



XPER A 10_{III} **SO-52B**

INSTRUCTION MANUAL

Introduction

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

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,   [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-52B is posted in the following website. Be sure to check before using.
<https://xperia.sony.jp/support/> (in Japanese only)

Operation descriptions

In this manual, key icons (P.55) 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 power key for at least 1 second.	Press and hold the power key on the side of the terminal for at least 1 second.
From the Home screen,    .	From the Home screen, tap  , and then tap  on the next screen.
From the Home screen,   [Settings]  [Display].	From the Home screen, tap  , 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-52B" 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.
- Some applications or services may not be available depending on your contract. For details, refer to NTT DOCOMO website.
- Contact to DOCOMO varies by your contract. For details on Inquiries, refer to the last page.
- In this manual, explanations for "docomo LIVE UX" as Home application are provided (P.80). 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-52B



- 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)

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.194).
- 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.182).
- 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

Camera

You can activate the camera from the icon of the "Camera" application or the camera icon on the lock screen.



You can easily shoot beautiful photos just leaving it to the camera with SUPERIOR AUTO which automatically determines the scene and condition to select most suitable setting, Panorama which can frame vast scenery to compose smooth and natural finishes, Portrait selfie which allows you to adjust effects while shooting, etc. → P.128

Audio (DSEE Ultimate)

This improves expression in high sound area and reproducibility of subtle sound thanks to Sony's special AI technology. Use headphones compatible with high-resolution audio to scale up compressed sound source to high sound quality which is equivalent with high-resolution audio. → P.176

Pop-up window

You can activate an application displaying the window over another application. That allows you to operate another application while displaying information you want to watch. → P.73

For details of the features, refer to the Xperia™ website (<https://xperia.sony.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 terminal is used improperly.

	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 assembly	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, and nano UIM card (common)

DANGER



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.



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.



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.26 "Waterproofness/Dustproofness"



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.26 "Waterproofness/Dustproofness"



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.



Do not attempt to remove the internal battery from the terminal.

Doing so may cause fire, burns, injury, electric shock, etc.



The back panel of the terminal cannot be removed. Do not attempt to remove it.

Doing so may cause fire, burns, injury, etc.



Do not disassemble or modify the equipment.

No disassembly

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.26 "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.26 "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 fall, 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.



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 or dust is 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.



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.26 "Waterproofness/Dustproofness"



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.



Keep the equipment out of the reach of babies and infants.

Especially be careful about a storage location for small parts such as the nano UIM card/microSD card tray.

Doing so may cause accidental ingestion, injury, electric shock etc.



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 videos, etc. for a long time or while charging. If you are directly in contact to a high temperature area for a long time, a redness of skin, itch, rash, low-temperature burn etc. may be caused depending on your physical condition.

2. Handling the terminal



DANGER



Do not throw the terminal into fire or apply heat.

Doing so may cause fire, burns, injury, etc.



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.



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



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.



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.



Do not watch a repeatedly-blinking screen for a long time.

Doing so may cause cramp, loss of consciousness, etc.



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 nano UIM card/microSD card slot of the terminal.

Do not insert the nano UIM card or microSD card into wrong slot or in wrong orientation.
Doing so may cause fire, burns, injury, electric shock, etc.



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.



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.



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.



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, ringtone or 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.



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.



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.



Power off the terminal when it is near electronic equipment which controls with high precision or handles 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.



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.



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.



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



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.



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.



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.



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 a 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.17 "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, 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 contains magnets. If he or she swallows the magnet, suffocation or serious symptom resulting from hurt of bowel etc. may be caused. 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 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



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.

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.



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

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 equipment.

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



Do not

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 nano UIM card



CAUTION



Do

Be careful of the cut surface not to hurt your body parts such as fingers when handling a 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.



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.



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)	Nylon resin (with glass fiber)	Coating
External case (Volume key/Zoom key, Google Assistant Key)	Polycarbonate resin	Coating
Exterior case (Cover of nano UIM card/microSD card slot)	Polycarbonate resin (with glass fiber)	Coating
Exterior case (Camera ring (around the main camera))	Aluminum alloy	Alumite treatment
Transparent plate (Display, back panel)	Hardened glass	AFP treatment
Transparent plate (Camera lens)	Hardened glass	AFP treatment + AR treatment
Power key/Fingerprint sensor	Epoxy resin	Coating
Earpiece (upper part) mesh	PET	—
Speaker (lower part) mesh	Polycarbonate resin	—
Rubber gasket of the cover of nano UIM card/microSD card slot	Silicon rubber	—

Part	Material	Surface treatment
Tray of nano UIM card/ microSD card	Polycarbonate resin (with glass fiber) + SUS sheet metal	PVD treatment

Handling precautions

Common precautions

- SO-52B 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 optional devices.

The adapter and the nano UIM are not waterproof/dustproof. Do not use in highly humid places such as a bathroom or where it is exposed to rain etc. 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, see "Warranty and After Sales Services" (P.223).

- Waterproofness/dustproofness may not be maintained if the terminal has defect in appearance such as damage or deformation. In that case, see "Warranty and After Sales Services" (P.223) and then inquire about it.
- 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, benzene, 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°C and 40°C (limited to the temporary use in a bathroom etc. when temperature is above 36°C) 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 or 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.

- Always keep the cover of 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 functions which use the proximity sensor may not work properly.

For a location of proximity, see the following.

⇒P.32 "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 its usable time is extremely shortened even in a full charge or when the internal battery is swollen. For replacement of the internal battery, DOCOMO keeps the terminal and accept for a fee. See "Warranty and After Sales Services" (P.223) because we accept as a repair request.

- Charge the battery in an environment with the proper ambient temperature (5°C to 35°C).
- 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
 - Charge the battery in an environment with the proper ambient temperature (5°C to 35°C).
 - 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.

■ nano UIM card precautions

- Do not apply unnecessary force to insert/remove the nano UIM card.
- Note that DOCOMO assumes no responsibility for any malfunctions resulting from inserting the 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 nano UIM card to a microSD card, a PC, 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 unnecessary 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 the nano UIM card or subject it to impact.
- Do not bend the nano UIM card or place a heavy object on it.

Doing so may cause malfunction.

- Do not insert the 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/XXB/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/region.

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 any questions, inquire of the contact 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 inquire of the contact 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, inquire of the contact 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 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 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/regions may restrict the use of the function. Check the regulations of the countries/regions before using it.

■ 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, [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-52B provides waterproofness property of IPX5^{*1}, IPX8^{*2}, and dustproofness property of IP6X^{*3} with the cover of nano UIM card/microSD card slot firmly installed.

- *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-52B

- 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 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°C-35°C) 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 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.30).
- 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.30).

- 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°C and humidity ranges between 45 and 99%.
- Sudden change in temperature may cause condensation. In case of bringing the terminal from a cold place to a warm place such as a bathroom, wait until the temperature of the terminal comes to room temperature.
- Do not splash hot water from a faucet or shower.
- Do not poke the earpiece, mouthpiece/microphone, speaker, second microphone, headset jack, USB Type-C™ jack, etc. with a sharp-pointed 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 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.

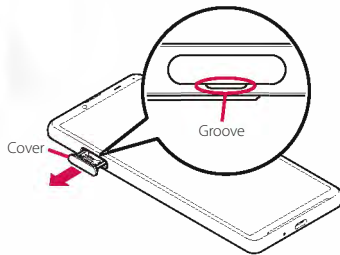
To ensure waterproofness/dustproofness

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 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.

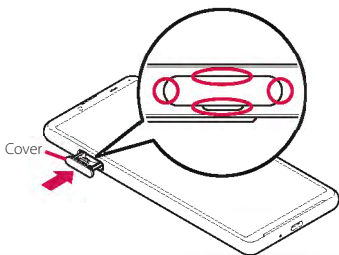
■ Opening the cover of nano UIM card/microSD card slot

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



■ Closing the cover of 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.



You are recommended to replace the parts for maintaining waterproof/dustproof property once every two years regardless of whether any abnormality is present or not. For replacement of the parts, DOCOMO keeps the terminal at DOCOMO-specified repair office and accept for a fee.

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.

- Optional devices are not waterproof/dustproof.
- Do not apply water flow stronger than allowed (P.26). SO-52B 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, mouthpiece/microphone, speaker, second microphone and headset jack. Such water may cause talking failure.
- If water or other liquid splashes the terminal when the cover of nano UIM card/microSD card slot is open, the liquid may enter inside of the terminal and cause electric shock or malfunction. Do not use the terminal and turn off the power. For handling, inquire of the contact on the last page.
- If the rubber gasket on the inner side of the cover of nano UIM card/microSD card slot is damaged or deformed, replace the part at a DOCOMO-specified repair office. Note that repair may be accepted for a fee depending on the terminal condition.

- Do not connect earphones 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.

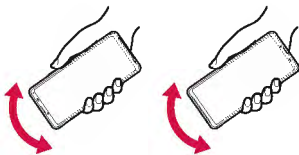
Draining water from the terminal

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.

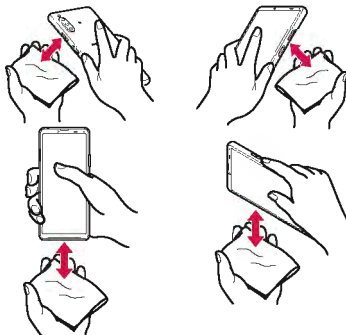


- ② Shake the terminal about 20 times, firmly holding it, until no more drops of water come out (shown left). Do the same with the terminal upside down (shown right).



- 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
- Mouthpiece/microphone
- Speaker
- Second microphone
- Headset jack
- USB Type-C jack
- Camera ring (around the main camera)
- Power key/Fingerprint sensor
- Volume key/Zoom key
- Google Assistant Key
- Cover of 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

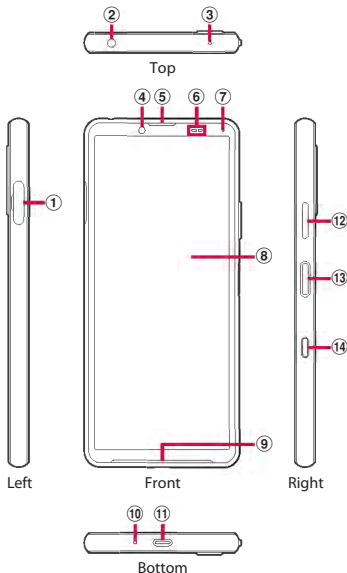
Check the following before and after charging.

- Check if the terminal is not wet while charging. Never charge the battery if the terminal is wet.
- 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.

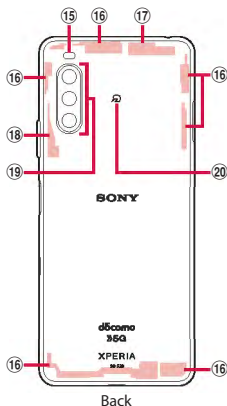
Before using the terminal

Part names and functions



- ① nano UIM card/microSD card slot
② Headset jack→P.228

- ③ Second microphone : Used for reducing noise when calling.
④ Front camera lens→P.128
⑤ Earpiece
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.65
⑧ Display (Touch screen)→P.50
⑨ Speaker
⑩ Mouthpiece/microphone
⑪ USB Type-C jack*2 : 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 screen display, or perform fingerprint authentication.
Press and hold this key for at least 1 second to display the menu where you can operate "Emergency", "Power off", "Restart" or "Force restart guide".→P.44, P.102
⑭ Google Assistant Key



15 Flash/Photo light

16 5G/LTE antenna^{*3}

17 5G/LTE/Wi-Fi/Bluetooth/GPS antenna^{*3}

18 5G/Wi-Fi antenna^{*3}

19 Camera lens→P.128

20 mark→P.143

*1 Do not cover the sensor area with a sticker etc.

*2 Display the screens of the terminal on a TV or other monitor via a DisplayPort compatible USB Type-C cable (commercially available). Or, use USB-LAN adapter (commercially available) to access Internet via wired LAN cable (Ethernet). It may not work properly depending on your USB Type-C cable, USB-LAN adapter, or connected device.

*3 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.

nano UIM card

The nano UIM card is an IC card which information such as your phone number is recorded.

- You can use the terminal with a nano UIM card. If you have a docomo mini UIM card, UIM, or FOMA card, bring it to a docomo Shop to replace it.
- When a nano UIM card is not inserted to the terminal, making calls, packet communication, etc. are not available.
- For details on nano UIM card, refer to NTT DOCOMO website.
- Turn off the terminal before installing/removing the nano UIM card.
- For opening/closing the cover of nano UIM card/microSD card slot, see "To ensure waterproofness/dustproofness" (P.27).

■ Security codes of nano UIM card

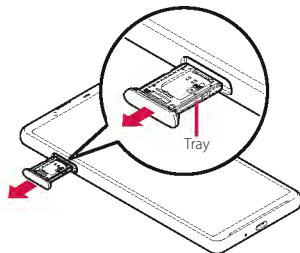
The nano UIM card has the security code of PIN code (P.48).

❖ Information

- Please be careful not to touch or scratch the IC when handling nano UIM cards. Doing so may cause a malfunction or damage.

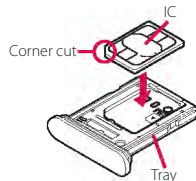
Installing nano UIM card

- 1 Draw the cover of nano UIM card/microSD card slot (P.27).**
- 2 Pull out the tray straight from the terminal.**



- 3 Set a nano UIM card in the tray with the IC face up.**

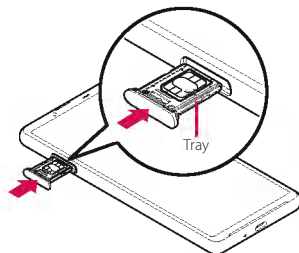
- Make sure that the corner cut of the card is oriented properly.
- Be sure to fit the nano UIM card into the tray so that it does not shift.



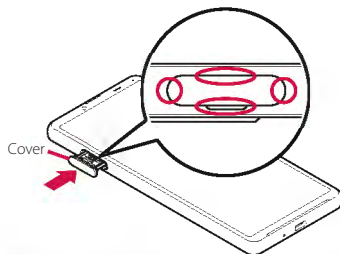
Before using the terminal

- 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.

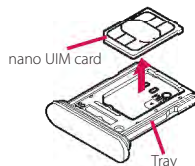


- 5** Push the tray into the end, firmly press each point indicated with ○, and then make sure that there are no gaps between the terminal and the cover.



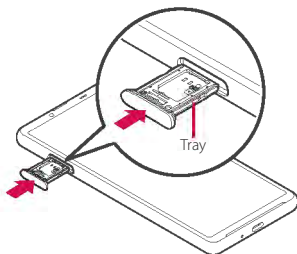
Removing nano UIM card

- 1** Draw the cover of nano UIM card/microSD card slot (P.27).
- 2** Pull out the tray straight from the terminal (P.34).
- 3** Remove the nano UIM card from the tray.
 - Put your fingernail to a gap between the nano UIM card and the tray to take out.



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.35).

microSD card

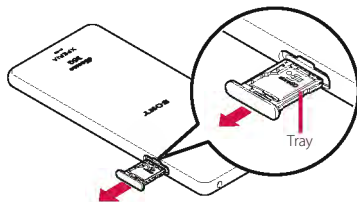
You can save the data in the terminal to a microSD card or import data from the microSD card to the terminal.

