

- Correction of the time differences may not be performed correctly depending on the overseas network operator. In that case, set time zone manually.

Resetting the terminal

Resetting the terminal deletes all data and accounts, and resets the terminal back to the initial (default) state.

- The downloaded applications and data in the internal storage (music, images, etc.) are included to the data to be deleted.
- Make sure to back up the important data you have on the terminal before resetting.
- Reset the terminal while charging the battery, or when the battery is sufficiently charged.
- Initial settings (P.48).

1 From the Home screen, [apps folder]▶[Settings]▶[System]▶[Advanced]▶[Reset options]▶[Erase all data (factory reset)].

2 [Erase all data].

- Enter the screen lock unlocking method ("Pattern"/"PIN"/"Password") as required.

3 [Erase all data].

❖Information

- Some pre-installed content can be re-downloaded, even if it is deleted when you reset your terminal. To download, from the Home screen, tap [apps folder]▶[Xperia Lounge Japan]▶☰▶[サポート (ブラウザで開きます) (Support (Open the window by the browser))]▶[スマートフォン／タブレット関連（プリインストールコンテンツなどの再ダウンロード）(For smartphone/tablet (For re-downloading preinstalled contents))]▶[ドコモ (DOCOMO)] (in Japanese only) and then select the terminal on the displayed screen.

Multiple users

Add users to share the terminal with multiple users (function that allows users and guests to use the terminal).
To switch users, etc. operate from the Quick settings panel (P.72).

1 From the Home screen, [apps folder]▶[Settings]▶[System]▶[Advanced]▶[Multiple users].

You (Owner)*	Check or edit profile information.
Guest	Tap this item to add a guest or switch to the guest when the owner uses the terminal. Also, set whether to allow a guest to use the phone call by tapping ⚙. • When a guest is using the terminal, "Remove guest" is displayed. You can tap it to delete the applications and data that the guest has used.
Add user	Select this to add users. You need to configure initial settings for each added user. Follow the onscreen instructions. • When a registered user uses the terminal, "You (the name set for the user's Google account)" or "You (new user)" is displayed.
Add users from lock screen	Set whether to add a guest or user from the Quick settings panel (P.72) on the lock screen when the unlocking method of the screen lock is "Pattern"/"PIN"/"Password".

* The display may differ depending on usage condition.

❖Information

- You can add up to 5 users including an owner and a guest.
- You can set whether to allow a user to use call function and +Message (SMS), or remove the user by tapping ⚙ of the user who are registered while the owner uses the terminal.
- When using the terminal by User/Guest, displayed functions are different, or use of applications or functions are restricted.

About phone

1 From the Home screen, [apps folder]▶[Settings]▶[About phone].

Device name	Register a name of the terminal.
Phone number	Your own phone number is displayed.
Emergency information	Register your blood type or the other information that can be useful for initial response in emergency or the contacts for emergency.
Legal information	Check third party's licenses or Google terms of use, etc.
Certificates	P.248
Detailed Diagnostics	Set whether to send detailed diagnostics data of the terminal.

SIM status	Check the version, various numbers, status of docomo nano UIM card, battery life, etc.
Model	
IMEI	
Show IMEI barcode	
Android version	
Battery life	
IP address	
Wi-Fi MAC address	
Bluetooth address	
Up time	
Build number	

File management

Storage structure

Phone (Internal shared storage)

Folders in the internal storage (/storage/emulated/0) by default are as follows.

- Displayed folders may differ depending on the terminal operations.

Alarms	Stores alarm sounds etc.
Android	Stores setting data for system or each application, temporary files, etc.
DCIM	Stores still pictures/videos shot by Camera.
Download	Stores downloaded data through the web browser.
Movies	Stores videos (except shots by Camera).
Music	Stores music data.
Notifications	Stores notification sounds etc.
Pictures	Stores still pictures (except shots by Camera).
Podcasts	Stores Podcast files etc.
Ringtones	Stores ringtones etc.

microSD card (External storage)

You can save the data in the terminal to a microSD card or import data from a microSD card to the terminal.

- For installing/removing a microSD card (P.39)

File operation

Use "Files" application to operate the data saved in the internal storage or microSD card.

1 **From the Home screen, [apps folder]▶[Files].**

- Recently used files are displayed.

2 **≡▶Tap the device name.**

- The internal storage of the terminal is displayed.
  When any device name is not displayed, tap ⋮▶[Show internal storage].
- When a microSD card is installed, tap ≡ to display the item in the menu.

3 **Tap the folder as required.**

4 **Tap a file.**

- Data can be displayed with the compatible application.

❖**Information**

- To search data, tap 🔍 in Step 2 and enter a file name, then tap 🔍 of the software keyboard.

Creating a folder

1. **From the Home screen, [apps folder]▶[Files].**
2. **≡▶Tap the category or storage.**
3. **Tap the folder as required.**
4. **⋮▶[New folder].**
5. **Enter a folder name▶[OK].**

Renaming a folder or file

1. **From the Home screen, [apps folder]▶[Files].**
2. **≡▶Tap the category or storage.**
3. **Tap the folder as required.**
4. **Touch and hold a folder or file you want to rename.**
5. **⋮▶[Rename]▶Enter a name▶[OK].**

Deleting a folder or file

1. **From the Home screen, [apps folder]▶[Files].**
2. **≡▶Tap the category or storage.**
3. **Tap the folder as required.**
4. **Touch and hold a folder or file you want to delete.**
5. **🗑▶[OK].**

Copying/Moving a folder or file

1. **From the Home screen, [apps folder]▶[Files].**
2. **≡▶Tap the category or storage.**
3. **Tap the folder as required.**
4. **Touch and hold a folder or file you want to copy/move.**
5. **⋮▶[Copy to...]/[Move to...].**
6. **In the desired location, [COPY]/[MOVE].**

Data communication

Bluetooth function

Bluetooth function is a technology which enables to connect with Bluetooth device such as PC, handsfree headset wirelessly.

- The terminal does not connect wirelessly with all types of Bluetooth devices.
- Supported Bluetooth profiles (P.245)

❖Information

- On/OFF setting of the Bluetooth function is kept even if you turn off the power.
- When you do not use Bluetooth function, turn it off to save the battery.
- To switch ON/OFF of Bluetooth function, from the Home screen, tap [apps folder]▶[Settings]▶[Device connection]▶[Connection preferences]▶[Bluetooth]▶ / .

Reception interference caused by wireless LAN devices

The terminal's Bluetooth function and wireless LAN devices use the same frequency band (2.4GHz). 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:

- Keep the Bluetooth device approximately 10 m or more away from a wireless LAN device.
- Within approximately 10 m, turn off either the Bluetooth device or the wireless LAN device.

