NTT docomo

SO-03H

INSTRUCTION MANUAL

’15.5

Introduction

Thank you for your purchase of "SO-03H".
For proper use of the SO-03H, read this manual carefully before and while you use the SO-03H.

About manuals of SO-03H

In addition to this manual, the operations of SO-03H are described in "クイックスタートガイド (Quick Start Guide)" (in Japanese only) and "Instruction Manual" application of the terminal (in Japanese only).

- "クイックスタートガイド (Quick Start Guide)" (Supplied accessories)
  The initial operations and settings after purchasing the terminal, screen view contents and operations of main function are explained.
- "Instruction Manual" (Application of the terminal)
  Operations and settings of each function are explained. To use "Instruction Manual" application, from the Home screen, ⊞▶[Instruction Manual]. When using for the first time, download and install the application according to the onscreen instructions. If you uninstall "Instruction Manual" application, access to Google Play from Play Store to download it again. From the Home screen, tap [Play Store], search "取扱説明書 (Instruction Manual)" application to select, then install it following the onscreen instructions. You can use the application as an electronic book. You can also shift to actual operations by tapping the description in the contents or view reference contents.
- "Instruction Manual" (PDF file)
  Operations and settings of each function are explained. It can be downloaded from NTT DOCOMO website.
  https://www.nttdocomo.co.jp/english/support/trouble/manual/download/index.html
  * You can download the latest information of "クイックスタートガイド (Quick Start Guide)". The URL and contents are subject to change without prior notice.

❖Note

- Reproduction or reprint of all or part of this manual without prior permission is prohibited.
- Important information for SO-03H is posted in the following website. Be sure to check before using.
  http://www.sonymobile.co.jp/support/use_support/product/so-03h/ (In Japanese only)

Operation descriptions

In this manual, each key (key icon) operation is described with ⏻, [📷], [◁], [⌂], [□]. And selection operations of the icons or function items on the touch screen are described as follows.

Description	Operation
From the Home screen, ⊞▶[Settings]▶[About phone].	From the Home screen, tap ⊞ (Apps button), and then tap "Settings" on the next screen and "About phone" on the following screen in order.
Touch and hold an icon.	Keep touching an icon longer (1-2 seconds).

❖Information

- Display examples and illustrations used in this manual are just images for explanations and may be different from actual ones.
- In this manual, the easier procedure is described for the functions and settings which have multiple operating procedures.
- Please note that "SO-03H" is called "the terminal" in this manual.
- In this manual, explanations for "docomo LIVE UX" as Home application are provided (P.60).
- In this manual, the instructions are described with the default Home screen. If you set the other application to the home screen, the operations may differ from the descriptions.

Supplied accessories

- SO-03H (with warranty)

- クイックスタートガイド (Quick Start Guide) (In Japanese only)

- SO-03Hのご利用にあたっての注意事項
  安全上／取り扱い上のご注意
  (Notes on usage Safety/Handling precautions) (In Japanese only)

- TV/Mobacas antenna cable SO02

For optional accessories compatible with the terminal (optional) , refer to NTT DOCOMO website.
https://www.nttdocomo.co.jp/product/option/ (In Japanese only)

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About using the terminal

- The terminal supports LTE, W-CDMA, GSM/GPRS and Wireless LAN Systems.
- Because a terminal operates using radio frequencies, it cannot be used inside a tunnel, underground, in a building or other locations where radio waves do not reach the terminal, in locations with weak radio wave condition, or out of Xi/FOMA service area. The services may not be available on the upper floors of high-rise apartments or buildings, even if there are no obstructions around you. On occasion, your calls may become disconnected even in areas with strong radio wave condition, even if you are not moving, or even if there are 4-signal icon in the terminals display.
- Because your 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 the caller moves into an area of adverse 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.
- Note down the information saved in 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 contents of data resulting from malfunction, repair, changing of the model or other handling of the terminal.
- As with PCs, some user-installed applications 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 to be used before using them.
- This terminal has FOMA Plus-Area and FOMA HIGH-SPEED Area support.
- The terminal does not support i-mode sites (programs) or i-αppli.

- 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.
- Since Mobacas is a service linking communication, using the service requires packet communication charge. Subscription to Packet Pack/packet flat-rate service is recommended.
- Public mode (Driving mode) is not supported.
- Setting the terminal to silent mode does not mute sounds for shutter, playback of video or music, dialpad operation sound during a call or sound emitted when is tapped, etc.
- The name of the operator is displayed on the lock screen (P.37).
- To check your phone number (own number), from the Home screen, ▶[Settings]▶[About phone]▶[Status] to see "My phone number".
- To check the software version, from the Home screen, ▶[Settings]▶[About phone].
- If available memory in the microSD card or the terminal is low, running applications may not operate correctly. In that case, delete the saved data.
- You can update software on the terminal to the latest one (P.206, P.210).
- The operating system (OS) may be upgraded via software updates to improve the quality of the terminal. For this reason, you always need to use the latest OS version. And some applications that used in the previous OS version may not be available or some unintended bugs may occur.
- You can use the terminal only with a docomo nano UIM card. If you have a docomo mini UIM card, UIM, or FOMA card, bring it to a docomo Shop to replace it with a docomo nano UIM card.
- Set password etc. for screen lock to ensure the security of your terminal for its loss (P.168).
- 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 services provided by Google, refer to Google Terms of Service. For other web services, refer to each terms of service.
- Applications and service contents are subject to change without prior notice.

- The terminal supports only sp-mode, mopera U and Business mopera Internet. Other providers are not supported.
- To use tethering, subscription of sp-mode is required.
- If you want to use tethering, subscription to Packet Pack/packet flat-rate service is strongly recommended.
- 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 liquid crystal displays and not defects in the terminals.
- DOCOMO is not liable to any failures or malfunctions for commercially available optional equipment.