- The terminal supports microSD card of up to 2GB, and microSDHC card of up to 32GB, microSDXC card of up to 1TB (As of May, 2021).
- 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 nano UIM card/microSD card slot, see "To ensure waterproofness/dustproofness" (P.27).

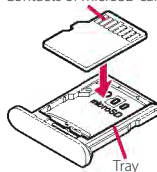
Installing microSD card

- 1 Draw the cover of nano UIM card/microSD card slot (P.27).**
- 2 Turn the back side of the terminal up and then pull out the tray straight.**



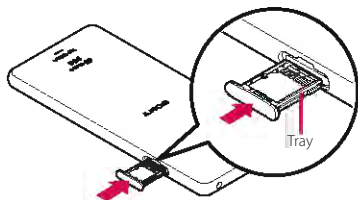
- 3 Set a microSD card in the tray with the contacts side up.**
 - Be sure to fit the microSD card into the tray so that it does not shift.

Contacts of microSD card



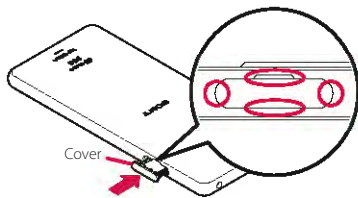
- 4** Hold the terminal horizontally, insert the tray with the card into the terminal, and then push it straight.

- 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.

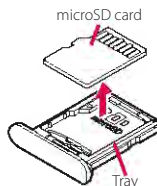
- When the terminal is turned on,  appears on the status bar.



Removing microSD card

- 1** Draw the cover of nano UIM card/ microSD card slot (P.27).
- 2** Turn the back side of the terminal up and then pull out the tray straight (P.37).
- 3** Remove the microSD card from the tray.

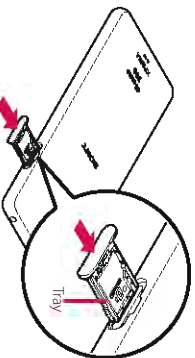
- Put your fingernail to a gap between the microSD card and the tray to take out.



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.38).

Charging

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

- Estimated charging time (P.228)

Available time on full charge (estimate)

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

- Estimated available time (P.227)

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  [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 place you stay is needed. Do not use an electrical transformer for overseas use to charge the terminal.
- Use a compatible AC adapter or USB cable A to C for charging. If you use a non-compatible charger, charging may fail or the terminal operations may not work properly.
- Insert and pull out an AC adapter or plug of USB cable A to C slowly and evenly without applying excessive force.
- When charging is started, the notification LED of the terminal lights in the color according to the battery level (P65).
- You can check the battery level on the status bar at the top of screen, or operate from the Home screen, tap  ► [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, ► [Settings] ► [Battery] ► [Battery Care].

- The Battery Care screen appears.

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 (P68) ► [REGULAR CHARGING].
- To set the 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".

- You can specify the upper limit of charging by tapping [Always] in the Battery Care screen. To set the upper limit of charging level, tap "Charging limit" field ► [80%]/[90%] ► [OK].

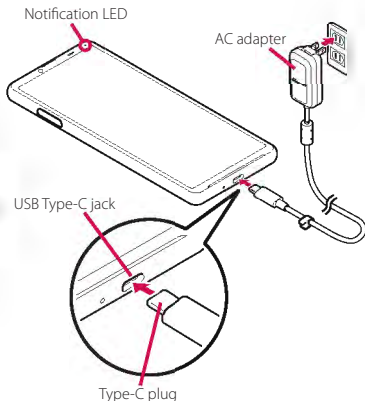
❖Note

- 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.65).



- 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.

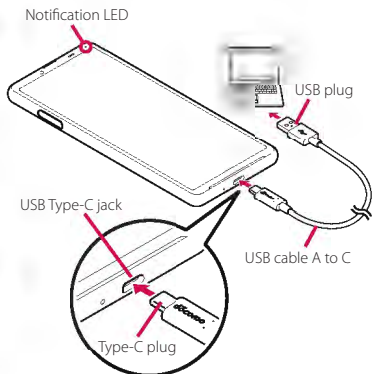
For details on handling, refer to the manual of the DC adapter or USB cable A to C.

Charging with a 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.65).



- 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 a confirmation screen for installing software appears on the terminal, tap [SKIP].

- 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.

FCC ID

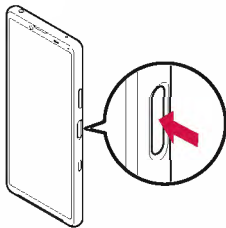
To view the regulatory compliance mark.

- 1 Find and tap [Settings]►[About phone]►[Certificates].**
Regulatory compliance mark such as FCC ID is displayed on the screen.

Turning power on/off

Turning power on

- 1 Press and hold the power key until the terminal vibrates.**
- 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.45).



- 2 Unlock the screen lock.**
- The Home screen appears.
 - Unlocking the screen lock (P.44).

❖ **Information**

- When PIN code (P.48) is set, enter the PIN code on the PIN code entry screen (P.48).

Turning power off

- 1 **Press and hold the power key for at least 1 second.**
- 2 **[Power off].**
 - To restart the terminal, tap [Restart].

Setting sleep mode

Set sleep mode to turn off the screen so that you can avoid unintended operations of the display (touch screen) or the keys, or lock the screen.

- 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.173) elapses with no operation performed, the screen will turn off automatically and then go into 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.

- 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.182).
- Once you register your fingerprint in the Fingerprint Manager, you can use fingerprint authentication to unlock the screen (P.183).

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
 - Confirming continuing set-up

2 When the docomo initial setting screen appears, confirm the content▶ [Next].

- Follow the onscreen instructions to make the following confirmations and settings.
 - d ACCOUNT settings
 - Setting functions and services in one operation
 - Setting docomo cloud
 - Setting the home app
 - Review additional apps
 - Setting the system navigation

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

❖ Information

- In this manual, descriptions with System navigation set to "3-button navigation" are provided.
- The displayed setting etc. may differ depending on operation of the terminal etc.
- When the screen to select docomo services appears after completion of the initial settings, follow the onscreen instructions to set or confirm.
- Some settings can be changed later (P.46, P.80, P.158, P.182, P.183, P.187, P.191, P.192, P.195).
- When setting the online services, make sure to connect to the network (P.66).
- 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. If you have not set up a Google account in the initial settings or to add other Google account, you can set it up as follows.

- 1 **From the Home screen,  ► [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.190).
- 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 items to auto-sync, from the Home screen,  ► [Settings] ► [Accounts] ► Tap the Google account ► [Account sync].

Setting up d ACCOUNT

d ACCOUNT is an ID/password that is necessary to use the services available with d Account or d points on a smartphone, tablet, or PC.

When you do not set up d ACCOUNT in the initial settings, you can set as follows.

- 1 **From the Home screen, tap  ► [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 the nano UIM card with you to a docomo Shop. For details, ask the contact on the last page.

- The PIN Unlocking Key is written on the subscription form (copy for customer) handed when subscribing at a docomo Shop. If you subscribed other than at a docomo Shop, ask the contact on the last page.

■ PIN/Password for screen lock

It is a security code for using the screen lock function of the terminal (P.182).

■ 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

A nano UIM card has a security code called as PIN code. The code is set to "0000" at subscription, which you can change by yourself (P.49).

PIN code is a 4- to 8-digit security number (code) that must be entered for user confirmation to prevent unauthorized use of nano UIM card by a third party every time you insert the nano UIM card into the terminal or when the terminal is powered on. Entering the PIN code enables making/receiving calls and terminal operation.

- For using a newly purchased terminal with the nano UIM card you are using so far inserted, 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.48).

■ 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 nano UIM card will be locked. In that case, ask the contact on the last page.

Setting a PIN code

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

- 1 **From the Home screen,  [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 .

❖ Information

- When "Use SIM" (P.160) is OFF, the PIN code entry screen appears after "Use SIM" is switched to ON.

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,  ► [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 display (touch screen)

Precautions on using the display (touch screen)

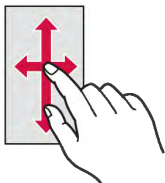
- The display (touch screen) is designed for being touched lightly with fingers. Do not push the touch screen hard with a finger or press sharp-pointed objects (nail, ballpoint pen, pin, etc.) against the screen.
- Touching the display (touch screen) may not work in the following cases. Note that it may cause a 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 display (touch screen)
 - Operation with fingers wet with sweat or water
 - Operation under water

Operations on the display (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.

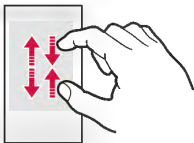
■ Scroll

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



■ Pinch

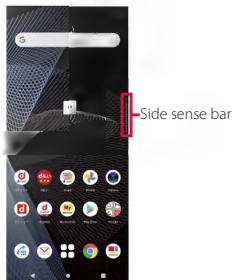
Touch the screen with two fingers and widen (pinch-out) or narrow (pinch-in) the fingers' distance to zoom in/out screen display.



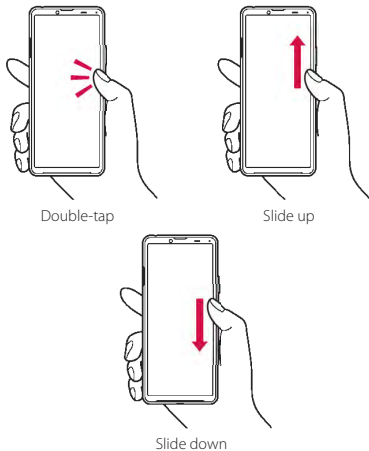
Using Side sense

Side sense is a function that allows you to operate the terminal with one hand and you can use it by operating the side sense bar displayed on the screen.

- You can operate the side sense function on every screen which the side sense bar is displayed.



Double-tap the side sense bar to open the side sense menu from which you can activate applications or display the Notification panel. Slide the side sense bar up to display the multi-window menu from which you can activate the Multi-window (split screen). Also, slide the side sense bar down to undo the operation (returning to the previous screen).



❖ Information

- You can change the operation range, sensitivity of the side sense bar, etc. in "Side sense" (P.175). Set as your preference.

- Side sense feature is not available in the following cases.
 - Call is incoming/dialing/During a call
 - Displaying the shooting screen

Moving the side sense bar

1 Touch and hold the side sense bar.

- If the operation is unavailable, once display the side sense menu and then operate again.

2 Drag it to a desired location.

- When you drag it to other than the left-/right-end of the screen, the side sense bar changes to .



❖ Information

- You can move  by touching and holding and then dragging in the desired direction. To restore to the original display, drag it to the left-/right-end of the screen.

1 Double-tap the side sens bar.

- The Side sense 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.
 - You can also set to display favorite application icons (P.175).
- ② The method to activate applications
 - Select the method to activate applications Tap the large frame to display in regular screen, or tap the small frame to display in pop-up window (P.73), and then tap an application icon.
 - When you select the large frame and tap an application icon while the multi-window (split screen) is activated, the application in the lower part of the screen can be switched.

- ③ Notifications
 - Open the Notification panel (P.67).
- ④ One-handed mode
 - Activate One-handed mode (P.78).
- 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.54).
- ⑦ Advanced
 - Open the "Side sense" in the Settings menu (P.175).

❖ 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 sens bar.

Using the Multi-window menu

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

- Operations in the split screen (P.71)

1 Slide the side sense bar up

- 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).
- You can switch applications in the lower part of the screen by tapping any application icon while Multi-window (split screen) activates. To switch applications in the upper part of the screen, tap the upper part of the window illustration shown beside the Multi-window menu and then tap any application icon.

- 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.175).
- 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.53).
- ⑦ Advanced
 - Opens "Multi-window menu" (P.175) 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 the side sense bar up

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	Use the task manager (P.70). Also, you can use the following functions. • Screenshot (P.56) • Split screen (P.71) • Pop-up window (P.73)

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

❖ Information

- When "One-handed mode" (P.174) is set to ON, you can activate the one-handed mode by double-tapping (P.78).
- 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,**
 ► [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.69).

Setting Silent mode

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

- If the sound volume is adjusted in "Ring and notification volume" (P.177) 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 setting 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).

- Capturing may not be available depending on screen display.

- 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.**

- A still image is saved and its thumbnail and the menu are displayed for a certain period of time in the lower left of the screen.

❖ Information

- You can capture the screen which is shown as a thumbnail (P.70) by tapping [Screenshot] in the task manager.
- You can tap the thumbnail or menu to edit a still image or send it via Bluetooth or email. Or, you can turn off the display of thumbnail and menu (still image remains) by tapping  on the upper right of thumbnail.

Recording the displayed screen

You can record the currently displayed video screen (Screen Record).

- Recording may not be available depending on currently displayed screen.

1 Drag the status bar down with two fingers.

- The Quick settings panel appears.

2 Swipe (flick) the Quick setting tools left.

3 [Screen Record].

- The confirmation screen for start of recording appears. Set "Record audio" etc. before start of recording.

4 [START].

- Recording starts and  and  appear on the status bar.
- To stop recording, drag the status bar down and then tap "Screen Recorder" notification.

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 an application for sending email

1 From the Home screen, ► [docomo phonebook] ► Select a contact ► Select a mail address.

- The application selection screen appears.

2 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 selected "Just once" previously for the same task, the screen with the application selected appears. To use another application, select in the "Use a different app" area.

❖ 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  ► [Settings] ► [Apps & notifications] ► [SEE ALL XX APPS] ► Tap an application you want to deselect ► [Advanced] ► [Open by default] ► [CLEAR DEFAULTS].

Setting an application's permissions

When the first time you activate an application or function that accesses the other functions or information of your terminal, the confirmation screen to request permissions to access rights may appear. When you approve these access rights, the corresponding functions and information become available to the application/function.

<Example> When activating the "Schedule" application for the first time

1 From the Home screen, ► [Schedule].

- The explanation screen about permission may appear.

2 [OK].

- The confirmation screen appears.

3 [ALLOW]/[DENY]

- When the other confirmation screen appears, confirm the content and then repeat the operation.

❖ Information

- If permission is not granted, some applications/functions may not work, or use of the functions may be limited.
- To change setting of permissions, from the Home screen, tap  ► [Settings] ► [Apps & notifications] ► [SEE ALL XX APPS] ► Tap any application you want to change the setting ► [Permissions] ► Tap the permission to change ► [Allow]/[Deny].
- Depending on application/function, the explanation screen about permission may not appear. Also, number of times of the confirmation screen or the display may differ. 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.
- Depending on your usage condition, keyboard display or the operations may be changed.

Switching the input method

You can change to the input method other than Gboard.

- You can operate it when the other input method is installed on the terminal and set it as a use keyboard in "Manage on-screen keyboards" (P.191).

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

- When the input method you want to use is not listed in the selection screen, tap  of the input method you want to use in "Manage on-screen keyboards" (P.191).

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.60)

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].

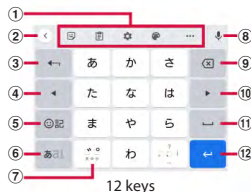
❖Information

- 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 to 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.



12 keys



QWERTY

- ① Tool bar
Displays the tool icon list (P.62).
- ② < / >
Switches the tool icon to hide/display.