Making the terminal detectable

1 **From the Home screen, [apps folder]▶[Settings]▶[Device connection].**

2 **[Pair new device].**

- Tap [Device name] to change the name of the terminal when displayed on the other Bluetooth device.

Making pair setting for the terminal and Bluetooth device

To connect the terminal and Bluetooth device, pair them first.

- Once paired, the setting with the Bluetooth device is saved.
- For make pair setting, entering passcode (PIN) may be required. Passcode (PIN) of the terminal is "0000". If you cannot make pair setting when you enter "0000", see the documentation of your Bluetooth device.

- Make sure that the Bluetooth function and Bluetooth detection function of the target device are on in advance.

1 From the Home screen, [apps folder]▶[Settings]▶[Device connection]▶[Pair new device].
- Detected Bluetooth device names are displayed in "Available devices".

2 Tap a name of Bluetooth device for pairing.

3 Confirm the Bluetooth pairing code (pass code) on the confirmation screen▶[PAIR].
- Paired Bluetooth device names are displayed in "Currently connected".

■ When pairing request is sent from a Bluetooth device

Confirm the Bluetooth pairing code (pass code) on the confirmation screen and then tap [PAIR].

❖**Information**
- To change the other party's Bluetooth device name or specify the use purpose to the device, tap a name or ⚙ on the right of paired Bluetooth device name.
- To unpair, tap a name or ⚙ on the right of the Bluetooth device to be unpaired▶[FORGET]▶[FORGET DEVICE].

Connecting the terminal with a Bluetooth device

1 From the Home screen, [apps folder]▶[Settings]▶[Device connection].

2 [See all]▶Tap the name of Bluetooth device you want to connect.

Disconnecting a Bluetooth device

1 From the Home screen, [apps folder]▶[Settings]▶[Device connection].

2 Tap a name of connected Bluetooth device.
- When ⚙ is displayed on the right of a name of the Bluetooth device, tap ⚙.

3 [FORGET].
- To reconnect, tap [CONNECT].

Sending/Receiving data via Bluetooth function

Turn on Bluetooth function in advance, then pair with a target Bluetooth device.

Sending data via Bluetooth function

1 [Bluetooth] from the sharing menu of each application.

2 Tap the other Bluetooth device.

Receiving data

1 Send data from the other Bluetooth device.

- appears on the status bar.

2 Drag the status bar down ▶[Incoming file]▶[ACCEPT].

❖Information

- To view received data, from the Home screen, tap [apps folder]▶[Settings]▶[Device connection]▶[Connection preferences]▶[Files received via Bluetooth].

External device connection

Connecting to PC

Connect to a PC to exchange data between the internal storage or the microSD card and a PC.

❖Information

- Appeared screen may vary depending on the operating system (OS) of a PC.
- You may not be able to operate copyrighted data of images, music, etc.

Connecting to PC with USB cable A to C

- The following operating systems (OS) are supported.
  - Microsoft Windows 10
  - Microsoft Windows 8.1

1 **Connect the terminal to a PC with USB cable A to C 02 (optional) etc. (P.46).**

- When a screen for installing driver software appears, wait for a while until the installation is complete.
- When the confirmation screen of installing software appears on the terminal, tap [SKIP] or [CANCEL].

2 **[ALLOW].**

- The terminal is displayed on the PC screen as a portable device and you can access the internal storage and a microSD card in the terminal.
- Tap [DENY] to only charge the terminal.

❖Information

- To change the USB connection mode, drag the status bar down▶Tap the notification of USB connection mode and then select a USB connection mode.

Removing USB cable A to C safely

- Do not remove the USB cable A to C during while transferring data. Data may be damaged.

1 Confirm that it is not transferring data, remove the USB cable A to C from the terminal and a PC.

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. You do not need to change the settings of call and SMS. For details of International Roaming Service (WORLD WING), refer to NTT DOCOMO website.
https://www.nttdocomo.co.jp/english/service/world/roaming/

Supporting networks

You can use the terminal in the service area for the LTE network, 3G network and GSM/GPRS networks. Services are also available in countries and areas supporting 3G 850MHz/GSM 850MHz.

❖Information

- For Country codes, International call access numbers, Universal number international prefix, supported countries/areas and network operators, refer to NTT DOCOMO website.

Available overseas service

Main communication services	LTE	3G	3G850	GSM (GPRS)
Phone	○	○	○	○
SMS	○	○	○	○
Packet communication*	○	○	○	○

* To use packet communication during roaming, setting "Data roaming" to ON in Mobile network is required (P.220).

❖Information

- To use +Message application overseas, setting on +Message application is required (P.121).
- Some services are not available depending on the overseas network operator or network.
- You can check the name of the connected network operator in "Quick settings panel" (P.72).

Before using overseas

Before leaving Japan

To use the terminal overseas, check the following in Japan.

Subscription

- Check if you subscribe WORLD WING. For details, contact "General Inquiries" on the last page.

Charging

- For charging, refer to NTT DOCOMO website.

Usage charge

- Overseas usage charges (call and packet communication) differ from those in Japan. For details, refer to NTT DOCOMO website.
- Some applications perform communication automatically. Packet communication charge may be higher. For operations for each application, ask the application provider.

Advance preparation

Network service settings

If you subscribe to network services, you can use network services such as Voice Mail Service, Call Forwarding Service, Caller ID Display Request Service, etc., even overseas. However, some network services cannot be used.

- To use network services overseas, you need to set "Remote operation settings" (P.109) to "Activate Remote operation". You can set Remote operation settings in the country you stay (P.225).
- 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, the terminal connects an available network automatically.

Connectivity

When "Automatically select network" (P.220) is set to ON, the most suitable network will be selected automatically.

Settings for overseas use

Setting data roaming

To perform packet communication overseas, setting "Data roaming" to ON in Mobile network is required.

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network].**

2 **of "Data roaming"▶Read the notes and tap [OK].**

Setting network

By default, the terminal automatically searches available network and connect to it. To switch network manually, set as follows.

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet]▶[Mobile network]▶[Advanced].**

2 **of "Automatically select network".**
- If the note appears, tap [OK].
- Perform network search.

3 **Tap a network from available networks.**

❖Information

- If you set a network manually, the terminal is not reconnected to another network automatically even if you move out of the network area.
- To set "Automatically select network" to ON, in Step 2, tap of "Automatically select network".