Safety Precautions (Always follow these directions)

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

⚠ DANGER	Failure to observe these guidelines may immediately result in death or serious injury.
⚠ WARNING	Failure to observe these guidelines may result in death or serious injury.
⚠ CAUTION	Failure to observe these guidelines may result in injury and property damage.

■ The following symbols indicate specific directions.

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

■ "Safety Precautions" are described in the following categories:

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

⚠ DANGER

Don't

Do not use, store or leave the equipment in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun) (including wearing the equipment by putting in a pocket of clothes etc.).

Doing so may cause fire, burns or injury.

Don't

Do not place equipment inside cooking appliance such as a microwave oven or high-pressure containers.

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

No disassembly

Do not disassemble or modify the equipment.

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

No liquids

Do not let the equipment get wet with water, drinking water, urine of pet animals, sweat, etc.

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

Waterproofness→P.22 "Waterproofness/ Dustproofness"

No liquids

Do not allow liquid (water, drinking water, urine of pet animals, perspiration, etc.) to enter the charging jack, headset jack, or microUSB jack.

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

Waterproofness→P.22 "Waterproofness/Dustproofness"

Do

Use optional devices specified by NTT DOCOMO for the terminal.

Failure to do so may cause fire, burns, injury or electric shock.

⚠ WARNING

Don't

Do not subject the equipment to excessive force or throw it.

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

Don't

Keep the headset jack or microUSB jack off conductive materials (metal pieces, pencil lead, etc.). Never allow these objects to get inside.

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

Don't

Do not cover or wrap the equipment with a cloth or bedding in use or while charging.

Doing so may cause fire or burns.

Do

Power off the terminal before you step into a place where flammable gas can leak, such as gas stations. Stop charging if you charge the battery.

Gas may catch fire.

When using Osaifu-Keitai in a place such as a gas station, turn OFF the terminal before using it (When NFC/Osaifu-Keitai lock is activated, deactivate it before turning OFF the terminal).

Do

If you notice anything unusual about the equipment such as an unusual odor, overheating, discoloration or deformation during operation, charging or storage, immediately perform the following measures.

- **Remove the power plug from the power outlet or cigarette lighter**
- **Power off the terminal**

Failure to do so may cause fire, burns, injury or electric shock.

⚠ CAUTION

Don't

Do not place on an unstable or inclined platform.

Doing so may cause the device to fall and cause injury.

Don't

Do not keep in a place that is very humid, dusty, or subject to high temperature.

Doing so may cause fire, burns or electric shock.

Do

If children use the terminal, parents or guardians should give them the proper instructions for use. Make sure that they use the terminal as instructed.

Failure to do so may cause injury.

Do

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

Failure to do so may cause accidental ingestion, injury, or electric shock.

Do

Be careful especially when using the terminal connected to the adapter continuously for a long time.
If you play a game, watch videos or TV, etc. for a long time while charging, the temperature of the terminal and adapter may rise.
If you are directly in contact with hot parts for a long period of time, it may cause your skin to become red, itchy, or develop a rash depending on your physical condition and also it may cause low-temperature burn.

2. Handling the terminal

■ Type of internal battery for the terminal is as follows.

Display	Type of Battery
Li-ion 00	Lithium Ion Battery

⚠ DANGER

Don't

Do not throw the terminal into fire or apply heat.
Doing so may cause internal battery to ignite, burst, heat or leak.

Don't

Do not put excessive force such as sticking a nail into the terminal, hitting it with a hammer, or stepping on it.
Doing so may cause internal battery to ignite, burst, heat or leak.

Do

If the internal battery fluid etc. contacts eyes, immediately flush the eyes with clean water and see a doctor right away. Do not rub the eyes.
Failure to do so may cause blindness.

⚠ WARNING

Don't

Do not turn on the light with the lighting luminescence part close to the eyes. Especially to shoot infants or young children, step away from them 1 m or more.
Doing so may cause blurred vision. Or injury by dazzling eyes or surprising may occur.

Don't

Do not allow a foreign substance such as water and other liquids, metal parts, or flammables to get in the docomo nano UIM card or microSD card slot on the terminal.
Doing so may cause fire, burns, injury or electric shock.

Don't

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

Do

Power off the terminal or put it in Airplane mode before boarding an airplane.
Use of mobile phones on board is restricted. Follow the instructions of each airline.
Failure to do so may adversely affect on-board electronic equipment.
Prohibited acts related to mobile phone usage on an airplane may be punished by law.
If the microUSB cable is connected into the microUSB jack for charging etc. with the terminal powered off, the terminal is automatically powered on although the operations are not available. Be careful not to connect the microUSB cable in a place where the use is prohibited.

Do

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

Power off the terminal in a place where the use is prohibited.
Failure to do so may affect electronic equipment and electronic medical equipment.
If the microUSB cable is connected into the microUSB jack for charging etc. with the terminal powered off, the terminal is automatically powered on although the operations are not available. Be careful not to connect the microUSB cable in a place where the use is prohibited.

Do

Always keep the terminal away from your ear when you talk setting the hands-free function.

Also, when you play game, play back music, etc. connecting the Earphone/Microphone, etc. to the terminal, adjust the volume adequately.

If the volume is too loud, it may cause difficulty in hearing.
Moreover, if you barely hear the surrounding sounds, it may cause an accident.

Do

If you have a weak heart, set the vibrator or ringtone volume carefully.

Failure to do so may affect your heart.

Do

If you are wearing 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 waves from the terminal may affect electronic medical equipment.

Do

Power off the terminal near electronic devices or equipment operating on high precision control or weak signals.

Failure to do so 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, fire detector, automatic door, 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 relevant medical electronic equipment manufacturer or vendor whether the operation can be affected by radio waves.

Do

Be careful about broken glasses or exposed internal from the terminal if the display or the camera lens is broken.