Shows characters entered by Multi-tap input (P63) in the order that is reverse of the regular one. Or undoes character conversion after it is decided.



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



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.



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.



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.



Switch to voice input to enter characters with voice.



Deletes the character before the cursor.



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



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. Touch and hold it to display the keyboard change screen (the operation may not be available depending on condition).



Enters a line feed. Tap it to decide characters before conversion is decided.

* In some screens, , , , , etc. appear.



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



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] ► Select a language.**
- 2 +.**
- 3 Follow the onscreen instructions to enter a word and the reading.**
- 4 ←.**

❖ Information

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

Setting character entry

Set character entry per input method such as Gboard.

- 1 From the Home screen,  ► [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 on-screen 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	Charging (the battery level is 14% or less)
Orange	Charging (the battery level is 15% - 89%)
Green	Charging (the battery level is 90% or more)
Flashing red	The battery level is 14% or less
Flashing white*	Notification of missed call, new Gmail, etc.

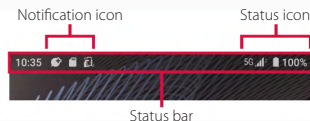
* Flashing in sleep mode.

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 available	—
	4G (LTE) available ^{*2}	—
	During International roaming	—
	Out of service	—
	Connected to Wi-Fi ^{*3}	P.158
	Connected to a Wi-Fi network with no access to the Internet. The Wi-Fi signal is poor. ^{*3}	P.158
	Portable hotspot (Wi-Fi tethering) ON	P.163
	Connected to Bluetooth device	P.199
	Airplane mode activated	P.163
	Silent mode (vibrate) ON	P.56
	Silent mode (mute) is set	P.56
	Calling with hands-free (speaker ON)	P.107
	Calling with the mouthpiece/ microphone OFF (mute)	P.106
	Alarm etc. is set	P.152
	Do Not Disturb is set	P.172
	Positioning with GPS	P.149
	Connected to VPN	P.166
	Data Saver is set	P.166
	Recording with Screen Record	P.57
	STAMINA® mode ON	P.172
	Battery status	—
	The battery is charging	P.39

	Charging is required	—
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- *1 appears on the right of the icon during communication.
- *2 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.122
	New +Message message	P.116
	Receiving/downloading data	—
	Sending/uploading data	—
	Notification of data reception etc. via Bluetooth communication	P.200
	microSD card is detected/currently mounted	P.38
	Update notice of application	—
	Software update notification	P.219
	Call is incoming/dialing/During a call	P.102
	Call is on hold	P.106
	Missed call	P.108
	Notification from Answering Machine/voicemail	P.105, P.109
	Notification from Memo/Schedule	P.98, P.151
	Stopwatch is running*	P.153
	Timer is in use*	P.153

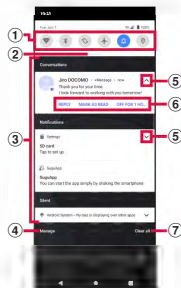
	Alarm is sounding/Alarm is snoozing/ Next alarm exist	P.152
	USB device is connected	P.178
	Screen mirroring in use	P.167
	Wi-Fi open network available	P.159
	Charging with Battery Care	P.40
	Battery is low (15% or less)	—
	Notification of error/warning	—
	Hidden notifications	—
	Omakase Lock is set	—
	Notification from docomo Data Copy	P.154
	SuguApp is available	P.75
	Notification for Screen Record	P.57
	Available internal storage is getting low	—
	Authentication failed when you set up your d ACCOUNT	P.46

* 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.



- Quick setting tools
 - A part of the quick setting tools (P.69) are displayed.
 - Tap it to turn on/off each function.
 - Touch and hold it to display the setting screen, etc. depending on function.
- Open the Quick settings panel
 - Drag down to open the Quick settings panel (P.69).

③ Notifications

- Notifications are categorized by "Conversations", "Notifications", "Silent", etc. depending on type, setting, etc.
- When  is displayed, tap to activate an application in pop-up window (P.73).
- Swipe (flick) left or right the notification to clear from the list. However, some notifications may not be cleared.
- To change the notification setting or set "Silent", "Default", etc., drag the notification left or right and tap the displayed , or touch and hold the notification. However, the setting may not be available for some notifications.
- If  /  appears when a notification in Conversations is unfolded, you can set to show/hide the floating icon (bubble). The floating icon (bubble) can be shown even while the other application is running so that you can check arrival notifications in Conversations or check/send messages by tapping it.

④ Manage

- Change notification setting (P.171).
- It is shown as "History" when "Notification history" (P.171) is set to ON and you can check the notification history.

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 "REPLY" may appear when a notification is unfolded.
- 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

- The control panel for Music etc. may be displayed below the quick setting tools depending on operation condition, with which you can play/pause a song, switch the audio output, etc.
- To hide the floating icon (bubble), touch and hold the floating icon (bubble) ► Drag it to any direction a little ► Drag it to  at the bottom of the screen.
- 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.171) or display them all the time in "Keep notifications" (P.171).

Quick settings panel

Set ON/OFF etc. of each function.

1 Drag the status bar down with two fingers.



- ① Brightness level
- ② Quick setting tools

- Adjust the screen brightness.
- 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.
Nearby Share	Share a file with nearby compatible device.
Flashlight	Set ON/OFF of the flash/photo light.
STAMINA mode	Enable/disable STAMINA mode.
Hotspot	Set ON/OFF of portable hotspot function.
Screen Record	Record the currently displayed screen (P.57).

* In "XXXX", the silent mode status 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.156).
- ⑥ Multiple users
- When the icon is not displayed, turn "Multiple users" (P.194) to ON.
- You can switch the user of the terminal, add a user/guest, or remove the guest.
- Tap [Advanced] to display "Multiple users" in the Settings menu (P.194).

❖ 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.
- The control panel for Music etc. may be displayed below the quick setting tools depending on operation condition, with which you can play/pause a song, switch the audio output, etc.
- 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 "App pinning" (P.181) 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.
- Use the menu on the bottom of the screen for the following operations.
 - Screenshot (P.56)
 - Pop-up window (P.73)
 - Multi-window switch (P.72)

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 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.

- If the application that you want to display is not displayed in a thumbnail, tap  to activate the application. However, if you activate the application that is not available in the split screen, it is displayed in the normal screen.

❖ 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 an application icon shortcut 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  on the divider line left or right. (up or down for the landscape view).
- 2 .
- 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.
- Alternatively, you can use the multi-window switch by tapping [Multi-window switch] in the task manager (P.70).

Pop-up window

You can activate an application in pop-up window overlapping another application shown in regular screen.

- Activate an application to display beforehand.
- Using in pop-up window may not be available depending on application.

1

- Applications are shown as thumbnails.

2 **Display a thumbnail of application to activate.**

- Swipe (flick) thumbnails left/right (flick) to display a thumbnail of the application you want to activate.

3 **[Pop-up window].**

- A pop-up window appears on the thumbnail.
- If "Pop-up window" cannot be selected, activating the application in pop-up window is not available.

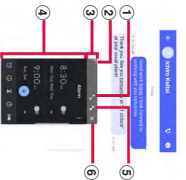
4 **Tap a thumbnail of another application.**

- The application is shown in regular screen under the pop-up window.
- If an application that you want to display is not shown as a thumbnail, tap  to activate the application.
- To switch to applications, tap the display area of application shown in pop-up window or regular screen.

❖ **Information**

- Alternatively, tap the icon shown at the top of thumbnail in Step 3 ► [Pop-up window] to activate the application in pop-up window.
- To show a pop-up window over the split screen, tap the icon shown at the top of thumbnail in Step 4 ► [Split screen] ► Tap a thumbnail of another application.
- Pop-up window can be activated from the following functions/screens.
 - Side sense menu (P.53)
 - Notifications on the Notification panel (P.68)
- Using pop-up window may not be available depending on operation condition such as when Camera is activated.

Pop-up window



- ① Maximize
 - Tap  when it is maximized to return to the original display.
- ② Change the size
 - Drag to any direction to change the size of pop-up window.
- ③ Display area for operation icons
 - Appears while operating application shown in pop-up window, if it does not appear, tap the pop-up window.
 - To move the pop-up window, drag an area where there is no icon in any direction.
 - Position of the display area or shape of operation icons may vary depending on operation condition.
- ④ Operation area of application
 - If the display area for operation icons does not appear, drag the pop-up window in any direction.

- ⑤ Iconify
 - Iconified application is displayed. Tap it to restore the original display. Drag an iconified application to any direction to move, or drag it to  in the upper part of the screen to close the pop-up window.
- ⑥ Close
 - Close the pop-up window

SuguApp

Set "SuguApp" which you can activate an application or operate the phone call instantly with intuitive handling just like shaking a smartphone.

1 From the Home screen, tap ► [Settings] ► [docomo service/cloud] ► [SuguApp].

- When the explanation screen etc. appears, follow the onscreen instructions.

App 1	Set an application to activate when the terminal is shaken once.
App 2	Set an application to activate when the terminal is shaken twice.
SuguApp Operation Deterrence	Set an application to restrict its activation by SuguApp function.
Suguden setting	Set the phone operations (Answer, Disconnect, Call, Mute, Reject) only by motion or voice command (P.75).

❖ Information

- In the following case, SuguApp does not work properly.
 - 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.
- By default, "d払い (d Barai)" app is set to "App 1".
- SuguApp function is not available when the screen is OFF, while the lock screen is displayed, or during a call.
- If you put the terminal into a bag or pocket when the screen is ON, an application may activate in rare cases because that is recognized as a motion performance.
- When SuguApp function is available, the notification icon is displayed. You can also confirm notification detail from the Notification panel.
- For details on SuguApp, refer to NTT DOCOMO website.

Suguden setting

Set "Suguden" which allows you to operate phone with the motion and the voice command.

1 From the Home screen, ► : . 2 [Settings] ► [Calls] ► [Suguden setting].

- Alternatively, operate from the Home screen, tap  ► [Settings] ► [docomo service/cloud] ► [SuguApp] ► [Suguden setting].

Answer	Answer calls by placing the terminal to your ear.
--------	---

Disconnect (Motion/Voice command)	End a call by motion or voice command. When "Motion" is ON, calls 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	Make a call to the other party who is registered in advance by shaking the terminal once with the Home screen 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".
Disable Suguden during roaming	Turn off Suguden function automatically overseas.

Notes on using Suguden

- In the following case, Suguden does not work properly.
 - When using speakerphone
 - When using an earphone or headset

- When the terminal is connected to a Bluetooth device which has calling function (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 you put the terminal into a bag or pocket while on the incoming screen, the call may be answered or rejected in rare cases because that is recognized as a motion performance.
- The proximity sensor does not respond well to black objects.
When answering a call, if you put the earpiece over your hair, the proximity sensor may have trouble working and may failure to answer a call. In this case, please put the earpiece directly on 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 the Suguden function is available, the notification icon appears. You can also confirm notification detail from the Notification panel.
- For details on Suguden, refer to NTT DOCOMO website.

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)
- While calling with 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 Disconnect (Voice command) and then start calling.
- When the Answering Machine is running (while playing the answering message/ recording a message), Disconnect (Voice command) function is not available. In the case that you answer a call while recording with the Answering Machine, Disconnect (Voice command) function is available.
- For calls using "Jspeak", Disconnect (Voice command) function is not available.

- Although the voice command function of Suguden uses the voice recognition technology and 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.

● Call

A Suguden call can be made from the Home screen or the lock screen (only when "Screen lock" (P.182) is set to "Swipe").

● Mute, Reject

When "Mute, Reject" is set to ON, the function set in "Mute, Reject" may be performed when you shake the terminal strongly even just once while a call is incoming because the action is recognized as motion performance.

● Disable Suguden during roaming

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

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  ► [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.174).
- 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.
- Alternatively, tap [One-handed mode] in the side sense menu (P.53).

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.59)
 - 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.80)
- "Xperia Home" (P.87)
- "Simple Home" (P.90)

1 From the Home screen,  ► [Settings] ► [Apps & notifications] ► [Advanced].

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 application icon shortcuts on the screen may not be displayed correctly depending on the home screen layout etc.

docomo LIVE UX

It is a home app that DOCOMO offers you. You can customize the home screen intuitively.

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

You can activate applications or use widgets in the Home screen. All of applications are stored in the Application screen and the application icon shortcuts are located in the Home screen.

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



- ① Widget
 - Activate the widget (Google Search).
 - If a shortcut menu appears when you touch and hold a widget, you can perform certain operations.
- ② Machi-Chara
 - Tap to ask something you want to know through dialog.

- ③ Application icon shortcuts
 - Tap to activate the application.
 - Touch and hold to display the shortcut menu from which 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 the shortcut of specified operation to the Home screen.
- ④ Indicator
 - This indicates the current display position of the Home page.
 - This is appeared when you swipe (flick) the Home screen left or right.
- ⑤ Dock
 - This is always displayed even when the Home screen page is switched.
- ⑥ Apps button
 - Display all of applications. You can also search applications or use Osusume Apps (P.85).
- ⑦ Customizing area
 - You can locate application icon shortcuts, widgets, folders, etc.
- ⑧ Folder
 - It contains the multiple application icon shortcuts etc.
- ⑨ My Magazine
 - Display My Magazine (P.85).

❖ Information

- If there is any notification which indicates update of application or pause of setup, or any application icon shortcut which is shown in gray in the Notification panel, download the application (P.101).

Managing the Home screen

Moving application icon shortcut etc.

- 1 In the Home screen, touch and hold an application icon shortcut or widget you want to move.**
- 2 Drag it to a desired position.**
 - To move it to the next page, drag it to the end of the Home screen.

Adding an application icon shortcut

- 1 From the Home screen, .**
- 2 Touch and hold an application icon you want to add to the Home screen.**
 - The shortcut menu appears.
- 3 [Add to Home screen].**
 - To move an application icon shortcut to the next page in the Home screen, touch and hold and then drag it to the end of the screen.
 - It is also possible to add the multiple same application icon shortcuts.

Removing an application icon shortcut from the Home screen

- 1 In the Home screen, touch and hold an application icon shortcut to remove.**
 - The shortcut menu appears.
- 2 Drag it in any direction a little▶ Drag it to "Remove" in the upper part of the screen.**
 - Although the application icon shortcut is removed from the Home screen, the application itself is not uninstalled.

Removing a widget etc.

- 1 In the Home screen, touch and hold a widget or folder you want to remove.**
- 2 Drag it to "Remove" in the upper part of the screen.**

Uninstalling an application

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

- 1 In the Home screen, touch and hold an application icon shortcut you want to uninstall.**
 - The shortcut menu appears.
 - To uninstall an application stored in a folder, tap the folder and then touch and hold the application icon shortcut.
- 2 Drag it in any direction a little► Drag it to "Uninstall" in the upper part of the screen.**
 - For applications that cannot be uninstalled, "Uninstall" is not shown.
- 3 [OK].**
 - When an application is uninstalled, the application icon is also deleted from the Application screen.

Renaming folder

- 1 In the Home screen, tap a folder.**
- 2 Tap the folder name or [Edit Name].**
- 3 Enter a folder name.**
 - When entry is finished, tap  on the software keyboard.