Setting the preferred network type

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet].**

2 **[Mobile network]▶[Advanced]▶[Preferred network type].**

3 **Select the preferred network type to set.**
- Select "5G/4G/3G/GSM" to switch available network type automatically.

Using VoLTE during international roaming

Set to enable VoLTE when VoLTE is available during international roaming.

1 **From the Home screen, [apps folder]▶[Settings]▶[Network & internet].**

2 **[Mobile network]▶ of "4G Calling".**

Date & time settings

When "Use network-provided time", "Use network-provided time zone" in "Date & time" are ON, the date, time and time differences of the terminal clock are corrected by receiving the information related to time and time differences from the network of overseas network operator you connect to.

- Correction of the time/time differences may not be performed correctly depending on the network of overseas network operator. In that case, set time zone manually.
- Timing of correction varies by the overseas network operator.
- Setting Date & time (P.208)

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. For inquiries, refer to the last page. You can also 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 number" or "Universal number international prefix" for the country is needed.

Making/Receiving a call in the country you stay

When you arrive overseas and turn on the terminal, an available network is automatically set.

- Check that the battery and signal levels are high enough.
- Depending on the network operator, even if the Caller ID notification is active, the caller ID may not be notified or appear properly.
  In this case, calls cannot be made from the call history.

Making a call to outside country you stay (including Japan)

You can make calls from country you stay to the other country using the international roaming service.

- You can easily make international calls from the country you stay to Japan or to other countries by entering prefix " + " and then the country code and phone number.

1 **From the Home screen, ▶ .**

2 **Dial + (touch and hold [0])▶Enter Country code, Area code (City code), a phone number in the order.**

- If the area code (city code) begins with "0", omit "0". However, "0" may be required to dial to some country or area such as Italy.
- To call an overseas "WORLD WING" user, enter "81" (Japan) for the country code.

3 .

4 **When the call is finished, .**

Making an international call using International dial assist

You can make international calls from country you stay to the other county with simple operation by using International dial assist.

- Set "Auto conversion" (P.225) of International dial assist to ON in advance.
- A leading "0" of an area will be converted to a country code which is set in advance.

1 **From the Home screen, ▶ .**

2 **Enter the area code (city code) and other party's phone number.**

3 .
- When the International dial assist screen is displayed, tap [CALL].

4 **When the call is finished, .**

Making a call within the country you stay

You can make a call by entering the phone number of the other party's land-line phone or mobile phone in the same way you do in Japan.

1 **From the Home screen, ▶ .**

2 **Enter a phone number.**
- To make a call to land-line phone, enter the area code (city code), other party's phone number in order.

3 .
- When the International dial assist screen is displayed, tap [CALL ORIGINAL].

4 **When the call is finished, .**

Making a call to WORLD WING user overseas

When the other party uses international roaming service, make a call as an international call to Japan even when you stay in the same country as the other party.
- Since that is communication via Japan regardless of country you stay, enter prefix "+" and "81" (country code of Japan) and then phone number without leading "0" to make calls like international calls to Japan.

Receiving a call in the country you stay

You can receive calls with the same operation as that in Japan even when you stay overseas.

1 **Swipe (flick) up on the incoming screen.**

2 **When the call is finished, .**

❖Information
- When you received a call during international roaming, regardless of which country the call is from, it is forwarded internationally from Japan. A caller is charged for communication to Japan, and the receiver is charged for reception.

Making a call from the other party

Having someone make a call from Japan to the country you stay

To have the other party make a call from a land-line phone or mobile phone in Japan to the terminal in the country you stay, the other party only needs to dial the phone number as in Japan.

Having someone make a call from other than Japan to the country you stay

You have to receive a call through Japan no matter where you are; therefore, the other party needs to enter the international call access number and "81" (Country code of Japan).

International access number - 81 - 90 (or 80, 70) - XXXX - XXXX

International roaming settings

Make settings for using international roaming services.

- For some overseas network operators, settings may not be made.

1 **From the Home screen, ▶ ⋮.**

2 **[Settings]▶[Calls]▶[Roaming settings].**

Restricting incoming calls	Set to restrict incoming calls during international roaming.
Incoming calls notification	Set to notify via SMS if you cannot receive calls because of out of service etc. during international roaming.
Roaming guidance	Set to notify a caller of international roaming with a guidance indicating it is a call during international roaming.
International dial assist	P.225
Network service	P.225

Setting International dialing assist

1 From the Home screen, ▶ ⋮.

2 [Settings]▶[Calls]▶[Roaming settings].

3 [International dial assist].

Auto conversion	Set whether to automatically add the country code set in "Country code".
Country code	Select a country code used for auto conversion.

Setting Network service (overseas)

Set network service such as voice mail from overseas.

- You need to set "Remote operation settings" (P.109) to "Activate Remote operation" in advance.
- If you make the settings overseas, you are charged a call fee to Japan from the country you stay.
- For some overseas network operators, settings may not be made.

1 From the Home screen, ▶ ⋮.

2 [Settings]▶[Calls]▶[Roaming settings].

3 [Network service]▶Select a target service.

Remote operation (charged)	Set whether to start Remote operation.
Caller ID request (charged)	Play a guidance asking for notifying caller ID when there is an incoming call without caller ID.
Incoming call notific. (charged)	P.224
Roaming guidance (charged)	P.224
Voicemail (charged)	Take messages from callers when you are in a place the radio wave does not reach or turn off the terminal. Separate subscription is required.
Call forwarding (charged)	Forward incoming calls to another mobile phone etc. that is registered in advance. Separate subscription is required.

4 Follow the onscreen instructions to operate.

5 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

Turn off "Data roaming" (P.220).

If you cannot connect to DOCOMO network automatically after returning to Japan

- Set "Preferred network type" (P.221) to "5G/4G/3G/GSM".
- Turn on "Automatically select network" (P.220).

Appendix

Troubleshooting

Troubleshooting

- When you have a vague idea of malfunctioning, you can perform diagnosis by yourself.
  For details, refer to NTT DOCOMO website.
- Check if the software update is necessary for the terminal. If necessary, perform the software update (P.236).
- When checking the following items not to improve the state, contact the phone number given in "Repairs (Inquiries/Request)" on the last page of this manual (in Japanese only) or a DOCOMO-specified repair office.

Power supply

Phenomenon	Cause and handling
Cannot power on the terminal	Check if the battery is not run out. →P.42
Screen is frozen, or the power cannot be turned off	When the screen freezes or the power cannot be turned off, press and hold the power key and the volume up key at the same time for approximately 9 seconds and release it when the terminal vibrates 3 times consecutively to force stop. * Note that some data and settings may be erased due to force-quit operation.