The display and back of the terminal (including the camera lens) are made of toughened glass to prevent the glass from shattering when broken. Be aware that touching a cut surface or exposed portion accidentally may result in injury.

Do

If 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, or explode.

⚠ CAUTION

Don't

Do not swing the terminal around by holding strap, etc.
The terminal may hit you or others and cause accident such as injury.

Don't

Do not use damaged terminal.
Doing so may cause fire, burns, injury or electric shock.

Don't

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

Don't

If the display is mistakenly damaged and when the liquid crystal runs out, do not get it on your skin such as face, hands, etc.
Doing so may cause blindness or injury on your skin.
If the liquid crystal gets in your eye or mouth, rinse with clean running water, and get medical treatment immediately.
Also, if it gets on your skin or clothes, use something such as alcohol to wipe off, and wash it off with soap or something similar.

Don't

Do not discard the battery together with other garbage.
Doing so may cause igniting or 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.

Do

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

Do

The use of the terminal may cause itching, rashes, eczema, or other symptoms depending on the user's physical condition. Immediately stop using and get medical treatment in such a case.
For material of each part →P.15 "Material list"

Do

When watching the display, take a certain distance from the display in a fully bright place.
Failure to do so may reduce visual acuity.

Do

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

3. Handling the adapter

⚠ WARNING

Don't

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

Don't

Do not use the AC adapter in a humid place, such as a bathroom.
Doing so may cause fire, burns or electric shock.

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 or electric shock.

Don't

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

Don't

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

Don't

Do not place heavy objects on the adapter cord.
Doing so may cause fire, burns or electric shock.

Don't

When you insert and remove the AC adapter from power outlet, do not contact a metal strap or other metal objects with the jack.
Doing so may cause fire, burns or electric shock.

Don't

Do not put an excessive force up, down, left or right when the adapter is connected to the terminal.
Doing so may cause fire, burns, injury or electric shock.

Don't

Never connect the microUSB plug if the terminal or AC adapter is wet.
Although the terminal is waterproof, inserting the microUSB plug into a wet terminal may cause a short circuit during charging due to moisture or foreign matter on the terminal or plug. This can cause excessive heat, malfunction, fire, or burn injury.

No wet hands

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

Do

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

Do

When the fuse in a DC adapter is blown, make sure to use the specified fuse.
Failure to do so may cause fire, burns or electric shock. For the specified fuse, see the users manuals that supplied with a DC adapter.

Do

Clean dust from the power plug.
Failure to do so may cause fire, burns or electric shock.

Do

When you connect the AC adapter to the power outlet, insert it firmly.
Failure to do so may cause fire, burns or electric shock.

Do

When you disconnect the power plug from the outlet or cigarette lighter socket, do not pull the adapter cord with excessive force. Instead, hold the adapter to disconnect.
Failure to do so may cause fire, burns or electric shock.

Do

Remove or insert the adapter to the terminal evenly without applying excessive force.
Failure to do so may cause fire, burns, injury or electric shock.

Unplug

Always remove the power plug from the outlet or cigarette lighter when not using the adapter for an extended period.
Failure to do so may cause fire, burns or electric shock.

Unplug

Immediately remove the power plug from the outlet or cigarette lighter socket if water or other fluids get into the adapter.
Failure to do so may cause fire, burns or electric shock.

Unplug

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

⚠ CAUTION

Don't

Do not touch the adapter for a long time when it is connected to a power outlet or cigarette lighter socket.
Doing so may cause a burn or other injury.

4. Handling the docomo nano UIM card

⚠ CAUTION

Do

Be careful of the cut surface when handling a docomo nano UIM card.
Failure to do so may cause injury.

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 waves 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 such as treating at home, check with the relevant medical electronic equipment manufacturer whether the operation may be affected by radio waves.
The radio waves from the terminal may affect the performance of electronic medical equipment.

Do

When you get close to other people within 15 cm just like not having enough space to turn around, set the radio wave of the terminal to OFF beforehand (Airplane mode, Power off, etc.).
A person in close proximity may put on implanted a medical electrical equipment such as pacemakers and ICDs. The radio waves from the terminal may affect the performance of electronic medical equipment.

Do

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

6. Material list

Part	Material	Surface treatment
Exterior case (4 corners, headset jack)	Nylon resin	—
Exterior case (strap hole, microUSB jack)	Nylon resin (with glass)	—
Exterior case (top, bottom, and side and docomo nano UIM card/ microSD card slot cover), power key, volume key, camera key	Aluminum alloy	Anodic oxide coating
Transparent plate (display, back side)	Hardened glass	AFP treatment
TV/Mobacas antenna cable (connector plug: metal section)	Brass	Gold plating
TV/Mobacas antenna cable (connector plug: body, cable, headset jack: body)	Elastomer resin	—

Handling precautions

Common precautions

- **SO-03H is waterproof/dustproof; however, do not allow water or dust to enter the terminal or come in contact with accessories or optional devices.**
  The adapter, docomo nano UIM card, and TV/Mobacas antenna cable are not waterproof/dustproof. Do not use in a bathroom or other highly humid area or do not let rain touch. Or putting them on your body, humidity of sweat may cause internal corrosion and malfunction. Note that malfunctions which are determined to be caused by water as result of inspections are outside the scope of the warranty. Since these conditions are outside of the scope of the warranty, a repair, if at all possible, is charged.
- **Clean the terminal with a dry soft cloth (such as used for cleaning eyeglasses).**
  - Do not rub it roughly with a dry cloth. The display may be damaged.
  - Drops of water or dirt left on the display may cause stains.
  - Do not use alcohol, thinner, benzine, cleaning detergent, etc. to clean the terminal. These chemicals may erase the printing on the terminal or cause discoloration.
- **Clean the terminals occasionally with a dry cotton swab.**
  If the jack is soiled, connection gets worse and it may cause power to be turned off or insufficient battery charge, so clean the jack with a dry cotton swab etc. When cleaning, be careful not to damage the terminals.
- **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 it to malfunction.
- **Make sure to use the terminal etc. without excessive force.**
  If you put the terminal in a bag full of items or sit down with the terminal in the pocket of your cloth, it may damage the display, internal circuit board, etc. and cause malfunction.
  If doing so while the external device is connected to the microUSB jack or headset jack, it may cause damage or malfunction.
- **Do not rub or scratch the display with metal.**
  The display may get scratched and it may cause malfunction or damage.
- **Read the users manuals supplied with individual optional devices.**