Setting the Home screen

- 1 Touch and hold an area of the Home screen where no icons etc. are displayed► [Home settings].**

Notification dots	You can turn on/off the dot which appears when an application has a notification (P.171).
Add icons to home screen	Select whether to automatically add an application icon shortcut to the Home screen or add only the application icon to the Application screen when a new application is installed. • By default, a shortcut of application is added to the Home screen when it is installed.
Add home settings icon	Turn ON/OFF  in the Home screen.
Wallpapers	You can change the wallpapers of the Home screen and the lock screen.
Machi-Chara	Set Machi-Chara ON/OFF, change of character, etc.

Osusume Apps settings	Set the display of "Osusume Apps" contents in the Application screen.
Display my daiz NOW	Set the display of my daiz NOW which is located in the leftmost page of the Home screen.
My Magazine	Turn ON/OFF of flick-up activation of My Magazine.
Get started	Check the tutorial of the Home screen.
Help	Check how to use the Home screen in detail.

Application screen

It is appeared when  is tapped in the Home screen. In the Application screen, you can find applications sorted in the order of use or installation, or search them by application name. Also, you can check the selected applications which are recommended to you now.

- Application list (P.96)



- ① Search apps bar
 - Tap to enter characters to search applications.
- ② Osusume Apps
 - Up to 4 selected applications or services from Osusume Apps are displayed.
- ③ All apps
 - All applications installed to the terminal are displayed. Tap to activate the application.
- ④ See more
 - Display the Osusume Apps screen (P.85).

⑤ Pull-down menu

- You can sort all the applications in the Application screen by "Recent", "Name" or "Installed".

Using Osusume Apps

Applications or services are recommended according to your usage condition.

1 From the Home screen, .

2 [Osusume Apps].

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

3 Select an application or service.

- A screen for introducing the application or a service page appears.

❖Information

- In the Osusume Apps screen,  Tap of each setting to switch it to ON/OFF. 
- When you have agreed the terms of use of Osusume Apps, tap  on the Home screen to display the selection content of Osusume Apps. To display the Osusume Apps screen, tap [See more].

マイマガジン (My Magazine)

My Magazine is a search service to view articles from 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 use customization of My Magazine by using location information, your docomo service subscriptions, etc.

Viewing articles

1 From the Home screen, .

- If the screen for startup of My Magazine appears, follow the onscreen instructions.
- The list screen of articles per category is displayed.
- Alternatively, swipe (flick) the Home screen up to open the list of articles per category.
- Swipe (flick) left or right to switch categories.

2 Tap an article you want to read.

- You can change the settings of My Magazine or check the help by tapping .
- Tap  to refresh the information.

Setting the display category

1 From the Home screen, .

2  **[表示ジャンル設定 (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 leftmost page of the Home screen, **swipe (flick) right.**

- Swipe (flick) up or down to switch cards to be displayed.
- Swipe (flick) left to return to the Home screen.
- If the confirmation screen for use 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 settings].**
- 2 **Tap  of "Display my daiz NOW".**
 - my daiz NOW disappears.
 - To display it again, tap  of "Display my daiz NOW".

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 Application icon shortcuts
 - 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
 - It contains the multiple application icon shortcuts etc.

⑤ Dock

- Locate application icon shortcuts or folders. They are always displayed even if the page of the Home screen is switched.

⑥ Widget : Google Search

⑦ Wallpaper

⑧ Widget : Multi-window switch

- Tap to use the Multi-window switch (P.72).

❖ 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 an application icon shortcut etc. and drag it to the left end/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. are displayed.
- Swipe (flick) the Home screen down to open the Notification panel.
- If there is any notification which indicates update of application or pause of setup, or any application icon shortcut which is shown in gray in the Notification panel, download the application (P.101).
- A dot or number may appear on the application icon shortcut or folder when the application has a notification.

Adding folders on the Home screen

You can store application icon shortcuts etc. added to the Home screen to 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 [Edit Name].
- To delete a folder, touch and hold the folder in the Home screen▶Drag it to "Remove" which appears in the upper part of the screen. The application icon shortcuts 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, in the Home screen, touch and hold the widget►Drag it to "Remove" in the upper part 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.171
Add app icons to Home screen	Set whether to add an application icon shortcut in the Home screen when the 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.

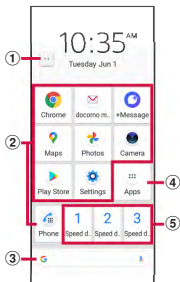
1 From the Home screen, [Settings]►[Apps & notifications]►[Advanced].

2 [Default apps]►[Home app]►[Simple Home].

3 [OK].

- To not change the font size, unmark "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.91).

❖ 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 on 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.106)

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.118)
- How to send Gmail (P.122)

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		P93
More settings		Display the setting menu of the standard Home screen (P.156).
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.80)

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 on 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 appears, drag it to anywhere.

❖ Information

- Touch and hold the folder in the Application screen to add the folder with the application icon shortcuts to the Home screen.
- To remove an application icon shortcut, touch and hold the application icon shortcut in the Home screen▶Drag it a little in any direction▶Drag it to "Remove" in the upper part of the screen. When "Uninstall" appears in the upper part 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.170).

4 [OK].

Editing the Application screen

When the order of application icons is set to "Own order" in the menu (P.93), 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 [Edit Name]. 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 may vary depending on the home app or usage condition.
- Preinstalled applications or layout of applications may differ depending on the initial setting condition etc.

Assistant

Activate Google Assistant.

Anshin Security

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)

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.226

Osaifu-Keitai

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.143

Osusume Apps^{*1}

An application that allows you to check or install applications or services that DOCOMO recommends according to your usage condition. →P.85

Camera

Shoot photos and videos. →P.128

Calendar

Register and manage your plans and reminders etc.

Disaster kit

An application for using Disaster Message Board, Disaster Voice Messaging Service and Early Warning "Area Mail" (P.123).

Schedule

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

→P.150

Sheets

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

Slides

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

Settings

Configure settings for the terminal. → P.156

地図アプリ (Map application)

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

An application that allows you to transfer data when changing model, back up to/restore from a microSD card. → P.154

データ保管BOX (Data Storage BOX)

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.

Calculator

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.102

Docs

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

Clock

Use alarm, world clock, timer, stopwatch or bedtime. → P.152

docomo phonebook

It is a phonebook application provided by DOCOMO. You can manage phonebook data of your docomo account in the cloud. → P.111

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.116

Drive

View/manage/share files stored in Google Drive.

Instruction Manual

Display the terminal instruction manual. You can directly call up functions from the explanation (in Japanese only).

* See "About manuals" in "Introduction".

News

Read a collection of the latest news and topics of interest.

JSpeak

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.



Photos
You can playback photos or videos. You can back them up to your Google account. → P.139



マイマガジン (My Magazine)

My Magazine is a safe and secure news application that allows you to check new information and have surprises free of cost every day. → P.85



マクドナルド (McDonald's)

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

Use Google Maps services, such as viewing the current location, finding another location and searching the routes. → P.149



Music

Play music. → P.147



Memo

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



Amazon Shopping

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



Chrome

Browse web pages in Chrome. → P.124



d払い (d Barai)

An application for use "d払い (d Barai)", 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

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.141



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.141

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

Disney DX is an application to enjoy much of the Disney's official streaming service "Disney Plus" with a lot of exclusive movies and limited privileges.

Duo

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.

Files

You can search data such as still images, videos, music, or downloaded files. → P.196

FM radio

You can listen to FM radio.

* To use FM radio, connect a headset (optional) to the Headset jack.

Gmail

You can use the email services provided by Google and major Internet service providers. → P.122

Google

Search information in the terminal and websites by keywords. → P.79

Google One

An application to use Google One services such as managing storage plan, auto backup of data, using various offers.

Google Pay

An application for managing electronic money or point cards collectively.

Google Play Movies & TV

Rent or purchase movies, etc. from Google Play.

Headphones

It is an application for customizing the settings of Sony headphones (commercially available) which support application link function.

iDアプリ (iD application)

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.146

Imaging Edge Mobile

Allows you to transfer still images or videos from Sony camera, shoot remotely, or add location information to shot images.

Kindle

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

LinkedIn

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

my daiz

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 points, etc. or perform various procedures or applications online.

Play Store

Download or purchase various applications, games, etc. from Google Play. → P.142

Podcasts

You can register your favorite programs and play them, or search featured programs.

PS App

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

Reader by Sony

An application that allows you to read e-books purchased in Sony's eBooks store "Reader Store".

Video & TV SideView

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)

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

An application which introduces Sony products or campaign information.

Xperia Transfer 2

You can transfer photos, videos, contacts, etc. from your smartphone (including iPhone) to Xperia.

YouTube

Play YouTube videos.

YT Music

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.116

*1 Appeared when the home app is other than docomo LIVE UX.

❖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▶Tap a notification which indicates update of application▶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.68)▶Tap [USE DATA].
 - To download the application via mobile network individually, tap the application icon displayed in gray▶Follow the onscreen instructions.
- Some preinstalled applications can be uninstalled. Or, some uninstalled applications may be downloaded from "Play Store" (P.142) etc. again.
- Some applications may require downloading and installation.
- If you activate multiple applications, the available time may become short due to increase of battery consumption. You are recommended to exit the applications which are not in use using the task manager (P.70).

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 in the upper screen and you can create a new contact or send a message. When a contact matching to the entered phone number appears, you can make a call by tapping it.
- 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.204) is set to any of "5G/4G/3G/GSM", "5G/4G", "4G/3G/GSM", and "4G Calling" (P.205) 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 a 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 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/regions such as Italy.

Receiving a call

When a call 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.106).

- 1 Swipe (flick)  up on the incoming screen.**
 - 2 When the call is finished, .**
- Voice call incoming screen



- Sound quality of VoLTE call
 -  (super high quality) and  (high sound quality) are displayed during a call in VoLTE (HD+) and VoLTE (HD), respectively.
- Photo/image set in a contact
- Call icon
 - Swipe (flick) up to answer, or swipe (flick) down to reject a call.
- Send a message (P.105)

- ⑤ Name/phone number of the other party

❖ Information

- When "Answer" of "Suguden setting" (P.75) is ON, you can answer calls just by placing the terminal to your ear.
- When "Disconnect (Motion/Voice command)" of "Suguden setting" (P.75) 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 [Messages] ▶ [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



- Photo/image set in a contact
- Name, phone number, etc. of the other party
- Sound quality of VoLTE call
 -  (super high sound quality) is displayed during calls in VoLTE (HD+), and  (high sound quality) is displayed during calls in VoLTE (HD).
- Mute : Set to turn on/off the mouthpiece/microphone.
- Dial key : Send a push signal while on a call.
- Add call
 - Add voice call.
- Hold call: Hold/resume voice call.
- End a call
- 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.110).
- 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.**

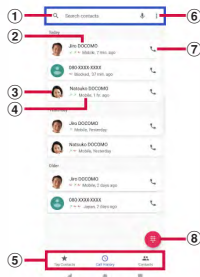
Call history

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

Displaying the call history

- 1 From the Home screen, [App Store] ▶ 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", "Block number", and "Call details".
 - Touch and hold to display the menu of "Copy number", "Edit number before call", "Block number" and "Delete" below a phone number in the call history.

- 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

- 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.
- 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.229)

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.

❖ 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/ roaming settings	Set network services, roaming settings or transmission of user information. • Network service settings (P.110) • Roaming settings (P.208).
International dial assist	P.209
Answering Machine	P.109
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.105).
Suguden setting	P.75
Contact docomo*	Call to General Inquiries etc. of DOCOMO.
Calling accounts	Set Internet phone (SIP) account.

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

Network service settings

1 From the Home screen,  ► : .

2 [Settings] ► [Calls].

3 [Network service/roaming settings].

- If the confirmation screen of Transmission of User Information appears, confirm the content and then follow the onscreen instructions.

4 [Network service].

Voicemail service	Keep 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 by the guidance of caller ID display request.

Call notification	Notify incoming calls via message while the power is off or you are out of service area.
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) settings	While the terminal is OFF or in Airplane mode, play a guidance indicating that the receiver cannot answer the call on the caller's terminal and then end the call.

Accessibility

Set to enable/disable the hearing aid compatibility.

- 1 **From the Home screen,**   .
- 2 **[Settings] ▶ [Accessibility].**
- 3 **Tap  of "Hearing aids".**

Phonebook

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

Displaying phonebook

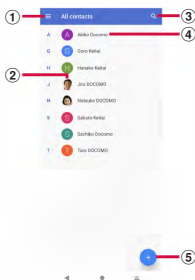
- 1 **From the Home screen,**  **[docomo phonebook]**
 - The Contacts list screen appears.

❖ 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.154).

■ 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, [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. Japanese Kanji names without registration of phonetic last names and phonetic first names are listed in "他 (Others)" field.
- 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,  ► [docomo phonebook] ► Select a contact.
- 2 On the profile screen, tap the phone number.

Editing a contact

- 1 From the Home screen,  ► [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,  ► [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,  ► [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.115).
Cloud menu*	Display cloud menu.
d ACCOUNT setting	P.46
International use setting	Set whether to use the functions which allow communication such as synchronizing to cloud or setting when docomo phonebook is used overseas.
Service quality improvement	Set whether to send service quality improvement to DOCOMO. • It turns on when use of the cloud is started.
Accounts	P.186
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 sort method to "First name"/"Last name".
Name format	Set the name format to "First name first"/"Last name first".
Phonetic name	Set display of phonetic name in a contact.
Import	Import contacts (P.115).
Export	Export contacts (P.115).

Specified number rejection	Set call rejection (P.110).
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* 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,**
 ► **[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 the information

- 1 **From the Home screen, ▶ [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

You can import phonebook entries from a microSD card or nano UIM card, or export to a microSD card. Exported information is useful when you transfer data to another phone etc. Also, you can send all phonebook data via Bluetooth function, Email, etc.

- You can also use an online synchronization service to synchronize your contacts (P.187).
- For exporting to/importing from a microSD card, insert a microSD card in advance (P.37).

- 1 **From the Home screen, ▶ [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.

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)

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.

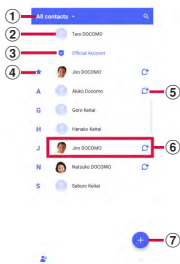
For details on +Message, from the Home screen, [+Message] ▶ [MyPage] ▶ [How to use] ▶ [Use guide] to refer to use guide, or refer to the following NTT DOCOMO website. https://www.nttdocomo.co.jp/service/plus_message/ (in Japanese only)

From the Home screen,

[+Message].

- To display the contacts or the message list screen, tap [Contacts] or [Message] respectively from the bottom menu.

■ 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.

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 **From the bottom menu, [Message]**
 ▶▶ **[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 : Switch to the text entry screen
- ⑪ : Switch to the voice recording screen
- ⑫ : Switch to the map screen
- ⑬ : Select contacts/Sketch/file sharing

Short Message Service (SMS) information

- You can send/receive it to/from users of overseas network operators. Refer to NTT DOCOMO website for the countries/regions, 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 **From the bottom menu, [Message] ► Select a thread you want to read.**
 - Functions used for replying to messages (P.118)

Forwarding a message

- 1 **From the Home screen, [+Message].**
- 2 **From the bottom menu, [Message] ► 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 **From the bottom menu, [Message] ► 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 **From the bottom menu, [Message] ► Select a thread you want to delete.**
- 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 From the bottom menu, [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 From the bottom menu, [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.46) or email account by following the onscreen instructions, if you have not already done so.