Charging

Phenomenon	Cause and handling
Cannot charge (The notification LED does not turn on, or the icon does not indicate charging status)	• Check if the adapter's power plug is correctly inserted to a power outlet or accessory socket. • Check if the adapter and the terminal are set correctly.→P.44 • When using an AC adapter (optional), check if the Type-C plug of the AC adapter is connected to the terminal correctly.→P.44 • When using the USB cable A to C 02 (optional), check if a PC is turned on. • If you execute calls, communications or other function operations for a long time while charging, the terminal may become hot and the notification LED turns off (charging stops) or battery level may become low. In this case, wait until the temperature of the terminal drops and charge again.
The notification LED blinks in red and the terminal cannot be operated	When the battery level is low, charge the battery.→P.42

Phenomenon	Cause and handling
Battery Care charging does not start	For Auto setting, Battery Care charging does not start unless its learning is complete from finding regularity in your charging habit. Set Custom so that you can start Battery Care charging at specified time zone.→P.43
Cannot charge fully	If you remove charging equipment during Battery Care charging, the terminal may not be fully charged. To charge fully, switch to normal charging. →P.43

Terminal operation

Phenomenon	Cause and handling
Become hot while operating/ charging	• While calling, depending on the radio wave condition or call duration time, the terminal may become hot around the earpiece/speaker. This condition is not abnormal. • While operating or charging, or if you use applications, record videos, etc. for a long time while charging the battery, the terminal, internal battery or adapter may become hot. It is not a problem for operation. You can continue to use the terminal. • When the temperature of the terminal is raised, a message appears on the Notification panel and some applications or services may become unavailable. In this case, wait until the temperature of the terminal drops and use again.

Phenomenon	Cause and handling
The operation time provided by the battery is short	• Is the terminal left for a long time under the state of out of service area? Out of service area, a lot of power is consumed to search available radio waves. If you are out of service area for a long time, set Airplane mode or power off the terminal.→P.47, P.180 • The operating time of the battery varies depending on the operating environment and the degradation level of the internal battery.→P.244 • The internal battery is a consumable part. Each time the internal battery is recharged, the battery usage time per one charge gradually decreases. If the operation time becomes too short even in fully charged state, contact "Repairs (Inquiries/ Request)" on the last page (in Japanese only) or a DOCOMO-specified repair office. • Check if multiple applications are activated. Exit the unused applications.→ P.99 • When the Wi-Fi function or Bluetooth function is not used, turn off the setting. →P.172 , P.213 • When STAMINA mode is set, the operations and a part of functions of the terminal are restricted so that the consumption of the battery power can be reduced.→P.187

Phenomenon	Cause and handling
Operations are not possible when tapping or pressing keys	• Check if the power is turned off. →P.47 • Check if you activate the screen lock.→P.197
The screen reacts slowly when you tap or press the keys	When large amount of data is saved in the terminal or transferring large-size data between the terminal and microSD card, the reactions on the screen may be delayed.
The docomo nano UIM card is not recognized	Check if the docomo nano UIM card is attached in the right direction.→P.36
The clock is not on time	The clock time may become wrong when the power is turned on for a long time. Check that "Use network-provided time", "Use network-provided time zone", or "Use locale default" is ON and then turn on the power of the terminal again in a place with good signal condition.→P.47, P.208

Phenomenon	Cause and handling
The terminal operation is unstable	Instability may be caused by applications that you installed after purchasing the terminal. If the symptom is improved when you boot the terminal in safe mode (near default state), uninstalling the installed application may improve the symptom. To boot the terminal in safe mode, press and hold the power key for at least 3 second with the terminal OFF until docomo logo appears, and then press and hold the volume down key for a while. When the power is turned on, press and hold the power key for at least 1 second▶Touch and hold [Power off]▶Tap [OK] to restart the terminal in Safe mode. When safe mode is booted, "Safe mode" is displayed at the lower left of the screen. To exit the safe mode, turn power OFF and then ON. * Back up necessary data before using safe mode. * Some applications or widgets may not be shown. * Safe mode is not a normal active state. To use ordinarily, exit from the safe mode.

Phenomenon	Cause and handling
Applications cannot be operated properly (applications cannot be activated, or errors occur frequently)	• Are there any applications being disabled? Enable disabled applications, then retry.→P.185 • Are the permissions for the application granted?→P.61, P.183

Phone call

Phenomenon	Cause and handling
Cannot make a call even if you tap	Check if you activate Airplane mode.→P.180
The ringtone does not sound	• Is "Ring and notification volume" set to the minimum?→P.193 • Check if the following functions are activated. - Silent mode→P.58 - Airplane mode→P.180 • Is the ring time for Voicemail service or Call forwarding service "0 sec"?→P.108 • Check if Pick up after in Answering Machine is set to "0 seconds".→P.107 • Check if you set Call Blocking.→P.109

Phenomenon	Cause and handling
Cannot call (Even when moving, does not disappear, or although radio waves are enough, making/receiving calls is unavailable.)	• Turn the power OFF and ON, or remove and attach docomo nano UIM card.→P.36, P.47 • Due to the nature of radio waves, making/receiving calls may be unavailable even when "not out of service area" or " appears on the display for the radio wave condition". Move to the other place and call again. • Check if you set Call Blocking.→P.109 • Due to the crossing of radio waves, at the crowded public places, calls/mails are crossed and the connection status may not be good. Move to other place or call again at other time.

Display

Phenomenon	Cause and handling
The display is dim	• Check if "Screen timeout" is set in short time period.→P.188 • Check if the brightness of screen is changed.→P.189 • When "Adaptive brightness" is ON, screen brightness is changed according to the ambient brightness.→P.188 • Check if you cover the Proximity/Light sensor with a sticker etc.→P.34 • When the temperature of the terminal becomes high while using, the display may become darker. It is not abnormal.

Sound

Phenomenon	Cause and handling
During a voice call, I cannot hear the other party's voice clearly, or the other party's voice is heard too loud	Check if the listening volume is changed.→P.105, P.193

Camera

Phenomenon	Cause and handling
Photos and videos taken with the camera are blurred	• Check if clouds, dirt or film attach to the lens of camera. • Set "Video stabilization" and then shoot.→P.138
Photo or video shot with flash is whitish	If there is your finger or cover around the camera lens, flash light may reflect and affect photo or video shooting.