The terminal precautions

- Do not press touch screen surface forcibly, or not operate with a sharp-pointed objects such as nail, ballpoint pen, pin, etc.
  Doing so may cause damage of touch screen.
- Do not use the terminal in extremely hot or cold places.
  Use the terminal where the temperature ranges between 5℃ and 40℃ (limited to the temporary use in a bathroom etc. when temperature is above 36℃) and humidity ranges between 45% and 85%.
- Using the terminal near land-line phone, television or radio may cause interference in these electric appliances. Make sure to move far away from them when using the terminal.
- Note down the information saved in the terminal in a separate note and keep it safely.
  Under no condition will DOCOMO be held liable for any damaged or lost data saved in the terminal.
- Do not drop or give a strong impact to the terminal.
  Doing so may cause malfunction or damage.
- Do not plug an external device at an angle into the headset jack or microUSB jack. Also, do not pull the cable when it is plugged in.
  Doing so may cause malfunction or damage.
- The terminal could become warm while in use and charging. This condition is not abnormal. You can continue using the terminal.
- Do not leave the camera under direct sunlight.
  If you do so, some of the elements may melt or become faded.
- Usually, keep the docomo nano UIM card/microSD card slot cover closed during use.
  Failure to do so may get dust or water inside and cause malfunction.
- 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.
- Do not let magnetic cards, etc. close to the terminal.
  The magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
- Do not bring strong magnetic objects close to the terminal.
  Strong magnetic objects may cause misoperation.
- The internal battery is a consumable part.
  Replace the internal battery if the terminal has extremely short operation time on a full charge, though it may vary by operating conditions. For replacing internal battery, contact "Repairs" on the last page (in Japanese only) or DOCOMO-specified repair office.

- Charge the battery in an environment with the proper ambient temperature (5 ℃ to 35℃).
- The operating time of the internal battery varies depending on the operating environment and the degradation level of the internal battery.
- Be careful especially about the following points when preserving the terminal.
  - The battery is fully charged (immediately after the charging is complete)
  - The battery has run out (the terminal cannot power on)

  The performance and life of the internal battery may deteriorate.
  It is recommended that you store the battery with the remaining battery level of about 40% as a guide.

Adapter precautions

- Charge the battery in an environment with the proper ambient temperature (5 ℃ to 35℃).
- Do not charge in the following places.
  - Places that are very humid, dusty or exposed to strong vibrations
  - Near land-line phone or TV/radio
- The adapter may become hot during charging. This condition is not abnormal.
- When using the DC adapter for charging, do not turn off the vehicle engine.
  Doing so may cause the vehicle battery run out.
- When you use the 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.

docomo nano UIM card precautions

- Do not use unnecessary force to insert/remove the docomo nano UIM card.
- Note that DOCOMO assumes no responsibility for any malfunctions resulting from inserting the docomo nano UIM card into another IC card reader/writer and using it.
- Always keep the IC portion clean when you use the card.
- Clean the terminal with a dry soft cloth (such as used for cleaning eyeglasses).
- Note down the information registered in the docomo nano UIM card on a separate sheet and keep it for future reference.
  Under no condition will DOCOMO be held liable for any damaged or lost data saved in the terminal.

- Take an expended docomo nano UIM card to a sales outlet such as docomo Shop for proper disposal in order to protect the environment.
- Do not carelessly damage, contact, or short-circuit an IC.
  Doing so may cause data loss or malfunction.
- Do not drop a docomo nano UIM card or subject it to impact.
  Doing so may cause malfunction.
- Do not bend a docomo nano UIM card or place a heavy object on it.
  Doing so may cause malfunction.
- Do not insert a docomo nano UIM card into the terminal if a label or seal is attached to the card.
  Doing so may cause malfunction.

Bluetooth® function precautions

- To secure the Bluetooth communication security, the terminal supports the security function compliant with Bluetooth standards, but the security may not be sufficient depending on the setting. 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 terminals Bluetooth/wireless LAN function is written as follows:

2.4 : This radio equipment uses the 2400 MHz band.

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

4 : The estimated interference distance is 40 m or less.

8 : The estimated interference distance is 80 m or less.

▬ ▬ ▬ : The full band between 2400 MHz and 2483.5 MHz is used and the band of the mobile identification device can be avoided.

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

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

- Before using this equipment, confirm that "another station" is not being operated nearby.
- In the event of the terminal causing harmful radio wave interference with "another station", promptly change the operating frequency or stop radio wave emission by turning off the power, etc.
- If you have further questions, contact "General Inquiries" on the last page.