❖ 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.**
 - Tap ▼ to add Cc or Bcc recipients.
- 4 Enter a subject and message.**
- 5 ► (Send).**

❖ Information

- To attach a file, tap  while creating a Gmail and follow the onscreen instructions to select files.

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.
- 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
 - During a voice call (except for VoLTE voice calls)
- If the permission of phone calls & SMS is OFF on the main-user (owner) settings, sub-user cannot receive disaster/evacuation information.
- Area Mail may not be received when available memory of the terminal is low or tethering is set in 3G area, or while using packet communication.

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,**
 ► **[Disaster kit].**
- 2 [Early Warning "Area Mail"] ► [Area Mail].**
- 3 Select an Area Mail from the Area Mail list.**

Deleting Area Mail

Deleted Area Mail messages cannot be restored.

- 1 From the Home screen,**
 ► [Disaster kit].
- 2 [Early Warning "Area Mail"] ► [Area Mail].**
- 3 From the Area Mail list, touch and hold any Area Mail ► [Delete] ► [DELETE].**

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 on 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.125).
- 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 .
• 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  ► **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].

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.
Privacy and security	Set to access payment methods, pre-load web pages, etc. or delete browsing history data.
Safety check	Check whether your device is protected from data intrusion or threats from unsafe websites or not.
Notifications	Set notification method for Chrome.
Theme	Set the theme for Chrome.
Homepage	Set a page which appeared when  is tapped.
Accessibility	Set the font size, zooming, etc.
Site settings	Set Cookie, JavaScript, or other settings related to website.

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 photos or videos that you capture on the terminal are stored to the internal storage or a microSD card.
- To save to a microSD card, insert and change the saving location before using the camera (P.136).
- 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

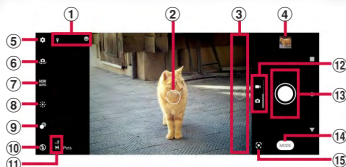
1 From the Home screen, [Camera].

- A shooting screen appears.

❖ Information

- Alternatively, swipe (flick)  on the lock screen to activate the camera quickly.
- 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.135) and Save location (Geo-tag) 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

③ Switch to triple-lens/Zoom indicator

- Tap to switch the lens to wide angle (📷), telephoto (📷), superwide angle (📷) in the order.
- When performing zoom operation, the zoom indicator is displayed and the icon changes to the set 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 HDR setting (P.137)

⑧ Adjust brightness/color tone (P.137)

⑨ Set bokeh effect (P.137)

⑩ Flash setting (P.138)

⑪ Scene/Condition

- In "PHOTO" mode, the camera determines and detects the scene, and displays the icon. Also, the icon appears when the camera is moving (🚶), or stabilized (📵), or an object is moving (👤).
- Scene/condition does not appear if you tap of brightness/color tone (P.137) 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 shooting (video)

- Depending on setting, an icon of Self-timer or Touch capture icon is displayed.

⑭ Change the capturing mode (P.130)

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 triple-lens switch icon up or down (for portrait view, left or right) to operate the zoom indicator
 - Set "Use Volume key as" (P.136) 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 wide angle (📷) if you switch the 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.**
 - How to shoot (P.132, P.133)

Changing the capturing mode

You can use the capturing mode such as "Night mode", "Manual", "Slow motion", "Portrait selfie" other than "PHOTO" and "VIDEO" to shoot various photos or videos.

- 1 **From the Home screen, [Camera].**
- 2 **In the shooting screen, [MODE]▶ Select the capturing mode.**
 - When  is displayed on the shooting screen in each mode, tap it to return to "PHOTO" mode.

■ Main capturing mode and Still image size/Video size

Capturing mode	Still image size/Video size	
PHOTO/ Night mode/ Manual	Camera : 4:3 (12MP) 16:9 (9MP) 1:1 (9MP) 21:9 (7MP)	Front camera : 4:3 (8MP) 16:9 (6MP) 1:1 (6MP) 21:9 (5MP)
VIDEO	Video camera : 4K (16:9) 4K (21:9) Full HD (21:9) Full HD (16:9) Full HD (16:9 60fps) 1080x1080 (1:1) HD VGA	Front video camera : Full HD (21:9) Full HD (16:9) 1080x1080 (1:1) HD VGA

* Image size varies by lens you selected.

❖ Information

- Since shooting in the "Night mode" mode takes long to complete, keep the camera stabilized until the shooting is complete.
- 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.
- Switching the triple lens is available only in "PHOTO", "VIDEO" and "Night mode" modes. In "Manual" and "Slow motion" modes, use the zoom operation.

- To save the following shot data to microSD card, using the microSD card (UHS speed class 1 or more or Speed Class 10) which supports high-speed writing is recommended.

- 4K video
- Slow motion

■ 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 touched and held.

■ Shooting with Touch capture

- Set "Touch capture" (P.136) 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 touched and held.

■ Shooting with the volume key

- Set "Use Volume key as" (P.136) 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 pressed, 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.

- Hand Shutter is available for shooting with front camera in "PHOTO" and "Manual" modes. It is not available for "Night mode" and "Portrait selfie" modes.
- Setting "Auto capturing" (P.135) to "Hand Shutter" is required.

<Example> When shooting in "PHOTO" mode

- 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" and "Manual" modes. However, in "PHOTO" mode, you may not use the continuous shooting in a dark place. Also, the front camera does not support the 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 faces of objects are detected, frames appear at each face position (up to 5 frames). Only the frame for a face which is automatically focused on is displayed 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.136) 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 volume key

- Set "Use Volume key as" (P.136) 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 shooting videos.
- When you connect commercially available earphones 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 the setting item.

- For some capturing modes, tap  on the shooting screen to set.

3 Change the setting.



You can check the introduction to features of the camera.

Self-timer : "PHOTO" 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.

Still image size : "PHOTO", "Night mode", "Manual" 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.

Object tracking : "PHOTO", "VIDEO" mode¹

Tap an object on the shooting screen to keep focusing on even if it is moving.

■ **Touch to adjust : "Manual" mode *1**

Set functions to be adjusted at the tapped position on the shooting screen.

Object tracking

Tap an object to keep focusing on even if it is moving.

Focus only

Focus on an object.

Focus and brightness

Focus on an object and adjust the brightness.

■ **Metering : "Manual" mode *1**

Measure the brightness on the shooting screen to determine a well-balanced exposure automatically.

Face

Detects faces, measures the brightness, and adjusts exposure to set the appropriate brightness level.

Center

Put emphasis at the center of the shooting screen to perform photometry for overall screen and adjust the exposure.

Spot

Measure photometry only at the center of the shooting screen to adjust the exposure.

Average

Perform photometry with dividing the screen into multiple sections and adjust the exposure for overall balance.

■ **Auto capturing/Auto capturing (video) : "PHOTO", "VIDEO", "Night mode", "Manual" mode**

Set the function of shooting automatically.

Smile Shutter

Shoot at the moment when an object smiles. While video shooting, shoot photos at the moment when an object smiles.

Hand Shutter : "PHOTO", "Manual" mode *2

Turn your palm toward the front camera to shoot automatically (P.132).

■ **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)".

■ **Soft skin effect : "PHOTO", "Night mode", "Manual" mode**

Set whether to shoot applying smooth skin correction.

- **Lens correction (photo) : "PHOTO", "Night mode" mode*1*3**
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.
 - This feature setting is disabled when shooting continuously (consecutive shot) and the setting changes to "Prioritize image quality" automatically.
- **QR Code reader : "PHOTO" mode*1**
Set whether to scan QR codes.
- **Save location**
Set whether to tag photos/videos location information (Geo-tag) for the shooting spot.
 - Location information is added when shooting if  appeared on the shooting screen.
 -  appears while acquiring location information. While acquiring location information, geo-tags cannot be added when shooting photos.
- **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 grid line 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.
- **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.
- **Accessibility**
The information about correspondence of the restrictions by European law appears.
- **Reset settings**
Reset the camera settings. "PHOTO", "VIDEO", "Night mode", and "Manual" mode settings are reset.

- **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 Available only when shooting with the front camera
- *3 Only available for super wide-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.

- **HDR : "PHOTO", "Manual" mode**
Set whether to shoot photos with natural impression in a state closer to that seen with the eye even when there is contrast in brightness.



- When "HDR" is On in "Manual" mode, ISO is set to "AUTO".

- **Brightness/shade of color : "PHOTO", "VIDEO", "Night mode", "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.

- **Aspect ratio : "Night mode", "Manual", "Portrait selfie" mode**

Set aspect ratio of photo to shoot. Still image size varies by the setting.



- **Bokeh : "PHOTO" mode**
Shoot photos with bokeh effect.
 ► Drag the marker to set.

■ Self-timer : "PHOTO", "Night mode", "Manual", "Portrait selfie" mode

Set the number of seconds for the self-timer.

The shutter icon changes into the 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", "Manual" 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

■ Manual advanced setting : "Manual" mode

You can set white balance, ISO, etc. manually. Tap  to show/hide the setting icons.

White balance

Set according to the ambient light source.

Tap  to set.

 Incandescent

 Fluorescent

 Daylight

 Cloudy

 AUTO

Brightness (EV)

 Tap a point on the bar or drag the marker.

ISO

 Tap a point on the bar or drag the marker.

- With high ISO sensitivity, you can shoot bright photos with blur reduced even in low light. However, noise stands out.
- With low ISO sensitivity, you can shoot with noise kept low. However, images may be dim and blurred when shooting in low light.

Shutter speed

Set the shutter speed according to moving speed etc. of object.

 Tap anywhere on the bar or drag the marker.

Focus mode

Set according to distance from an object to focus on.

 Tap anywhere on the bar or drag the marker.

■ 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.

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, open the Google account menu in the Photos screen▶Tap [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  ► [Move to trash].

- Files moved to the trash will be cleared from the Google account and its synced device (the terminal) after a certain period of time.
- To clear them only from the device (the terminal) but keep in the Google account, confirm that they are backed up to the Google account and then tap
⋮ ► [Delete from device] ► [Delete from device].

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 (P66).
- 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 (P46).
- 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 communication. 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 ▶[Settings]▶[Network & internet]▶[Mobile network]▶  of "Mobile data".
- Some applications may be updated automatically.

Uninstalling an application

- 1 From the Home screen, [Play Store].**
- 2 Open the Google account menu.**
- 3 [My apps & games]▶ Tap "Installed" tab.**
- 4 Tap the applications to uninstall▶ [Uninstall]▶ [Uninstall].**
 - 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, points, etc. to the IC card of the terminal to check the balance or points on the screen. Also, you can prevent from being abused in case of theft or loss by locking Osaifu-Keitai function.

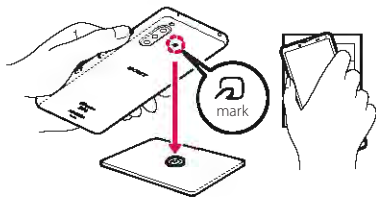
For details on Osaifu-Keitai, see NTT DOCOMO website.

- Make settings from the dedicated website or application to use Osaifu-Keitai compatible services.
- The data in the IC card* 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. To keep your important data, be sure to use Osaifu-Keitai compatible services with backup services.

- If the data in the IC card is lost, altered or damaged by any means such as malfunction or model change, DOCOMO assumes no responsibility for the loss related to Osaifu-Keitai compatible services.
- If the terminal is stolen or lost, immediately contact DOCOMO and the Osaifu-Keitai compatible service provider to inquire about suspension of use etc.
- * Data saved in the IC card installed in the Osaifu-Keitai compatible terminal

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,  [Settings]  [Device connection]  [Connection preferences].**
- 2 **[NFC/Osaifu-Keitai]  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 NFC/Osaifu-Keitai function is not available.

Using "Osaifu-Keitai compatible service"

To use the Osaifu-Keitai compatible service, set services in the Osaifu-Keitai app.

- Enable NFC/Osaifu-Keitai function in advance (P.144).

1 From the Home screen,

 **[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.172) or the setting of "Data Saver" (P.166).
- 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 some functions may not be available via communication other than sp-mode depending on Osaifu-Keitai compatible services which you use. Note that ahamo plan does not support sp-mode.

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.182) or "Fingerprint Manager" (P.184), cancel it and then use the function.

1 From the Home screen, **[Settings]** **[Device connection]** **[Connection preferences].**

2 [NFC/Osaifu-Keitai]▶ ➤ of "NFC/Osaifu-Keitai lock ON/OFF".

■ 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 and others.

Using the contactless payments

- Enable NFC/Osaifu-Keitai function in advance (P.144).

- 1 **From the Home screen, [Settings]▶[Device connection]▶[Connection preferences].**
- 2 **[NFC/Osaifu-Keitai]▶[Contactless payments].**
- 3 **[Payment default]▶Select an application▶[OK].**
- 4 **[Use default]▶[Expect when another payment app is open]/[Always].**
- 5 **Hover  mark of the terminal over an IC card reader which has the contactless payments mark.**

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)

Music

Use Music to play back music stored in the internal storage or a microSD card.

- Available codec of data that can be played (P.229)

Playing music data

Do not unmount a microSD card (disable reading/writing) (P.179) while playing music.

- 1 From the Home screen,**
 ► **[Music].**
- 2 ≡ ► Select the category ► Select a song to play.**

❖ Information

- Tap  to return to the Home screen with a song played in background. From the Home screen,  ► **[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.
- For details on "Audio settings", refer to "Sound" (P.176).

- 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.158).

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.33). 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'/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.157) and Mobile data (P.161) 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,**
 ► **[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.66).
- Google Maps does not cover the whole world.
- For details on Google Maps, open the Google account menu ► [Help & feedback] ► [Help] to see Support.

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.149) 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 .

Schedule

Displaying schedule

1 From the Home screen, ▶ [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,**
 ► [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,**
 ► [Schedule] ► **Display a date/
time including events.**
 - 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  ► [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,**
 ► [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, stopwatch, timer or bedtime.

- For details on Clock, see the Support from the current Clock screen,  [Help].

Setting an alarm

- 1 **From the Home screen,**
 [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,**
 [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,**
 [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,**
 ► [Clock] ► "Timer" tab.
- 2 **Tap numbers to set a time.**
- 3 .
- 4 **To stop the timer sound, tap** .

❖ Information

- To stop the timer sound when the screen is locked, tap .
- You can set Timer sound, etc., in the timer screen, tap  ► [Settings].

Using Stopwatch

- 1 **From the Home screen,**
 ► [Clock] ► "Stopwatch" tab.
 - 2 .
 - 3 .
- To resume it, tap .
 - Tap [Reset] to delete the measurement result.

Using Bedtime

Set operations of the terminal while sleeping or when waking up, play of pleasant sound before sleeping, or others for supporting your comfortable sleep.