TV

Phenomenon	Cause and handling
Unable to watching Full seg/1seg	• Are you out of terrestrial digital TV broadcasting service area or in a place where the airwaves are weak? • Check if channels of the current location are saved.→P.159

Osaifu-Keitai

Phenomenon	Cause and handling
Osaifu-Keitai function is unavailable	• When Omakase Lock is set, Osaifu-Keitai functions are unavailable regardless of the NFC/Osaifu-Keitai lock ON/OFF or Osaifu-Keitai lock (UIM card) settings. • Check if NFC/Osaifu-Keitai lock ON/OFF is set.→P.152 • Check if "NFC/Osaifu-Keitai" is OFF.→P.151 • Check if Osaifu-Keitai lock (UIM card) is set.→P.153 • Check if you hover mark over an IC card reader.→P.151

International roaming

Phenomenon	Cause and handling
Cannot use the terminal overseas (when ▟ is displayed)	Do you subscribe to WORLD WING? Check if you subscribe to WORLD WING.
Cannot use the terminal overseas (when ▟ is displayed)	• Check if you are out of the international roaming service area or in an area with poor radio waves. Check if the service area and network operator are available or not, refer to NTT DOCOMO website. • Change the network settings or overseas network operator settings. - Set "Preferred network type" to "5G/4G/3G/GSM".→P.221 - Turn on "Automatically select network". →P.220 • Turning the power off and on may solve the problem.→P.47
Cannot perform data communication overseas	Turn on "Data roaming".→P.220
The terminal suddenly became unavailable while using overseas	Check if usage amount exceeds the limit of maximum charges for use. For use of "International roaming (WORLD WING)", the limit of maximum charges for use is set in advance. If the limit of maximum charges for use is exceeded, pay the charges.

Phenomenon	Cause and handling
Cannot receive calls overseas	Is "Restricting incoming calls" set to "Activate restriction"?→P.224
No caller ID is notified/A notified caller ID is different from that of the caller/ Functions for using contents saved in phonebook or those for using Caller ID notification do not operate	Even if a caller notifies its caller ID, it is not displayed on the terminal unless the network or network operator notifies it. And a different caller ID may be notified depending on the network or network operator you use.

Data management

Phenomenon	Cause and handling
Data transfer is not performed	Check if USB hub is used. If you use USB hub, operations may not be performed correctly.
Data saved in microSD card is not displayed	Remove and attach the microSD card.→P.39
Images are not shown correctly.	When image data is broken, it cannot be displayed correctly, for example, a black screen appears.

Bluetooth function

Phenomenon	Cause and handling
The terminal cannot be connected to a Bluetooth device/A Bluetooth device cannot be found by search	Allow Bluetooth device (commercially available) to be detectable and then make pairing with the device on the terminal. If you want to cancel a paired device and then make the pair setting again, cancel the pair settings on both the terminal and the Bluetooth device (commercially available).→P.213
Calls cannot be made from the terminal when it is connected to an external device such as car navigation or handsfree 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 terminal off and on.

External device connection

Phenomenon	Cause and handling
An external device which is connected via USB cable A to C cable etc. is not recognized	• Reconnect the external device. However, some devices may not be detected. • When moisture is detected on the USB Type-C jack, automatic detection of USB device is disabled and an external device cannot be recognized. Check that any water droplet is not on the USB Type-C jack, connect the USB device, and then tap the displayed message. →P.182
The terminal is not seen on the display of connected device	Use DisplayPort compatible USB Type-C cable (commercially available). Otherwise, the screens cannot be appeared on a display of connected device.

Map/GPS

Phenomenon	Cause and handling
Cannot set AUTO-GPS service information	• Check if the battery level is low and AUTO-GPS function stops. If AUTO-GPS stops due to "Low-power operation settings", AUTO-GPS service information cannot be set. In this case, set "Low-power operation settings" to "Not suspend" or charge the battery.→P.42 , P.201 • Check if "AUTO-GPS operation settings" is marked.→P.201

Error messages

Error messages	Cause and handling
No service	• The terminal is out of service area, or radio wave does not reach. Move to a location where radio wave can be reached. • The docomo nano UIM card is not working properly. Removing and inserting docomo nano UIM card may solve the problem. If the problem persists, contact "Repairs (Inquiries/Request)" on the last page of this manual (in Japanese only).
Mobile network not available	Install docomo nano UIM card correctly (P.36), then move to a location where radio wave reaches.
Normal calls restricted by access control	Appears when normal voice call service is hard to receive because communication lines are busy.
Calls restricted by access control	Appears when normal/ emergency voice call service is hard to receive because communication lines are busy.
No voice service	Appears when normal voice call service is not available.
No voice service or emergency calling	Appears when normal/ emergency voice call service is not available.
No mobile data service	Appears when the data service is not available.

Error messages	Cause and handling
SIM card is locked	Enter your PIN code (P.51) correctly.
SIM card is PUK-locked	Enter your PUK (PIN Unlock Key) (P.52) correctly.
PIN lock disable code is locked.	PIN Unlock Key is locked. Please contact a docomo Shop.
Storage space running out	Available memory of the internal storage is getting low If you continue to use the terminal, some functions or applications may not work. Uninstall (P.184) unnecessary applications.
Memory full	There is no memory space in the internal storage or microSD card. Delete unnecessary data (P.212) to save the memory space.

Software Update

Software Update

Software update* is a function which updates the software so as to use the terminal safer and more comfortable. The followings are included. Be sure to update the software to the latest one.
There are the following 4 types' updates for Software update.

* On the terminal, it is displayed as System update.

- Android OS version upgrade
  Upgrade Android OS and the version of the pre-installed applications to improve the function/operability/quality resulting in using the terminal more comfortable and safer.
- Adding new functions
  Update the preinstalled applications or functions of the terminal to improve the function/operability resulting in using the terminal more comfortable.
- Improving quality
  Update the preinstalled applications or functions of the terminal to improve the quality resulting in using the terminal more comfortable.
- Security patch update
  Update the security patch so that the software for dealing with the vulnerability can be applied. You can use the terminal more safely if it is applied.

For detail of the updates which provided to the terminal and the period, refer to NTT DOCOMO website.

Terms of use

- To use packet communication via 5G/Xi, set the access point in Mobile network setting to spモード (sp-mode).
- For using packet communication via 5G/Xi, the communication charge for downloading is not applied.
- To execute the software update overseas, Wi-Fi connection with docomo nano UIM card insertion is required.
- When the software is modified, update is not available.

Updating the software

Starting the update

To start updating, perform the either operation in the following.