Wireless LAN (WLAN) precautions

- **Wireless LAN (WLAN) exchanges information using radio waves, and allows you to freely establish LAN connection if you are within an area where radio waves reach. However, without appropriate security settings, communications may be intercepted or hacked by malicious parties. It is recommended to configure necessary security settings on your own judgment and responsibility.**
- Wireless LAN

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

  The operating frequency band of the WLAN device is used by industrial, scientific, consumer and medical equipment including home electric appliances such as microwave ovens, premises radio stations for identifying mobile units used in the manufacturing lines of plants (radio stations requiring a license), specified low power radio stations (radio stations requiring no license) and amateur radio stations (radio stations requiring a license).
  - Before using the device, confirm that premises radio stations for identifying mobile units, specified low power radio stations and amateur radio stations are not being operated nearby.
  - If the device causes harmful radio interference to premises radio stations for identifying mobile units, immediately change the frequency band or stop use, and contact "General Inquiries" on the last page for crosstalk avoidance, etc. (e.g. partition setup).
  - If the device causes radio interference to specified low power radio stations or amateur radio stations, contact "General Inquiries" on the last page.
- 5GHz device cautions

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

  Using wireless LAN built-into the terminal in 5.2/5.3 GHz outside is prohibited by the Radio Law.

FeliCa® and NFC reader/writer function precautions

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

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 certificate, from the Home screen, ⊞▶[Settings]▶[About phone]▶[Legal information]▶[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.**

  Using the terminal with holding with your hand while driving will result in a penalty.

  However, absolutely necessary cases such as rescue of a sick person or maintaining public's safety are exempted.
- **Use the FeliCa reader/writer function only in Japan.**

  FeliCa reader/writer function of the terminal conforms to Japanese radio standards. If you use this function overseas, you may be punished.
- **Do not alter the basic software illegally.**

  It is regarded as the software modification and Repairs may be refused.

Waterproofness/ Dustproofness

SO-03H provides waterproofness property of IPX5*1, IPX8*2, and dustproofness property of IP6X*3 with the docomo nano UIM card/ microSD card slot cover firmly attached.

*1 IPX5 means that a phone 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 phone keeps functioning after SO-03H is slowly submerged to depth of 1.5m in static tap water at room temperature, left there for approximately 30 minutes and then taken out.

*3 IP6X indicates that a phone has the ability to prevent dust from entering it 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-03H

- You can talk without an umbrella in the rain (for rainfall of 20 mm or less per hour).
  - Do not open or close the docomo nano UIM card/microSD card slot cover with wet hands or with water droplets on the terminal.
- You can wash the terminal when it gets dirt or stained with liquid other than tap water.
  - Wash the terminal with tap water at normal temperature (5℃-35℃) by weaker water flow (less than 6 L/min.) at distance of approximately 10 cm away from the tap or shower.
  - When washing the terminal, hold the docomo nano UIM card/microSD card slot cover closed, and wash the terminal with your hands, not using a brush or sponge. After washing, drain the terminal before use (P.25).
- 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.25).
  - Never put the terminal in hot spring water or water containing soap, detergent or bath powder. In case the terminal gets wet with water other than tap water, wash it in the procedure above.
  - You can use the terminal within 2 hours in a bathroom where the temperature ranges between 5 and 45℃ and humidity ranges between 45 and 99%.
  - Rapid temperature change may cause condensation. If you bring the terminal from a cold place to warm place such as a bathroom, wait until the terminal reaches the room temperature.
  - Do not put hot water from a faucet or shower.

To ensure waterproofness/ dustproofness

To avoid water 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 docomo nano UIM card/ microSD card slot cover. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow water to enter.
- Do not poke the earpiece/speaker, microphone/speaker, second microphone, headset jack, microUSB jack, or strap hole with a sharp object.
- Do not let the terminal fall. It may become scratched causing the waterproof/dustproof performance to degrade.
- The rubber gasket on the inner side of the docomo nano UIM card/microSD card slot cover plays an important role in keeping waterproof/dustproof performance. Do not remove or damage them. Also, prevent dust from adhering to them.

Opening the docomo nano UIM card/ microSD card slot cover

Open the covers with your fingertip by the grooves.

Closing the docomo nano UIM card/ microSD card slot cover

Put the cover back in the direction of the arrow and push the ○ parts in, then ensure there are no gaps.

It is recommended to replace the parts for maintaining waterproof/dustproof property once every two years regardless of whether any abnormality is present. DOCOMO replaces the parts as a chargeable service. Bring the terminal to a sales outlet such as a DOCOMO-specified repair office.

Important precautions

Do not perform actions shown in the illustrations below.

<Example>

Using Soap/Detergent/ Bath powder

Washing with brush/sponge

Machine-washing

Applying strong water flow

Soaking in ocean water

Using in hot spring

Attaching sand/mud

Observe the following precautions to use the terminal properly.

- Accessories and optional devices are not waterproof/dustproof.
- Do not apply water flow stronger than allowed (P.22). SO-03H 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 on the earpiece/speaker, microphone/speaker, second microphone, and headset jack. Such water may interfere with talking.
- If the terminal gets splashed with water or other liquid while the docomo nano UIM card/microSD card slot cover is open, the liquid may get inside the terminal, causing electric shock or malfunction. Stop using the terminal, turn off the power and contact a DOCOMO-specified repair office.
- If the rubber gasket on the inner side of the docomo nano UIM card/microSD card slot cover is damaged or deformed, have it replaced at a DOCOMO-specified repair office.
- Do not connect TV/Mobacas antenna cable, earphones, etc. with the terminal wet with water. Doing so may cause 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 (1) Shake the terminal about 20 times, firmly holding it, until no more drops of water come out.
(2) Do the same with the terminal upside down.