- 1 **From the Home screen,**
 ► [Clock] ► "Bedtime" tab.
- 2 **Tap BEDTIME and WAKE-UP time in the "Schedule" card to set the time.**
 - You can set reminder for bedtime, operations in bedtime mode, and operations when waking up.
 - In the "See recent bedtime activity" card, you can check the condition of the terminal operations recorded in bedtime mode.
 - In the "Listen to sleep sounds" card, you can play pleasant sound.
 - In the "See your upcoming events" card, you can check the next day schedule registered to the Calendar application.

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 model, OS or file type.
- Phonebook entries that can be backed up are the ones registered to the docomo account.
- When the battery level is low, copy, backup or restoration may be failed.
- For details on docomo Data Copy, refer to NTT DOCOMO website.

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, [Home] [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.

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.
- Contacts without name registration cannot be backed up.
- If the terminal or microSD card is low on memory, backup up/restoration may be failed.
- 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" (P172) is activated at that time. Instead, it will be executed the next time when the backup activation is possible.

Backup

Back up the data such as phonebook entries or media files to a microSD card.

- 1 From the Home screen,  ► [Data Copy] ► [Backup & Restore].**
 - You can set a password for backup data and encrypt the data when the encryption settings screen appears. Confirm the precaution and then follow the onscreen instructions.

2 [Backup].

- 3 [Start backup] ► [BACKUP].**
 - The selected data can be saved to the microSD card.

4 [Back to top].

Restore

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

- 1 From the Home screen,  ► [Data Copy] ► [Backup & Restore].**
 - You can set a password for backup data and encrypt the data when the encryption settings screen appears. Confirm the precaution and then follow the onscreen instructions.

2 [Restore] ► [next] ► [Restore] ► [RESTORE].

- The selected data is restored to the terminal.
- 3 [Back to top].**
 - When the periodical backup schedule is not set, "Set a backup schedule" appears. Follow the onscreen instructions.

Copying phonebook entries to docomo account

Copy contacts registered to your Google account to the docomo account.

1 From the Home screen, ► [Data Copy] ► [Backup & Restore].

- You can set a password for backup data and encrypt the data when the encryption settings screen appears. Confirm the precaution and then follow the onscreen instructions.

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, ► [Settings].

Network & internet	P.157
Device connection	P.167
Appearance	P.168
Apps & notifications	P.168
Battery	P.172
Display	P.173
Sound	P.176
Storage	P.178
Privacy	P.179
Location	P.180
Security	P.181
docomo service/cloud	P.185
Accounts	P.186
Accessibility	P.187
Digital Wellbeing & parental controls	P.189
Google	P.190
System	P.190
About phone	P.195

❖ Information

- A recommended setting item 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, [Settings] ► [Network & internet].

Wi-Fi	P.157
Mobile network	P.160
Airplane mode	P.163
Hotspot & tethering	P.163
Data Saver	P.166
VPN*	P.166
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 keep the comfortable communication environment by switching to the most suitable network (mobile network/Wi-Fi) automatically.

* 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) 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 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, [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, ▶

[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].

❖ 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 connect 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.46).

Deleting connecting Wi-Fi network setting

1 From the Home screen, ▶

[Settings]▶[Network & internet]▶[Wi-Fi].

2 Tap the Wi-Fi network that is connected.

3 [FORGET].

- Tap [DISCONNECT] to disconnect the Wi-Fi network.

Adding a Wi-Fi network manually

- Turn Wi-Fi on beforehand (P.157).

1 From the Home screen, ► [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.

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, ► [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.
Notify for public networks	Set whether to notify you when any high quality Wi-Fi open network is detected.
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.160

*1 You can set this item when Location (P.180) is ON.

*2 Appeared when [Advanced] is tapped.

❖ Information

- To check/delete saved Wi-Fi networks, set auto-connection, or share the Wi-Fi, from the Home screen,  ► [Settings] ► [Network & internet] ► [Wi-Fi] ► [Saved networks].
- To check your Wi-Fi data usage, from the Home screen, tap  ► [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.157, P.180).

1 From the Home screen,  ► [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,  ► [Settings] ► [Network & internet] ► [Mobile network].

Use SIM	Set whether to use the nano UIM card which is installed to the terminal.
XXX used	Mobile data usage amount, set data warning value, etc. are displayed.
Mobile data	P.161
Data roaming	P.204
App data usage	Check mobile data usage per each application for the period which is specified in "Mobile data usage cycle" (P.161), or set Data warning & limit by tapping  (P.161). • To set restriction of background mobile data communication, etc. of each application, select an application displayed below the graph.
Data warning & limit	P.161
MMS messages ^{*1}	Appeared when "Mobile data" is OFF. However, MMS is not available for the terminal.
4G Calling ^{*1}	P.205
Preferred network type ^{*2}	P.204

Automatically select network*2	P.204
Choose network*2	Search available networks when "Automatically select network" is set to OFF.
Access Point Names*2	P.162

*1 The display may differ depending on usage condition.

*2 Appeared when [Advanced] is tapped. However, they may be displayed without tapping [Advanced] depending on your operation condition.

❖ Information

- When "Use SIM" is OFF, functions such as calling or packet communication are not available. Also, some items may disappear from the Setting menu, the display may be changed, or some functions may become unavailable.

Enabling/Disabling mobile data communication

1 From the Home screen,  ► **[Settings] ► [Network & internet] ► [Mobile network].**

2 /  of "Mobile data".

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,  ► **[Settings] ► [Network & internet] ► [Mobile network] ► [Data warning & limit].**

Mobile 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.
 - For subscriber of other than ahamo plan
You can check your mobile data usage on My docomo.
 - For subscriber of ahamo plan
You can check your mobile data usage on ahamo website.
- 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 (spmode.ne.jp) is already registered. You can add or change it if necessary. For details on sp-mode, refer to NTT DOCOMO website.
<https://www.nttdocomo.co.jp/service/spmode/> (in Japanese only)

■ Checking the access point in use

- 1 From the Home screen, [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, [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].**

❖ 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,  ► [Settings] ► [Network & internet] ► [Mobile network] ► [Advanced] ► [Access Point Names].**
- 2 **: ► [Reset to default].**

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,  ► [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.
- Depending on Bluetooth device that is currently connected, communication may be maintained even if Airplane mode is ON.

Using tethering function

Use tethering function which allows wireless LAN devices, USB devices, or Bluetooth devices and LAN port support 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 cannot be used when neither Wi-Fi nor mobile data communication is not available on the terminal.
- Up to 15 (portable hotspot : 10, USB tethering or Ethernet tethering : 1, Bluetooth tethering : 4) can be connected at the same time.
- When Data Saver (P.166) 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,  ► [Settings] ► [Network & internet] ► [Hotspot & tethering].**
- 2 **[Portable hotspot] ► .**

❖ Information

- When you start using the portable hotspot during Wi-Fi network connection, Wi-Fi connection is disconnected. When using the portable hotspot is ended, the terminal is automatically connected to Wi-Fi network.
- To display the QR code for password of Wi-Fi access point, in Step 2, tap [Portable hotspot] ►  for "Hotspot name".

Changing the portable hotspot settings

You can change the default network name (SSID), security setting, password, or frequency band.

- 1 From the Home screen,  ► [Settings] ► [Network & internet] ► [Hotspot & tethering] ► [Portable hotspot].**
- 2 [Hotspot name] ► Enter the network name (SSID) of the Wi-Fi hotspot name ► [OK].**
 - The device name of the terminal is set by default.
- 3 [Security] ► Tap a security type you want to set.**
- 4 As required, [Hotspot password] ► Enter a password ► [OK].**
 - By default, a password is set in a random manner.

5 [AP Band] ► [2.4 GHz Band]/[5.0 GHz Band preferred].

❖ Information

- In Step 2, if you tap [Advanced] ► [Turn off hotspot automatically] and specify time, the portable hotspot will turn off automatically when the specified time has elapsed without connecting to wireless LAN devices.
- In Step 2, you can set whether to allow the terminal to be detected from [Advanced] ►  of "Make network name discoverable".
- When "5.0 GHz Band preferred" is selected in the AP Band, the portable hotspot is not available for several minutes while checking radio wave interference by weather radar etc. Also, 2.4 GHz is used while 5 GHz is not available.

Enabling USB tethering

- 1 Connect the terminal to a PC with USB cable A to C 02 (optional) etc. (P.42).**
 - 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].
- 2 From the Home screen,  ► [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, [Settings]►[Network & internet]►[Hotspot & tethering].**

2 of "Bluetooth tethering".

❖Information

- To connect the terminal from a Bluetooth device, perform pairing (P.198) and then set the connection method for connecting the terminal. For operation on a Bluetooth device, refer to the manuals of the Bluetooth device.

Enabling Ethernet tethering

You can allow LAN port support devices to access the Internet using a wired LAN adapter (commercially available) etc.

- 1 **Connect a wired LAN adapter to the terminal and then connect the terminal to the LAN port support device using a LAN cable.**
- 2 **From the Home screen, [Settings]►[Network & internet]►[Hotspot & tethering].**
- 3 **Tap of "Ethernet tethering".**

❖Information

- Do not connect a wired LAN adapter plug forcibly. Forcible connection may cause damage.

Data Saver

Restrict the mobile data communication performed by applications in the background to reduce the data usage.

1 From the Home screen,  ►
[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.

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,  ►
[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,  ►
[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, **[Settings]** ▶ **[Device connection]**.

Pair new device	P.198
Connection preferences	P.167

❖ Information

- When the terminal is connected to a device, the device information may be displayed above "Pair new device". Tap the item or  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, **[Settings]** ▶ **[Device connection]** ▶ **[Connection preferences]**.

Bluetooth	Turn On/Off of Bluetooth device, or pair with a Bluetooth device.
Files received via Bluetooth	P.200
Chromebook	Link the terminal with Chromebook.

Nearby Share	Share your files with nearby compatible devices.
Android Auto	Connect Android Auto devices or set operation etc. when connected. • When the application update screen appears, follow the onscreen instructions.
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/Osifu-Keitai	P.144, P.145, P.146
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.
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,

 [Settings] ► [Appearance].

Wallpaper	P:83, P:99
Clocks	Set a clock for the lock screen.
Multitasking usage guides	You can check each guide of Side sense, Split-screen (Multi-window) and Pop-up window.

Apps & notifications

1 From the Home screen, ►

[Settings] ► [Apps & notifications].

Recently opened apps ^{*1}	Display the recently activated applications. Tap an application to display the app info.
SEE ALL XX APPS ^{*1}	P:169
Conversations	The conversations etc. messaging applications whose notification is set to "Default" (P:68) and you can check/change the settings.
Configure notifications	P:171
Screen time	Check usage time per application, or set a timer for each application to restrict usage time of a day.
Default apps ^{*2}	Check/change the default application.
Permission manager ^{*2}	Check/change the app permissions.
Wireless emergency alerts ^{*2}	Set "Early Warning" Area Mail ^{***} .
Special app access ^{*2}	Check/change the applications, etc. which can access the functions or information of the terminal.

^{*1} The display may differ depending on usage condition.

^{*2} 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, [App Icon] ► [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.170, P.170
FORCE STOP	P.169
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, [App Icon] ► [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, [App Drawer Icon] ► [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.170).
- Applications downloaded from Google Play are recommended to be uninstalled from the Google Play screen (P.142).
- 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, [App Drawer Icon] ► [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.170), default apps settings (P.169), restriction of background data (P.169), app permissions (P.58), etc.

1 From the Home screen, [App Drawer Icon] ► [Settings] ► [Apps & notifications] ► [SEE ALL XX APPS].

2 [⋮] ► [Reset app preferences].

3 [RESET APPS].

Configure notifications

Check notification history or set ON/OFF of the notification display. Also, you can change the operation of the notification LED or the setting of notifications on the lock screen.

- 1 **From the Home screen,**  **► [Settings] ► [Apps & notifications] ► [Configure notifications].**

Notification history	Set whether to display notification history or check the notification history.
Bubbles	Set whether to permit the display of floating icon (Bubbles) (P.68).
RECENTLY SENT	Display the 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.
Hide silent notifications in status bar ^{*2}	Set whether to display the notification icons which are set to "Silent" (P.68) on the status bar.
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.
Notification dot on app icon ^{*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.65).
Notification sound ^{*2}	P.178

Battery

1 From the Home screen, [Settings] > [Battery].

Do Not Disturb*2	TURN ON NOW/TURN OFF NOW	Set Do Not Disturb to ON/ OFF manually.
People		Set rules to allow conversation, the incoming call, + Message notifications to interrupt when Do Not Disturb is ON.
Apps		Set applications and the rule to allow the notifications to interrupt when Do Not Disturb is ON.
Alarms & other interruptions		Set functions to allow the notifications to interrupt when Do Not Disturb is ON.
Schedules		Set the schedule to turn on Do Not Disturb automatically.
Duration for Quick Settings*2		Set the timing for turning off the function when Do Not Disturb is manually set to ON.
Display options for hidden notifications*2		Set the notification operation when Do Not Disturb is ON.

*1 Appeared when "Screen lock" (P.182) is set to "Pattern"/"PIN"/"Password".

*2 Appeared when [Advanced] is tapped.

XX% should last until about XX*	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 set "Turn off when charged" is ON, STAMINA mode becomes automatically OFF when the battery level reaches to 90% while charging. - Tap [TURN ON NOW]/[TURN OFF NOW] to turn on/off STAMINA mode manually. - To set the STAMINA level, tap [STAMINA level].
Battery Care	P.40
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,  ► [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 which used the battery after full charge or set restriction of use in background per application, from the Home screen, tap  ► [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, ► [Settings] ► [Display].

Image quality settings	Color gamut and contrast	Set the display mode of still images or videos.
	Video image optimization	Enhance contrast or color tone to play videos in image quality with clear presence.
White balance		P.174
Brightness level		P.174
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. You can also set schedule to ON/OFF automatically.
Auto-rotate screen		P.55
Lock screen		P.175
Side sense*		P.175

One-handed mode*	P.78
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*	Apply yellowish tone to the screen so that you can easily see the screen even in low light. You can also set schedule to ON/OFF automatically.
Screen saver*	Set the screen saver.

* Appeared when [Advanced] is tapped.

Adjusting the white balance

- 1 From the Home screen,  ► [Settings] ► [Display] ► [White balance].**
- 2 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 2, "Custom" option is automatically set.

Adjusting the screen brightness

- 1 From the Home screen,  ► [Settings] ► [Display] ► [Brightness level].**
- 2 Tap the slider at a position you want to set, or drag it left or right.**

Setting the lock screen

1 From the Home screen, **[Settings]**►**[Display]**►**[Lock screen]**.

Clocks	Set a clock for the lock screen.
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 ^{*2}	Set whether to enable to add a guest or user from the Quick settings panel (P69) on the lock screen.
Add text on lock screen	Enter a text to be displayed on the lock screen.
Show notifications	Set whether to show notification details on the lock screen. ^{*3}
Keep notifications	Set whether to keep the notification content displayed on the lock screen when you have any notifications.

^{*1} Appeared when "Screen lock" (P182) is set to "Pattern"/"PIN"/"Password".

^{*2} Appeared when "Multiple users" (P194) is set to ON.

^{*3} Displayed items vary depending on the settings of "Screen lock".

Setting Side sense

Make settings for using Side sense feature (P51).

1 From the Home screen, **[Settings]**►**[Display]**►**[Advanced]**►**[Side sense]**.

2 .