- From the update notification
  From the status bar of the terminal, tap the notification to start updating.
- From the screen which appears on a regular basis
  When updating the terminal is available, the confirmation screen may appear.
  Select the operation in the confirmation screen to proceed with the update.
- From the Settings menu
  From the Home screen, [apps folder]▶[Settings]▶[System]▶[Advanced]▶[System update] to start updating.
  If the update is not needed, "Your system is up to date" appears.

Flow of updating

Updating can be executed as follows. For detail operation steps, follow the onscreen instructions on the terminal.

1 Download an update file and install.

- Depending on update type, downloading an update file and installing will be executed automatically.
- The notification or confirmation screen may appear before downloading and installing the update file. When either screen appears, follow the onscreen instructions to proceed the system update.

* Although the message of incurring the communication charge may appear, the charge will not be applied if you set your access point to sp-mode.

2 Restart.

- Whenever the update is prepared, the notification or confirmation screen appears.
  Tap [Restart now] to restart the terminal soon.

3 Notification of update completion.

- When the update is complete, the completion screen appears on the terminal.
- After the Android OS version upgrade, check if there are updates of the applications that you have installed personally. Without updating them, operations may become unstable or functions may not work properly.

Notes

- Once the software update is complete, you cannot restore the previous software.
- While the software is updating, the unique information of the terminal (model, serial number, etc.) is sent to the server of DOCOMO. DOCOMO does not use the sent information for purposes except software update.
- While the software is updating, each function may not be available temporarily.
- By executing software update, some settings may be initialized. Make the settings again.
- If PIN code is set, PIN code entry screen appears while the terminal is restarting after the rewriting process. Enter PIN code.
- If the software update failed and all operations are disabled, please contact a DOCOMO-specified repair office or Online Repair Acceptance Service (in Japanese only).
- Although the software update can be done with data saved to the terminal; the data may not be always safe depending on the conditions of your terminal (such as malfunction, damage, or water leak). DOCOMO recommends backing up necessary data in advance. Availability of data backup for each application varies by application. For procedure of data backup for each application, contact the developer of application.

- Software update is unavailable in the following cases. Solve the phenomenon and then retry.
  - During a call
  - When date and time are not set correctly
  - When the remaining battery is not sufficient
  - When the available memory is not sufficient in the internal storage
  - During International roaming
- Do not turn off the terminal while updating the software.
- Stay in a place with good radio wave condition when downloading the update file. The update may be canceled if the radio wave condition is not good enough.

Connecting to a PC to update

Install a software for "Software update" beforehand.
For methods of software installation, refer to the following website.
https://www.sonymobile.co.jp/support/ (in Japanese only)

Warranty and After Sales Services

Warranty

- The terminal comes with a year's warranty starting from the date of purchase.
- TV Antenna cable SO02 is not covered by the cost-free repair warranty.
- The specifications and the outer appearance of the terminal, including the accessories, are subject to change for improvement without prior notice.
- Data saved in the Contacts etc. may be changed/lost due to the trouble/repairs or handling of the terminal. DOCOMO recommends making a copy of the Phonebook data etc., in case.

* You can save Phonebook data in a microSD card inserted to the terminal.

* Data such as phonebook entries can be backed up by using docomo cloud.

Free repair service provisions

① In case the product has a malfunction under normal-use conditions in line with the directions given in the instruction manual etc., it will be repaired free of charge on the condition that the warranty period has not expired. (In some cases, the product may be replaced with the substitute.)

② Even if the warranty period has not expired, a fee will be charged for repair under the following circumstances.
1. The malfunction or damage is due to modification (including alteration of software) of the product.
2. The malfunction or damage is due to damage of the terminal body, display, external connection jack, etc. caused by being dropped or subjected to an external pressure, or the malfunction or damage is due to breakdown or deformation of the internal circuit board of the terminal.
3. The malfunction or damage is due to fire, pollution, abnormal voltage, earthquake, thunder, wind and flood damage or other natural disaster, etc.
4. The malfunction or damage is due to connected devices other than specified or consumable items.
5. The malfunction or damage is due to water infiltration, wetting is detected by wetting detectable sticker of the terminal, signs of submergence or water stain is found, or corrosion by condensation is found.
6. The product has been repaired by other than a repair counter specified by DOCOMO.

③ This warranty is valid only in Japan.

④ This warranty guarantees repair free of charge during the period and under the conditions specified on this warranty card. Thus this warranty does not limit the legal rights of the owner.

⑤ If several malfunctions are detected on the collected terminal, all of malfunctions will be repaired because the quality of the product cannot be guaranteed by a partial repair. In that case, repair may be out of the warranty of free charge repair.

⑥ The software of the terminal is updated to the latest one when operation confirmation test is performed without regard to repair.

⑦ Please find repaired part and repair date on the repair report that is handed over upon completion of repair.

<Sales>
NTT DOCOMO, INC.
11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo

After Sales Services

If you have problems with the terminal

Before asking repair, see "Troubleshooting" (P.227) in this manual to check the problem. If the problem still persists, contact "Repairs (Inquiries/Request)" on the last page (in Japanese only).

If repair is required resultingly

Bring the terminal to the DOCOMO-specified repair office. However, it must be taken during business hours of the repair office. Note that repair may take some days depending on the problem.

■ If the warranty period expires

We will repair the terminal at the owner's expense.

■ Parts stock period

The functional parts necessary to repair the terminal will be basically available for a minimum of 4 years after the manufacture is discontinued.
For repair acceptance conditions, refer to NTT DOCOMO website.
However, depending on the defective portion, repair may not be possible because of a shortage of repair parts. For details, contact DOCOMO-specified repair office.

Precautions

● **Never modify the terminal or accessories.**
- Doing so may result in fire, injuries or malfunctions.
- 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 considered as modifications.
  - Put a seal etc. on the display or key part
  - Glued decorations on the terminal using adhesion bond, etc.
  - Change the parts such as exterior to other than DOCOMO standard parts
- Malfunction and damage due to modifications will be repaired at the owner's expense, even if the warranty period is still effective.

● **Note that the settings and other information may be reset (cleared) as a result of malfunction, repair or other handling. In this case, make the settings again. In that case, packet communication charge may incur depending on the settings.**

- After the repair, Wi-Fi MAC address or Bluetooth address may be changed regardless of the repaired parts.
- Take care not to let an object that is easily affected by magnetism, such as a cash card near the terminal because the card may become unavailable.
- The terminal is waterproof. However, if inside of the terminal gets wet or moist, turn the power off and then bring the terminal to a DOCOMO-specified repair office as soon as possible. Note that repair may not be possible depending on the condition of the terminal.