③ To wipe any water off the gaps or the following parts, tap the terminal against a dry, clean cloth or similar material about 10 times.
- Earpiece/Speaker
- Microphone/Speaker
- Second microphone
- Headset jack
- microUSB jack
- Power key/Screen lock key
- Volume key/Zoom key
- Camera key
- docomo nano UIM card/microSD card slot cover

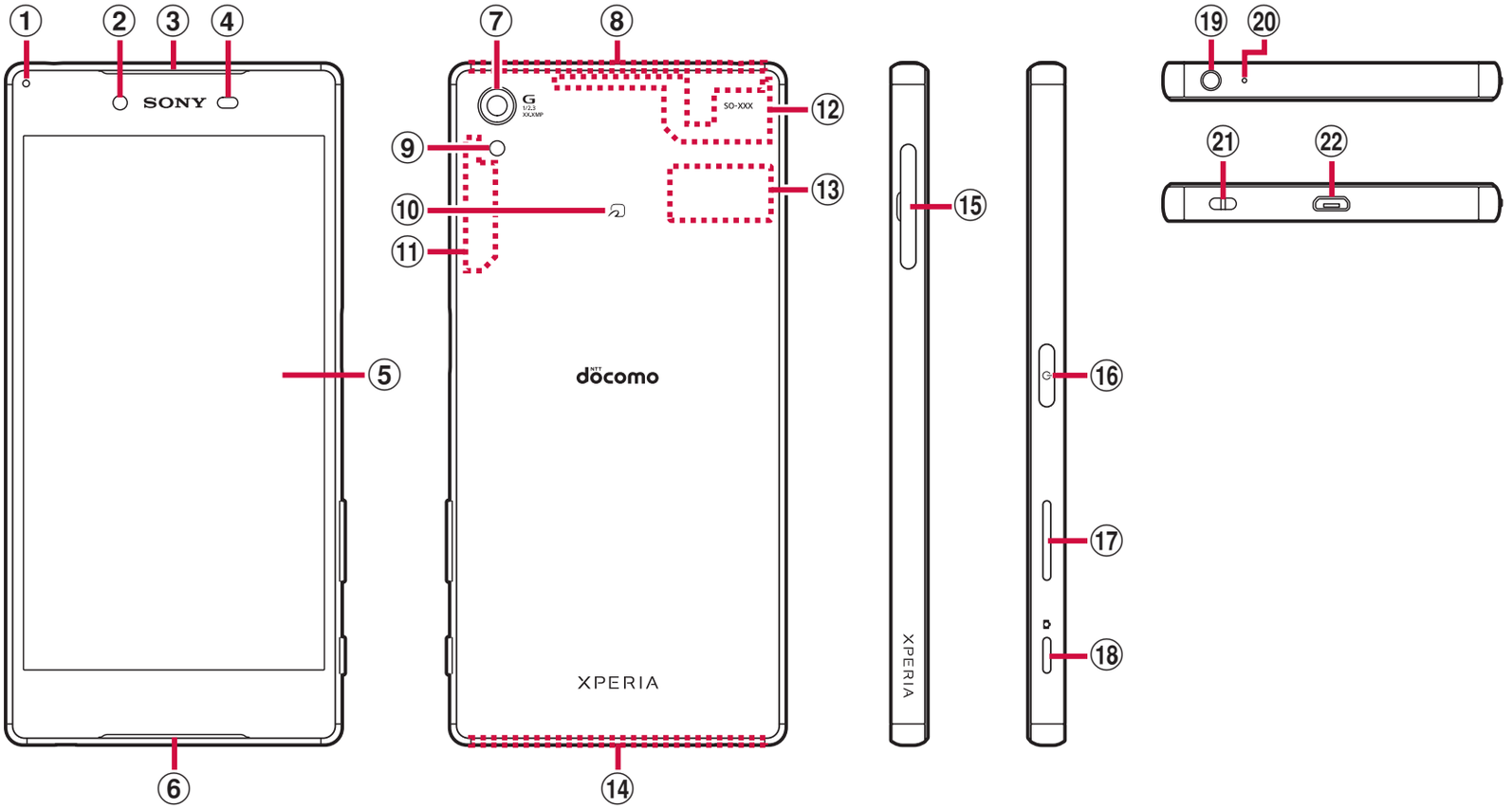
④ Wipe off water drained from the terminal with dry, clean cloth etc., and dry naturally.
- Wipe off water drained from the terminal with dry, clean cloth etc., and dry naturally.
- Do not wipe off water remaining in gaps directly with a cotton swab etc.
- Dry the terminal naturally for about 3 hours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

Notes on charging

Check the following before and after charging.

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

Part names and functions



① Notification LED
② Front camera lens
③ Earpiece/Speaker
④ Proximity sensor : Detect the face to get close during a call and turn on or off the touch screen to prevent misoperation, or help auto brightness control.
⑤ Touch screen
⑥ Microphone/Speaker
⑦ Camera lens
⑧ FOMA/Xi/GPS antenna section*1
⑨ Flash/Photo light
⑩ mark
⑪ Wi-Fi/Bluetooth antenna section*1
⑫ Wi-Fi antenna section*1
⑬ Nameplate*2
⑭ FOMA/Xi antenna section*1
⑮ docomo nano UIM card/microSD card slot
⑯ Power key/Screen lock key
⑰ Volume key/Zoom key
⑱ Camera key
⑲ Headset jack
⑳ Second microphone : Reduce noise to make voice to be listened easily.
㉑ Strap hole
㉒ microUSB jack

*1 The antenna is built into the terminal. Covering around the antenna with your hand may affect the quality of communications.
*2 Do not remove the nameplate with stickers of CE mark, FCC ID and IMEI information printed.

❖Note

- Do not put a sticker etc. on the proximity sensor.
- The back cover cannot be removed. Attempting to remove the back cover with excessive force may cause damage or malfunction.
- The battery is built into the terminal and not removal.

docomo nano UIM card

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

- You can use the terminal with a docomo nano UIM card. If you have a docomo mini UIM card, UIM, or FOMA card, bring it to a docomo Shop to replace it with a docomo nano UIM card.
- When docomo nano UIM card is not inserted to the terminal, making calls, packet communication, etc. are not available.
- For details on the docomo nano UIM card, refer to the docomo nano UIM card manual.
- If a microSD card is installed, be sure to unmount it (to disable reading/writing) before installing or removing a docomo nano UIM card (P.177).
- Opening/closing the docomo nano UIM card/microSD card slot cover (P.23)

Security codes of the docomo nano UIM card

The docomo nano UIM card has a security code called a PIN code. The code is set to "0000" at subscription, which you can change by yourself (P.168).