View Side sense usage guide	You can check Side sense usage guide.
Side sense menu	Set applications to be displayed in the Side sense menu.
Add headphone controls ^{*1}	Set whether to display the headphone control panel for the "Headphones" application in the Side sense menu.
Multi-window menu	Set pairs of applications to display in the Multi-window menu.
Configure Side sense bar	Set display of the side sense bar.
Side sense bar sensitivity	Set speed of double-tapping to allow the Side sense bar to recognize or length or speed of slide operation.

Sound

1 From the Home screen, [Settings]>[Sound].

Gestures* ²	Assign operations (Gesture operation) to double-tapping/sliding up/sliding down of the Side sense bar.
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.

*1 The display may differ depending on usage condition.

*2 If selecting of the item is not available, once display the Side sense menu and then operate again.

Audio settings	DSEE Ultimate	Set whether to scale up compressed or CD-level sound source in high precision by AI technology. Use headphones supporting high-resolution audio to enjoy the sound quality that is closer to high-resolution.
Media volume		P1.77
In-call volume		
Ring and notification volume		
Alarm volume		
Vibrate for calls		Set vibration for incoming calls.
Do Not Disturb		P1.72
Media		Set whether to hide the control panel for Music etc. from the Quick settings panel. If you hide the one that also appears below the quick setting tool.
Phone ringtone		P1.78
Notification sound		
Default alarm ringtone		

Dial pad tones*	Set whether to emit sound when tapping the dialpad.
Screen locking sound*	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.55).

Adjusting each sound volume

Adjust the media play volume, in-call volume, ring and notification volume, or alarm volume.

- 1 **From the Home screen,**
 ► **[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,
▶[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 any one of [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,
▶[Settings]▶[Storage].

XXXX GB	Used memory and total memory of the internal storage is displayed.
Total used of 128GB*	Used memory/total memory of the internal storage is displayed.
Internal shared storage*	Used memory/total memory of the USB storage is displayed.
USB drive*	Used memory/total memory of the microSD card 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 to delete, tap [Internal shared storage] ► [MANAGE STORAGE].
 - Tap [Internal shared storage] ► [Files], or tap [USB drive]/[SD card] and select the item of "Files by Google" on the application selection screen to check the data or copy/move/delete/share the data (P.196).
 - 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] ► Select item of "Files" on the application selection screen ► ⋮ ► [Storage settings] ► [Format] ► [FORMAT USB DRIVE]/[FORMAT SD CARD].
- Be aware that formatting will erase all their data.

Privacy

1 From the Home screen, ⌘ ► [Settings] ► [Privacy].

Accessibility usage ^{*1}	Check or set applications whose full-access to the terminal are allowed.
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. ^{*2}
Autofill service from Google ^{*3}	Check the saved information or change the setting.
Google location history ^{*3}	Set whether to use the Google location history or manage the saved activities.
Activity controls ^{*3}	Set whether to enable the activities or select the activities and the information to allow Google to save them.
Ads ^{*3}	Reset the advertising ID or set to not use the advertising ID.
Usage & diagnostics ^{*3}	Set whether to send your usage condition to Google.

^{*1} The display may differ depending on usage condition.

^{*2} Displayed items vary depending on the settings of "Screen lock".

*3 Appeared when [Advanced] is tapped. However, they may be displayed without tapping [Advanced] depending on your operation condition.

Location

- 1 From the Home screen,
 ► [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 access to location	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, ► [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.219).
Google Play system update ^{*1}	Check availability of system update.
Screen lock	P.182
Fingerprint Manager	P.183
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.48

Encryption & credentials ^{*3}	Encrypt phone	The internal storage is encrypted by default.
	Storage type	Display the type of credential storage ^{*4} .
	Trusted credentials	Display trusted CA credentials.
	User credentials	Manage the user credentials saved in the terminal.
	Install a certificate	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".
App pinning ^{*3}		Set whether to enable App pinning. When it is set to ON, "Pin" is displayed when the icon at the top of thumbnail in Task manager (P.70) is tapped.

^{*1} The display may differ depending on usage condition.

^{*2} Not displayed if a 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,  ► [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.182) 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, [H]► [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.32) 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 DOCCOMO 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, ▶

[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, ► [Settings] ► [docomo service/cloud].

d ACCOUNT setting	Set up your d ACCOUNT to use docomo applications (P.46). You can also use your biological information (fingerprint) registered on the terminal to set up your d ACCOUNT.
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.
SuguApp	You can quickly activate an application or perform a phone operation with intuitive operations sch as shaking a smartphone (P.75).
docomo location information	Set location information function for imadoco search, imadoco kantan search and Keitai-Osagashi Service.

Send device information	Set whether to send device 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 initial settings	P45
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, the item may be added in the list of docomo service/cloud.

Accounts

1 From the Home screen, [Settings] ▶ [Accounts].

Add account	P:186
Automatically sync app data	P:187

Adding accounts

Add or remove online service accounts.

- Set up your Google account (P:46)
- Auto-sync data (P:187)

1 From the Home screen, [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, [Settings] ▶ [Accounts] ▶ Select the 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,**
 ► **[Settings] ► [Accounts].**
- 2  /  of "Automatically sync app data" ► **[OK].**

Synchronizing manually

When the auto-sync function is off, you can sync your registered account(s) manually.

- That may not be able to operate depending on account type.

- 1 **From the Home screen,**
 ► **[Settings] ► [Accounts].**
- 2 **Select the account ► [Account sync]
► Select items to sync.**

Accessibility

- 1 **From the Home screen,**
 ► **[Settings] ► [Accessibility].**

Osusume hint	Set whether to use Osusume hint service. • Use setting is required in advance (P.185).
Text-to-speech output	P.189
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 magnification.
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 ^{*1}	Set whether to end calls by pressing the power key.
Auto-rotate screen	P55
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 etc. which appears in the upper part of the screen accompanying the operation menu. 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.
System navigation	Change the key icon operation to Gesture navigation.
Mono audio	Set whether to play sound with monaural.
Audio balance	Set the audio balance.
Hearing aids ^{*2}	Pair with a compatible Bluetooth hearing aids (commercially available).

Caption preferences	Set whether to display captions or set font size, style, etc. for the captions.
High contrast text	Set whether to show characters clearly against the background color.
Shortcut from lock screen ^{*3}	Set whether to use the Volume key shortcut from the lock screen.

*1 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.

*2 Appeared when Bluetooth is set to ON.

*3 Appeared when [Advanced] is tapped.

Setting Text-to-speech output

- 1 From the Home screen,  **[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,  **[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, ► [Settings] ► [Google].

2 Set each item.

❖ Information

- To search by voice using a Bluetooth device, in Step 2, tap [Settings for Google apps] ► [Search, Assistant & Voice] ► [Voice] ► of "Bluetooth audio recording".

System

1 From the Home screen, ► [Settings] ► [System].

Languages & input		P.191
Gestures		P.192
Date & time		P.192
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.170
	Erase all data (factory reset)	P.193
Multiple users* ²		P.194
System update* ²		P.219
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, ▶

[Settings]▶[System]▶
[Languages & input].

Languages			P.191
On-screen keyboard	Gboard		P.64
	Google voice typing		
	Manage on-screen 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	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.64).	

Pointer speed*

Set speed of the pointer when using a mouse (commercially available) etc.

Text-to-speech output*

P.189

* Appeared when [Advanced] is tapped.

Changing the phone language

1 From the Home screen, ▶

[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://xperia.sony.jp/support/\(in_Japanese_only\)](https://xperia.sony.jp/support/(in_Japanese_only))

Gestures

1 From the Home screen, ► [Settings] ► [System] ► [Gestures].

Side sense	P175
One-handed mode	P78
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.
Power menu	Set whether to display a controller of smart home devices (commercially available) etc. which are connected to the terminal in the menu appeared when the power key is pressed for at least 1 second.
Power key behavior	Set an application/function to be activated by pressing the power key twice.

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, ► [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" (P191).
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 (P45).

1 From the Home screen, ▶

[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 preinstalled contents can be re-downloaded.

To download, from the Home screen, tap ▶

[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 (ダウンロード)]▶[スマートフォン/タブレットなどの再ダウンロード] (For smartphone/tablet (for re-downloading preinstalled contents))▶[トコモ (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).

1 From the Home screen,  **[Settings]** **[System]** **[Advanced]** **[Multiple users]**.

2 .

You (Owner)* ¹	Check or edit profile information. When someone who is not an owner uses the terminal, "Owner"*¹ is displayed and you can switch to the owner by tapping it.
Add guest	Add a guest. When a guest is added and someone who is not a guest uses the terminal, "Guest" is displayed. - Tap [Guest] while the owner uses the terminal to switch guests, set call function, or remove guests. - 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. When switching to an added user for the first time, the initial setting is needed. Follow the onscreen instructions. - For users who completed and not completed the initial settings, "(Google account name)" or "New user" is displayed respectively. - By tapping the user whom an owner added when using, switching to the user, setting use permission of calling and +Message, and removing the user are available. - Tap a user who currently uses the terminal to check or edit the profile.
Add users from lock screen* ²	Set whether to enable to add a guest or user from the Quick settings panel (P.69) on the lock screen.

*¹ The display may differ depending on usage condition.

*² Appeared when "Screen lock" (P.182) is set to "Pattern"/"PIN"/"Password" and the owner uses the terminal.

❖ Information

- You can add up to 5 users including an owner and a guest.
- 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, [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.231
Detailed Diagnostics	Set whether to send detailed diagnostics data of the terminal.

SIM status	Check the version, various numbers, status of nano UIM card, battery life, etc.
Model	
IMEI	
Show IMEI barcode	
Android version	
Battery life	
IP address	
Wi-Fi MAC address	
Device Wi-Fi MAC address	
Bluetooth address	
Up time	
Build number	

File management

Storage structure

Phone (Internal shared storage)

Store applications or data which is used by each application, media files such as screenshot images.

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 a microSD card (P.37)

File operations

Use "Files" application to operate the data saved in the internal storage or microSD card.

1 From the Home screen, [Files].

- Recently used files, categories, collection, or storage device are displayed.

2 [Internal storage] of "STORAGE DEVICES".

- The internal storage of the terminal is displayed.
- When a microSD card is installed, "SD card" is displayed for "STORAGE DEVICES".

3 Tap the folder as required.

4 Tap a file.

- Data appears on the status bar.

❖ 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,  ► [Files].
- 2 Tap the storage.
- 3 Tap the folder as required.
- 4  ► [Add new folder].
- 5 Enter a folder name ► [Create Folder].

■ Renaming a folder or file

- 1 From the Home screen,  ► [Files].
- 2 Tap the 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,  ► [Files].
- 2 Tap the storage.
- 3 Tap the folder as required.
- 4 Touch and hold a folder or file you want to delete.
- 5  ► [Delete].

■ Copying/Moving a folder or file

- 1 From the Home screen,  ► [Files].
- 2 Tap the 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 Tap the storage to copy/move to.
- 7 In any location, tap [Copy here]/[Move here].

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.228)

❖ 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  ► [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,  ► [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, [Home] ► [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.
- **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  on the right of paired Bluetooth device name.
- To unpair, tap  on the right of the Bluetooth device you want to unpair ► [FORGET] ► [FORGET DEVICE].

Connecting the terminal with a Bluetooth device

- 1 **From the Home screen, [Home] ► [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, [Home] ► [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 ▶ [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.42).**

- 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].

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/regions 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.204).

❖ Information

- To use +Message application overseas, setting on +Message application is required (P.119).
- 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.69).

Before using overseas

Before leaving Japan

To use the terminal overseas, check the following in Japan.

■ Subscription

- Check if you subscribe to WORLD WING. For details, ask the contact on the last page.
- To use with ahamo plan, WORLD WING is not needed to apply but cannot be abolished.

■ Charging

- For charging, refer to NTT DOCOMO website.

■ Usage charge

- Overseas usage charges (call, packet communication) differ from those in Japan. For details, refer to NTT DOCOMO website. And before using with ahamo plan, make sure to confirm the details on the ahamo 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.111) to "Activate service". You can set Remote operation settings in a traveling destination (P.209).
- 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.204) 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,  ► [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,  ► [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,  ► [Settings] ► [Network & internet].
- 2 [Mobile network] ► [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, [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.192)

About inquiries

- For loss or theft of the terminal or 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 place you stay is needed.
- For ahamo plan users, inquire via the ahamo website.

Making/Receiving a call in the place 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.
- Refer to NTT DOCOMO website for the information about available countries/regions and the overseas network operators.

Making a call to outside the place you stay (including Japan)

You can make calls from the place you stay to the other countries/regions using the international roaming service.

- You can easily make international calls from the place you stay to Japan or other countries/regions 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 countries/regions 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 the place you stay to the other countries/regions with simple operation by using International dial assist.

- Set "Auto conversion" (P.209) 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/region 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/region as the other party.

- Since it is communication via Japan regardless of place you stay, dial in the same way as international call to Japan.
+ (Touch and hold [0]) - 81 (Country code of Japan) - Phone number without a leading "0".

Receiving a call in the place you stay

You can receive calls with the same operation as that in Japan even when you stay overseas.

❖ Information

- When you received calls during international roaming, they are forwarded internationally from Japan regardless of from which country/region. 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 place 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 place 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 place 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 of the place to call from and "81" (Country code of Japan).

International access number of the place to call from- 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].

3 [Network service/roaming settings].

- If the confirmation screen of Transmission of User Information appears, confirm the content and then follow the onscreen instructions.

4 [Roaming settings].

Incoming call restriction while roaming	Set to restrict incoming calls during international roaming.
Incoming call notification while roaming	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.
Network service	P.209

Setting International dialing assist

- 1 From the Home screen,  ► ⋮ .
- 2 [Settings] ► [Calls].
- 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.111) to "Activate service" in advance.
- If you make the settings overseas, you are charged a call fee to Japan from the place you stay.
- For some overseas network operators, settings may not be made.

- 1 From the Home screen,  ► ⋮ .
- 2 [Settings] ► [Calls].

3 [Network service/roaming settings].

- If the confirmation screen of Transmission of User Information appears, confirm the content and then follow the onscreen instructions.

4 [Roaming settings] ► [Network service].

Remote operation (charges apply)	Set whether to start Remote operation.
Caller ID notification request service (charges apply)	Play a guidance asking for notifying caller ID when there is an incoming call without caller ID.
Incoming call notification while roaming (charges apply)	P.208
Roaming guidance (charges apply)	P.208
Voicemail service (charges apply)	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 service (charges apply)	Forward incoming calls to another mobile phone etc. that is registered in advance. Separate subscription is required.

- 5 Follow the onscreen instructions to operate.**
- 6 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.204).
- **If you cannot connect to DOCOMO network automatically after returning to Japan**
 - Set "Preferred network type" (P.204) to "5G/4G/3G/GSM".
 - Turn on "Automatically select network" (P.204).

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.219).
- If your problem persists even if you check the troubleshooting concerning your phenomenon, feel free to ask us. For inquiries, refer to the last page.