Created data and download information

Note that data you created, or retrieved or downloaded from sources other than your terminal may be changed, lost, etc. when you change the terminal model or ask repairs. DOCOMO shall have no liability for any change or loss. DOCOMO shall have no liability for packet communication charge for re-downloading data. Under some circumstances, DOCOMO may replace your terminal with its equivalent instead of repairing it. In that case, such data cannot be transferred to the replaced product except for a part.

あんしん遠隔サポート(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 applications, or connect peripheral devices such as PC. (in Japanese only)

- This service is not available when your docomo nano UIM card is not inserted, during international roaming, or in Airplane mode.
- Anshin Enkaku Support is a paid service requiring subscription.
- Some operations and settings are not supported.
- For details on Anshin Enkaku Support, refer to NTT DOCOMO website.

You can use the Q&A site dedicated to Anshin Enkaku Support subscribers, or LINE for inquiries of the operator.

- The screen-sharing service is not available when using LINE for inquiries.

Sharing screens with the operator (for inquiries on phone)

1 **Call あんしん遠隔サポートセンター (Anshin Enkaku Support center).**

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 make a call to the Anshin Enkaku Support center 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 (Call for inquiries)]▶.

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 the connection screen)]▶[同意する (Agree)].**

4 **Enter the connection number notified by DOCOMO▶[開始 (Start)].**

5 **Enkaku support starts when you are connected.**

Checking in Q & A site

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 (Check with Q&A site/app)].**

Inquiring via 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 (Inquire via LINE)].**

Main specification

Changes may occur because of software update, etc. For the latest information, refer to NTT DOCOMO website.

The terminal

Product name		SO-52A
Size		Height : Approx. 166 mm, Width : Approx. 72 mm, Thickness : Approx. 7.9 mm (Thickest part : Approx. 9.1 mm)
Weight		Approx. 181 g
Display	Size	Approx. 6.5 inches
	Type	Organic EL X1™ for mobile
	Resolution (pixel, width × length)	4K (1644×3840)
	Colors	16,777,216 colors
Internal memory		RAM : 8GB ROM : 128GB*1
Battery capacity*2		4000mAh
Continuous stand-by time (stationary)*3 *4	4G (LTE)	Approx. 300 hours
Continuous call time*4*5	4G (LTE)	LTE (VoLTE) : Approx.1,240 min. LTE (VoLTE (HD+)) : Approx.1,230 min.
Charging time		AC Adapter 07 : Approx. 135 min.
Wireless LAN	Standards	Compliant with IEEE802.11a/b/g/n/ac/ax (Corresponding frequency band to IEEE802.11n/ax : 2.4GHz/5GHz)
	MIMO support	○ (2×2MIMO)
	MU-MIMO (client) support	○
	MIMO Standards	IEEE802.11n/ax (2.4GHz/5GHz), IEEE802.11ac (5GHz)
	MU-MIMO (client) standard	IEEE802.11ac/ax

Bluetooth	Version	5.1[*6]
	Radio power	power class 1
	Supported profile Codec[*7] (version)	HFP (1.7) (mSBC: 16kHz), HSP (1.2), OPP (1.2), SPP (1.2), HID (1.0), A2DP (1.3) (LDAC/aptX Adaptive/aptX HD/aptX/AAC/SBC), AVRCP (1.6), PBAP (1.2), PAN (PAN-NAP (1.0)/PANU (1.0)), HOGP (1.0), MAP (1.4)
Earphone-microphone jack	Diameter for connector	3.5 ϕ earphone jack
	Number of pole[*8]	4-pole
Camera		
Image pickup device	Type	Camera ① : Back-side illumination CMOS Camera ② : Back-side illumination CMOS Camera ③ : Back-side illumination CMOS Front camera : Back-side illumination CMOS
	Size	Camera ① : 1/2.5 inches Camera ② : 1/3.4 inches Camera ③ : 1/1.7 inches Front camera : 1/4.0 inches

Effective pixels		Camera ① : Approx. 12.2 million pixels Camera ② : Approx. 12.2 million pixels Camera ③ : Approx. 12.2 million pixels Front camera : Approx. 8 million pixels
Recording pixels		Camera ① : Approx. 12.2 million pixels Camera ② : Approx. 12.2 million pixels Camera ③ : Approx. 12.2 million pixels Front camera : Approx. 8 million pixels
Recording file format	Video	MP4
	Still image	JPEG, DNG[*9]
Maximum recording time per one video		Approx. 360 min.[*10]
Zoom (digital)	Video	Camera : Up to approx. 3.0 x Front camera : —
	Still image	Camera : Up to approx. 3.0 x Front camera : —
Zoom (optical)	Video	Camera : Up to approx. 3.0 x Front camera : —
	Still image	Camera : Up to approx. 3.0 x Front camera : —

	Zoom (digital × optical)	Video	Camera : Up to approx. 9.0 x Front camera : —
		Still image	Camera : Up to approx. 9.0 x Front camera : —
Continuous 1seg watching time*11			Approx.740 min.
Continuous Full seg watching time*11			Approx.810 min.
Answering Machine		Savable number	No limit*12
		Maximum recordable time per one	Up to 60 sec.

*1 You cannot use all of the space of memory for saving data such as shot videos and still images, downloaded applications or data, etc. For available memory, see "Storage" (P.194).

*2 It is a battery capacity for providing an indication of continuous usage time etc.

*3 Continuous stand-by time is the estimated average operation time when the terminal is in stationary state with normal radio wave reception.
Continuous stand-by time varies greatly according to the terminal settings, usage environment, use frequency of calling/mail/camera, etc.

*4 When the use frequency of each function is high, actual usage time may be less than half.

*5 Continuous call time varies greatly according to the terminal settings, usage environment, use frequency of calling/mail/camera, etc.

*6 However, procedures may differ or data transfer may not be possible depending on the Bluetooth device's characteristics or specifications.

*7 Bluetooth standards for Bluetooth device connection procedure according to the product's applications.

*8 The terminal supports quadrupole headsets that are compliant with the CTIA standard.

*9 Only for Photo Pro. It is not available as of May, 2020. It is planned to be available sequentially by software update.

*10 Time of recording with Video size of 1920×1080 (Full HD).

*11 Indicated the time for watching in vertical screen and using earphone/microphone.

*12 The number of messages that can be stored depends on the amount of available memory on your terminal.