❖Information

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

Inserting docomo nano UIM card

1 Open the docomo nano UIM card/ microSD card slot cover, then hook your fingertip on the projection part of the tray (❶) to pull it straight out of the terminal.

2 Set docomo nano UIM card into the tray with IC facing up (❷), then insert the tray with the card and press it all the way into the terminal.

- Make sure the orientation of the corner cut and direction to insert.

3 Close the docomo nano UIM card/ microSD card slot cover, firmly press the ○ parts, and make sure that there are no gaps between the terminal and cover.

Removing docomo nano UIM card

1 **Open the docomo nano UIM card/ microSD card slot cover, then hook your fingertip on the projection part of the tray to pull it straight out of the terminal.**

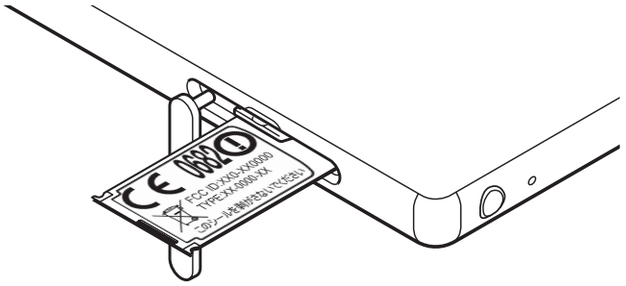
2 **Remove the docomo nano UIM card from the tray (❶), then insert the tray into the terminal and press it straight all the way.**

- Be careful about the direction to insert of the tray.

3 **Close the docomo nano UIM card/ microSD card slot cover, firmly press it, and make sure that there are no gaps between the terminal and cover (P.29).**

CE mark and FCC ID

1 **Open the docomo nano UIM card slot cover, and insert a fingernail into the hook at the edge of the label tray, then pull it out straight.**



Charging

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

- Estimated charging time (P.210)

Operation time on full charge (estimate)

The charging time varies by the internal battery condition or operating environment.

- "Continuous standby time", "Continuous call time" (P.212)

Continuous stand-by time	FOMA/3G	Stationary (Auto) : Approx. 480 hours
	GSM	Stationary (Auto) : Approx. 400 hours
	LTE	Stationary (Auto) : Approx. 470 hours
Continuous call time	FOMA/3G	Approx. 810 min.
	GSM	Approx. 650 min.
	VoLTE call (voice)	Approx. 1,180 min.

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.
- Watching TV etc. for a long time while charging may shorten the lifetime of the internal battery.
- To check the charging performance, from the Home screen, tap ⊞▶[Settings]▶[About phone]▶[Status]▶[Battery life].

Before charging

- It is recommended to use the AC Adapter 05 (optional) for charging. For details on the AC Adapter 05, refer to the AC Adapter 05 manual.
- The AC Adapter 05 is compatible with 100V to 240V AC. For using the terminal overseas, a plug adapter that fits the electrical outlets in the country you stay is needed. Do not use an electrical transformer for overseas use to charge the terminal.
- Use a compatible AC adapter or microUSB cable for charging. If you use a charger other than compatible ones, charging may not be available or operations may not be performed correctly.
- Insert and remove the AC adapter cable or microUSB cable slowly and evenly so that excessive force is not applied.
- When charging starts, notification LED of the terminal turns on (P.42).
- To check the battery level, see the status bar at the top of the screen or from the Home screen, tap ⊞▶[Settings]▶[About phone]▶[Status] to see "Battery level".
- If you start charging with the terminal powered off, the power turns on, although you cannot operate the terminal. Therefore, do not charge the battery in a place where the use of the terminal is prohibited.

Charging with desktop holder

To charge the battery using the Desktop Holder SO25 (optional) and AC Adapter 05 (optional), operate the following steps.

- Be sure to mount the supplied attachment (Attachment 52A/52B/52C) on the desktop holder when charging the battery (P.33). Placing the terminal on the desktop holder without the attachment on it may damage the microUSB jack or other parts.

1 Insert a microUSB plug of the AC adapter into the charging jack on the back side of the desktop holder with the engraved side (B) facing up (❶).

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

3 **Place the terminal on the desktop holder.**

- Notification LED of the terminal turns on (P.42).

4 **When charging is complete, holding the desktop holder, lift the terminal up to remove.**

5 **Remove the power plug of the AC adapter from the power outlet.**

6 **Remove the microUSB plug of the AC adapter from the desktop holder.**

Attaching/Removing the attachment

Attaching

1 **Check the shape of front/back of the attachment and the attaching part of the desktop holder, then fit the attachment with the desktop holder.**

2 **Firmly press the attachment straight and make sure that there are no gaps between the attachment and the desktop holder.**

Removing

1 **Lift both ends of the attachment to remove it while holding the desktop holder.**

❖Note

- Check the connecting direction to connect correctly. Wrong connection may cause damage.
- A terminal mounted on the desktop holder may be damaged if pressed hard against the holder.

Charging with AC adapter

When using AC Adapter 05 (optional) for charging, do the following procedures.

1 **Insert the microUSB plug of the AC adapter horizontally into the microUSB jack on the terminal with the engraved side (B) facing up.**

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

- Notification LED of the terminal turns on (P.42).

3 **When charging is complete, remove the power plug of the AC adapter from the power outlet.**

4 **Remove the microUSB plug of the AC adapter evenly from the terminal.**

❖Note

- Check the connecting direction to connect correctly. Wrong connection may cause damage.

Charging with DC adapter

DC Adapter 04 (optional) supplies power from a car cigarette lighter socket (12V/24V). For details, refer to the DC Adapter 04 manual.