■ Power supply

Phenomenon	Cause and handling
Cannot power on the terminal	Check if the battery is not run out. → P.39
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 8 seconds, wait until the terminal vibrates once and then 3 times consecutively, and then release your fingers 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.41 • When using an AC adapter (optional), check if the Type-C plug of the AC adapter is connected to the terminal correctly. → P.41 • 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.39

Phenomenon	Cause and handling
Battery Care charging does not start	For setting of Auto, Battery Care charging does not start unless the learning is complete from finding regularity in your charging habit. Set Auto or Always to allow charging to be started in a specified time zone or stopped at a specified charging limit. → P.40
Cannot charge fully	If you remove charging equipment during Battery Care charging, the terminal may not be fully charged. To charge fully, switch to regular charging. → P.40

■ 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. This 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, power off the terminal or set Airplane mode. → P.44, P.163 - The operating time of the battery varies depending on the operating environment and the degradation level of the internal battery. → P.227 - The internal battery is a consumable part. Each time the internal battery is recharged, the battery usage time per one charge gradually decreases. It is a time to replace the internal battery if the usable time becomes extremely short even if it is fully charged comparing with when you purchased the terminal. For replacement of the internal battery, DOCOMO keeps the terminal and accept for a fee. See "Warranty and After Sales Services" (P.223) because we accept as a repair request. - Check if multiple applications are activated. Exit unused applications. → P.70 - When the Wi-Fi function or Bluetooth function is not used, turn off the setting. → P.157, P.198 - 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.172

Phenomenon	Cause and handling
Operations are not possible when tapping or pressing keys	• Check if the power is turned off. → P.43 • Check if you activate the screen lock. → P.182
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 nano UIM card is not recognized	Check if the nano UIM card is inserted in the right direction. → P.34
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.43, P.192

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, from the power OFF status, press and hold the power key until the terminal vibrates, wait until the docomo logo appears, and press and hold the volume down key long. 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.170 • Are the permissions for the application granted? → P.58, P.169

■ Phone call

Phenomenon	Cause and handling
Cannot make a call even if you tap 	Check if you activate Airplane mode. → P.163
The ringtone does not sound	• Is "Ring and notification volume" set to mute? → P.177 • Check if the following functions are activated. - Silent mode → P.55 - Airplane mode → P.163 • Is the ring time for Voicemail service or Call forwarding service "0 sec"? → P.110 • Check if Pick up after in Answering Machine is set to "0 seconds". → P.109 • Check if you set Call Blocking. → P.110

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 reinsert the nano UIM card. → P.34, P.43 • 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.110 • 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 to short time period. → P.173 • Check if the brightness of screen is changed. → P.174 • When "Adaptive brightness" is ON, screen brightness is changed according to the ambient brightness. → P.173 • Check if you cover the Proximity/Light sensor with a sticker etc. → P.32 • 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.107, P.177

■ 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. • For video shooting, set "Video stabilization" and then shoot. → P.135
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.

■ Osaifu-Keitai

Phenomenon	Cause and handling
Osaifu-Keitai function is unavailable	• Note that setting Omakase Lock disables the Osaifu-Keitai function regardless of the NFC/Osaifu-Keitai lock ON/OFF setting. • Check if NFC/Osaifu-Keitai lock ON/OFF is set. → P.145 • Check if "NFC/Osaifu-Keitai" is OFF. → P.144 • Check if you hover  mark over an IC card reader. → P.144

■ 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.

Phenomenon	Cause and handling
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.204 -Turn on "Automatically select network". →P.204 • Turning the power off and on may solve the problem. →P.43
Cannot perform data communication overseas	Turn on "Data roaming".→P.204
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.
Cannot receive calls overseas	Is "Incoming call restriction while roaming" set to "Activate restriction"? →P.208

Phenomenon	Cause and handling
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 install the microSD card. →P.37
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.198
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.

Phenomenon	Cause and handling
The terminal screen does not appear on the display of connected device	Without via DisplayPort compatible USB Type-C cable (commercially available), the screen cannot be displayed on the connected device.

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 nano UIM card is not working properly. Removing and inserting the nano UIM card again may improve the problem. If the problem persists, ask the contact on the last page to consult.
Mobile network not available	Install a nano UIM card correctly (P.34) and move to a location where radio waves can reach.
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.

Error messages	Cause and handling
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.
SIM card is locked	Enter your PIN code (P.48) correctly.
SIM card is PUK-locked	Enter your PUK (PIN Unlock Key) (P.48) 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.170) unnecessary applications.
Memory full	There is no memory space in the internal storage or microSD card. Delete unnecessary data (P.197) 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 spmode.ne.jp.
- For using packet communication via 5G/Xi, the communication charge for downloading is not applied.
- To execute the software update overseas, Wi-Fi connection 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, [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 a message indicating that the communication charge is incurred may appear, the communication charge is NOT incurred when you set to `spmode.ne.jp`.

2 Restart.

- Whenever the update is prepared, the notification or confirmation screen appears.
Tap [Restart Now] to restart the terminal soon.
Tap [Restart after 02:00] to automatically restart in the nighttime.
- * The confirmation screen appears just before the restart. To stop restarting, tap [Not now] within a certain time.

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 the operations are disabled, please contact us. For inquiries, refer to the last page.

- 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

To update by connecting a PC, install the software (Xperia Companion) to execute "software update" on the PC.

Connect the terminal and a PC via USB cable A to C 02 (optional) and then follow the onscreen instructions to install.

Warranty and After Sales Services

Warranty

- The terminal comes with a year's warranty starting from the date of purchase.
- The specifications and the outer appearance of the terminal 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.
- * Some applications or services may not be available depending on your contract. For details, refer to NTT DOCOMO website.

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 repair locations 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 collected terminal may be updated to the latest version due to operation test even if the repair is not executed.
- 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 requesting repair, see "Troubleshooting" (P.211) in this manual to check the problem.

For repair

We accept repair request at a DOCOMO-specified repair office (shop or website). For inquiries, refer to the last page.

Note that repair may take some days depending on trouble condition.

■ 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 reception, refer to NTT DOCOMO website.

However, depending on the trouble part, repair may not be possible due to shortage of repair parts. For details, contact a DOCOMO-specified repair office. For inquiries, refer to the last page.

Precautions

- **Never modify the terminal.**
 - 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, you are recommended to turn the power off the terminal immediately and bring it to a DOCOMO-specified repair location 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 a 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 inquire of the operator via the Q&A site for Anshin Enkaku Support subscribers, LINE, or +Message.

- The screen-sharing service is not available when inquiring via LINE or +Message.

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,  [遠隔サポート (Enkaku support)] ▶ [電話をかける (Call)] ▶ .
- 2 From the Home screen,  [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, **[F4]▶[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, **[F4]▶[遠隔サポート (Enkaku support)]**.
- 2 **[LINE]**.

Inquiring via +Message

- 1 From the Home screen, **[F4]▶[遠隔サポート (Enkaku support)]**.
- 2 **[+Message]**.

Main specification

Changes may occur because of software update, etc. For the latest information, refer to NTT DOCOMO website.

■ The terminal

Product name		SO-52B
Size		Height : Approx. 154mm, Width : Approx. 68mm, Thickness : Approx. 8.3mm (Thickest part : Approx. 9.1mm)
Weight		Approx. 169g
Display	Size	Approx. 6.0 inches
	Type	Organic EL Triluminos® Display for mobile
	Resolution (pixel, width × length)	Full HD+ (1080×2520)
Internal memory		RAM : 6GB ROM : 128GB*1
Battery capacity	Battery capacity	4500mAh
	Watt-hour rating	17Wh
Continuous stand-by time (stationary)*2 *3	4G (LTE)	Approx. 600 hours

Continuous call time ^{*3*4}	4G (LTE)	LTE (VoLTE) : Approx.1,690 min. LTE (VoLTE (HD+)) : Approx.1,680 min.
Charging time		AC Adapter 07 : Approx. 135 min.
Wireless LAN	Standards	Compliant with IEEE802.11a/b/g/n/ac (Corresponding frequency band to IEEE802.11n : 2.4GHz/ 5GHz)
	MIMO support	○ (2×2MIMO)
	MU-MIMO (client) support	○
	MIMO support	IEEE802.11n (2.4GHz/ 5GHz), IEEE802.11ac (5GHz)
	MU-MIMO (client) standards	IEEE802.11ac

Bluetooth	Version	5.1 ^{*5}
	Radio power	power class 1
	Supported profile Codec ^{*6} (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 poles ^{*7}	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 : 1/4.0 inches Camera ② : 1/2.8 inches Front camera : 1/4.0 inches Front camera : 1/4.0 inches
Effective pixels		Camera ① : Approx. 8 million pixels Camera ② : Approx. 12 million pixels Front camera : Approx. 8 million pixels Front camera : Approx. 8 million pixels
Recording file format	Video	MP4
	Still image	JPEG
Maximum recording time per one video		Approx. 360 min.*8

Zoom (digital)	Video	Camera : Up to approx. 5.0 x Front camera : —
	Still image	Camera : Up to approx. 5.0 x Front camera : —
Zoom (optical)	Video	Camera : Up to approx. 2.0 x Front camera : —
	Still image	Camera : Up to approx. 2.0 x Front camera : —
Zoom (digital x optical)	Video	Camera : Up to approx. 10.0 x Front camera : —
	Still image	Camera : Up to approx. 10.0 x Front camera : —
Video play	Compatible codec	H.263, H.264, H.265, MPEG-2 Video, MPEG-4 Video, VP8, VP9, AV1
Music play	Compatible codec	AAC-LC, AAC+, eAAC+, AAC-ELD, AMR-NB, AMR-WB, FLAC, MP3, MIDI, Vorbis, PCM, Opus, ALAC, DSD
Answering Machine	Savable number	No limit*9
	Maximum recordable time per one	Up to 60 seconds

- *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.178).
- *2 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.
- *3 When the use frequency of each function is high, actual usage time may be less than half.
- *4 Continuous call time varies greatly according to the terminal settings, usage environment, use frequency of calling/mail/camera, etc.
- *5 However, procedures may differ or data transfer may not be possible depending on the Bluetooth device's characteristics or specifications.
- *6 Bluetooth standards for Bluetooth device connection procedure according to the product's applications.
- *7 The terminal supports quadrupole headsets that are compliant with the CTIA standard.
- *8 Time of recording with Video size of 1920×1080 (Full HD).
- *9 The number of messages that can be stored depends on the amount of available memory on your terminal.

■ 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>

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,
 ► **[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.

Specific Absorption Rate of Mobile Phone, etc.

Specific Absorption Rate (SAR) Information of Mobile Phones

This model SO-52B mobile phone complies with the Japanese technical regulations and the international guidelines regarding human exposure to radio waves.

This mobile phone was designed in observance of the Japanese technical regulations regarding exposure to radio waves^(*) and the limits of exposure recommended in the international guidelines, which are equivalent to each other. The international guidelines were set out by the International Commission on Non-ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include substantial safety margins designed to assure the safety of all persons, regardless of age and health conditions. The technical regulations and the international guidelines set out the limits of exposure to radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of human

tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use near the head is 0.87 W/kg^{(*)2}, and that when worn on the body is 0.77 W/kg^{(*)3}. There may be slight differences of the SAR values in individual product, but they all satisfy the limit. The actual value of SAR of this mobile phone while operating can be well below the indicated above. This is due to automatic changes in the power level of the device to ensure it only uses the minimum power required to access the network.

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

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

Please refer to the WHO website if you would like more detailed information.
<https://www.who.int/peh-emf/publications/factsheets/en/>

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

Ministry of Internal Affairs and Communications Website:

<https://www.tele.soumu.go.jp/e/sys/ele/index.htm>

Association of Radio Industries and Businesses Website:

<https://www.arib-emf.org/01denpa/denpa02-02.html> (in Japanese only)

NTT DOCOMO, INC. Website:

<https://www.nttdocomo.co.jp/english/product/sar/>

Support page on Xperia official website:

<https://xperia.sony.jp/product/SAR/> (in Japanese only)

*1 The technical regulations are provided in Article 14-2 of Radio Equipment Regulations, a Ministerial Ordinance of the Radio Act.

*2 Including other radio systems that can be simultaneously used with 5G/LTE.

*3 Including other radio systems that can be simultaneously used with 5G/LTE.

Radio Wave Exposure and Specific Absorption Rate (SAR) Information

Important Information United States

THIS PHONE MODEL HAS BEEN CERTIFIED IN COMPLIANCE WITH THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

This mobile phone model SO-52B has been designed to comply with applicable safety requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed to not exceed the limits* of exposure to radio frequency (RF) energy set by governmental authorities. These limits establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by international scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a safety margin designed to assure the safety of all individuals, regardless of age and health. The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate (SAR). Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified

power level in all used frequency bands. While there may be differences between the SAR levels of various phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

The highest SAR value as reported to the authorities for this phone model when tested for use by the ear is 0.79 W/kg*, when worn on the body is 0.43 W/kg* and when WiFi hotspot mode is 0.51 W/kg. For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 15 mm from the body.

For devices which include "WiFi hotspot" functionality, SAR measurements for the device operating in WiFi hotspot mode were taken using a separation distance of 10 mm. Use of third-party accessories may result in different SAR levels than those reported.

** Before a phone model is available for sale to the public in the US, it must be tested and certified by the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure*. The tests are performed in positions and locations (i.e., by the ear and worn on the body) as required by the FCC for each model.

The FCC has granted an Equipment Authorization for this phone model with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. While there may be differences between the SAR levels of various phones, all mobile phones granted an FCC equipment authorization meet the government requirement for safe exposure. SAR information on this phone model is on file at the FCC and can be found under the Display Grant section of <https://www.fcc.gov/oet/ea/fccid> after searching on FCC ID PY7-13951F. Additional SAR-related information can also be found on the Mobile and Wireless Forum at <https://www.mwfai.org/>.

* In the United States, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a margin of safety to give additional protection for the public and to account for any variations in measurements.

** This paragraph is only applicable to authorities and customers in the United States.

Europe

This mobile phone model SO-52B has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified power level in all used frequency bands. While there may be differences between the SAR levels of various phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is 2 W/kg averaged over ten (10) gram of tissue (for example European Union, Japan, Brazil and New Zealand):

For body worn operation, this phone has been tested and meets RF exposure guidelines when used with an accessory that contains no metal and that positions the

handset a minimum of 5 mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines. The highest SAR value for this model phone when tested by Sony for use at the ear is 0.26 W/kg (10g). In the case where the phone is worn on the body, the highest tested SAR value is 0.98 W/kg (10g).

FCC Statement for the USA

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any change or modification not expressly approved by Sony may void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio

communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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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]

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 public spaces such as theaters, cinemas, art galleries, or libraries
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 accidents possibly involving surrounding people.
- Stop and stay in a safe place and then use smartphone.

Have good manners

[Silent mode] (P.55)

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.111)

Tells the caller via a guidance message that receiver need to turn the power off, and the call ends automatically.

[Vibrate] (P.176)

Vibrates when there is an incoming call.

[Answering Machine] (P.109)

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.110) and Call Forwarding Service (P.110).



We collect old phones, etc. regardless of brands and manufacturers. Bring them to your nearest docomo Shop.

* Items to be collected: mobile phones, PH.S, 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))

●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.

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))

For subscriber of ahamo plan

■Inquiries about repairs etc.

ahamo website

<https://ahamo.com/>



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