File format (media)

The terminal supports the display or playback of the following file formats:

Type	File format
Sound	AAC-LC (.mp4, .m4v, .3gp, .3gpp, .3g2, .3gpp2, .ts, .aac, .m4a), AAC+ (.mp4, .3gp, .3gpp, .3g2, .3gpp2, .ts, .aac), eAAC+ (.mp4, .3gp, .3gpp, .3g2, .3gpp2, .ts, .aac), AAC-ELD (.mp4, .3gp, .3gpp, .3g2, .3gpp2), AMR-NB (.3gp, .3gpp, .3g2, .3gpp2, .amr), AMR-WB (.3gp, .3gpp, .3g2, .3gpp2, .awb), FLAC (.flac), MP3 (.mp3), MIDI (.mid, .midi, .smf, .xmf, .mxmf, .rtttl, .rtx, .ota, .imy), Vorbis (.mkv, .webm, .mka, .ogg, .oga), PCM (.wav, .aiff, .aif, .aifc), Opus (.mkv, .webm, .mka, .ogg, .oga), ALAC (.m4a), DSD (.dsf, .dff, .dsd), Dolby Atmos/AC-4 (.mp4, .m4a), 360 Reality Audio Music Format (.m4a)
Still image	JPEG (.jpg, .jpeg), GIF (.gif), PNG (.png), BMP (.bmp), WBMP (.wbmp), HEIF (.heic, .heif), WebP (.webp), DNG (.dng), CR2 (.cr2), NEF (.nef), NRW (.nrw), ARW (.arw), RW2 (.rw2), ORF (.orf), RAF (.raf), PEF (.pef), SRW (.srw)
Video	H.263 (.mp4, .3gp, .3gpp, .3g2, .3gpp2), H.264 (.mp4, .m4v, .3gp, .3gpp, .3g2, .3gpp2, .ts, .mkv), H.265 (.mp4, .mkv), MPEG-2 Video (.ts), MPEG-4 Video (.mp4, .m4v, .3gp, .3gpp, .3g2, .3gpp2), VP8 (.mkv, .webm), VP9 (.mkv, .webm), AV1 (.mkv, .webm)

Display language

Bosnian/Catalan language/Czech/Danish/German/Estonian/English/Spanish/Filipino/French/Croatian/Indonesian/Icelandic/Italian/Latvian/Lithuanian/Hungarian/Malaysian/Dutch/Norwegian (language for books)/Polish/Portuguese/Romanian/Albanian/Slovakian/Slovenian/Serbian/Finnish/Swedish/Vietnamese/Turkish/Greek/Bulgarian/Kazakh/Macedonian/Russian/Ukrainian/Hebrew/Arabic/Persian (Dari language)/Marathi/Hindi/Bengali/Tamil/Telugu/Kannada/Malayalam/Thai/Korean/Japanese/Chinese (Simplified)/Chinese (Traditional)

Entry language

For available languages, refer to the following website.
https://goo.gl/fMQ85U

TV Antenna cable SO02

Size	Length Approx. 123mm (except metal jack)
Weight	Approx. 5g

Certificate and compliance

You can check details of certificate and compliance mark specific to the terminal (including certificate number/compliance number).

1 **From the Home screen, [apps folder]▶[Settings]▶[About phone].**

2 **[Certificates]**

VCCI

The terminal complies with a technical standards based on VCCI RULES FOR VOLUNTARY CONTROL MEASURES and the mark of conformity is depicted electronically on the screen.

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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 of SIM unlock procedure, refer to NTT DOCOMO website.

1 **Insert SIM card provided by other company.**

2 **Power on the terminal.**

3 **Enter the SIM unlock code▶ [UNLOCK].**

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Check usage charge, usage status, subscription information, or make various application online

The terminal: d メニュー (dmenu) ▶ [My docomo（お客様サポート）(My docomo (Customer support))]

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.
* To use "My docomo", "Network security code" and "ID/password of d ACCOUNT" are required.

Don't forget your mobile phone ... or your manners!

Remember to be courteous to others when you use your terminal.

Turn the power off when you are:

■ In places where use 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

■ Driving

Be careful about using the terminal while driving a car etc.

Unless required by laws and regulations, gazing at the screen of the terminal or holding the terminal in your hand for calling while driving is subject to penalties.

■ In places such as theaters, cinemas, and art galleries

Using the terminal in a public place, where you need to be quiet, annoys people around you.

Keep your voice and ring tone down

■ Keep your voice down in quiet places like restaurants and hotel lobbies.

■ If you are in an outdoor public place, make sure you do not disturb others.

Respect privacy

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

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 and stay in a safe place and then use smartphone.

Have good manners

【Silent mode】(P.58)

Silent mode mutes the sounds of the terminal such as the operation sounds and the ringtone.

* Shutter sound cannot be muted.

【Public mode (power OFF)】(P.109)

Tells the caller via a guidance message that receiver need to turn the power off, and the call ends automatically.

【Vibrate】(P.193)

Vibrates when there is an incoming call.

【Answering Machine】(P.107)

When you cannot answer a call, the terminal records a message from the caller.

You can also use optional services such as the Voice Mail Service (P.108) and Call Forwarding Service (P.108).

We collect old phones, etc. regardless of brands and manufacturers. Bring them to your nearest docomo Shop.

* Items to be collected: mobile phones, PHS, battery packs, chargers, desktop holders (regardless of brands and manufacturers)

General Inquiries
<docomo Information Center>

0120-005-250 (toll free)

*Service available in: English, Portuguese, Chinese, Spanish.
*Unavailable from part of IP phones.
(Business hours: 9:00 a.m. to 8:00 p.m.)

■From DOCOMO mobile phones (In Japanese only)

(No prefix) 151 (toll free)

*Unavailable from land-line phones, etc.

■From land-line phones (In Japanese only)

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 Applications 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.
●For Online Repair Acceptance Service (in Japanese only), refer to NTT DOCOMO website.
NTT DOCOMO website https://www.nttdocomo.co.jp/english/

Repairs (Inquiries/Request)

■From DOCOMO mobile phones (In Japanese only)

(No prefix) 113 (toll free)

*Unavailable from land-line phones, etc.

■From land-line phones (In Japanese only)

0120-800-000 (toll free)

*Unavailable from part of IP phones.
(Business hours: 24 hours (open all year round))

Inquiries while overseas (For loss, theft, phone malfunctions, etc.)

From DOCOMO mobile phones (In Japanese only)

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 "+".

(Business hours: 24 hours (open all year round))

From land-line phones

International call access number of your country of stay -81-3-6832-6600 (charges apply)

*Voice communication charges to Japan apply.
*For international call access number, refer to 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 the terminal.
●If the terminal you purchased is damaged, bring your terminal to a repair counter specified by DOCOMO after returning to Japan.

危険です、歩きスマホ。

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