Charging with a PC

When using Micro USB Cable 01 (optional) for charging, do the following procedures.

1 Insert the microUSB plug of the microUSB cable horizontally into the microUSB jack on the terminal with the engraved side ( ) facing up.

2 Insert the USB plug of the microUSB cable into a USB port of a PC.

- Notification LED of the terminal turns on (P.42).
- When "Install software" screen appears on the terminal, tap [SKIP].
- When a screen for new hardware detection etc. appears on the PC, select "キャンセル (Cancel)".

3 When the charging is complete, remove the USB plug of the microUSB cable from the USB port of the PC.

4 Remove the microUSB plug of the microUSB cable evenly from the terminal.

❖Note

- Check the connecting direction to connect correctly. Wrong connection may cause damage.

Turning power on/off

Turning power on

1 Press and hold ⏻ for over a second.

- The terminal vibrates and lock screen appears after a while.
- When you first turn on the terminal after purchasing, follow the onscreen instructions to make initial settings (P.37).

2 Cancel the screen lock.

- Canceling the screen lock (P.37).

❖Information

- If ⏻ is pressed to turn the power on when the battery level is low, the notification LED flashes in red 3 times, or an icon appears indicating that the battery level is low. Charge the terminal (P.31).
- When SIM card lock (P.168) is set, enter PIN code on the PIN code entry screen (P.168).

Turning power off

1 Press and hold ⏻ for over a second.

2 [Power off].

Setting sleep mode

When the sleep mode is set, the screen backlight turns off so that you can avoid misoperations of the touch screen and keys, and lock the screen.

1 Press ⏻.

- Press ⏻ again to cancel sleep mode.

❖Information

- Also, when the screen backlight goes off after a specified time elapses, the terminal goes into sleep mode. You can change the time-out period for turning off the screen backlight (P.158).

Canceling the screen lock

The lock screen appears when turning the power on or the sleep mode is canceled by pressing ⏻.

1 Swipe (or flick) up on the lock screen.

❖Information

- On the lock screen, swipe to open the "Phone" application, or swipe to open the "Camera" application.
- You can change screen unlock method (P.168).

Initial settings

When you first turn on the terminal after purchasing, follow the onscreen instructions to make initial settings for language, services, etc.

1 Select [English (United States)]▶[DONE]▶→.

- After this step, follow the onscreen instructions to make the following settings, and tap → or [FINISH].
  - Set your Google account
  - Join the world of Sony (Connect to Sony Entertainment Network)
  - Set accounts and auto-sync
  - Select the home application you want to use

2 [OK]▶[OK].

3 When the initial settings screen for docomo services appears, mark [Agree to all]▶[Start settings].

- After this step, follow the onscreen instructions and tap [Next].
  - Set docomo ID
  - Set docomo cloud
  - Set docomo apps password
  - Set whether to provide location information
  - Set Remote Initialization Service*
  - Select whether to install all applications now or later

* It does not appear if docomo apps password is not set.

4 [Start using].

- The operation guide of the Home screen appears. Tap [Do not show again]/[OK] to display the Home screen.

❖Information

- Some settings can be changed later (P.164, P.171).
- Make sure that the data connection is available (LTE/3G/GPRS) or the terminal is connected to a Wi-Fi network before setting up online services (P.42).
- You can use the terminal without setting your Google account, however the Google services such as Gmail, Google Play, etc. are not available.

Basic operations

Using the touch screen

Precautions on using touch screen

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

Operations on the touch screen

Tap

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

- Double-tap means tapping twice quickly.

Touch and hold

Touch and hold an icon or menu item long.

Flick (Swipe)

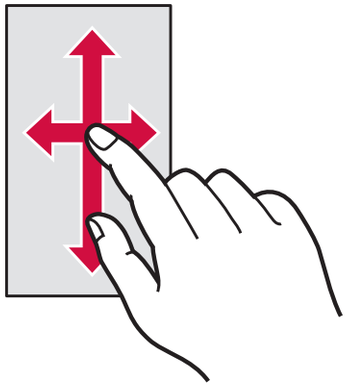
Touch the screen and flick up/down or left/right.

Drag

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

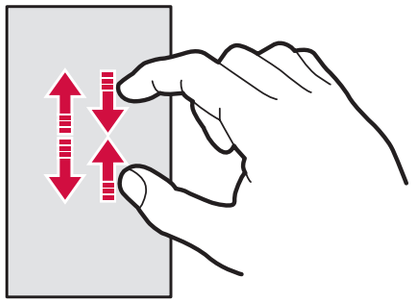
Scroll

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

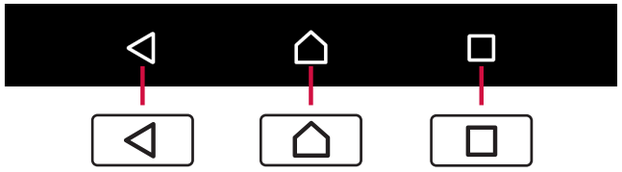


Pinch

Touch the screen with two fingers and widen (pinch-out) or narrow (pinch-in) the fingers' distance. On some screens, pinch-out to zoom in and pinch-in to zoom out.



Basic key icon operation



◁	Back	Go back to the previous screen. Or close a dialog box, an option menu, the Notification panel, etc.
⌂	Home	Go to the Home screen. Touch and hold the icon and drag it to Google to open the "Google" application.
□	Recently used apps	Display thumbnails of recently used applications. You can open or quit them here (P.59). Small apps are also available (P.59).

* In this manual, each key icon operation is described with ◁, ⌂, and □.

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 [Screen rotation].

3 In "Auto-rotate screen", tap ◯ or drag it right.

❖Information

- Even when you change the orientation of the terminal, the screen may not change to landscape view depending on what is displayed.
- Changing orientation of the terminal in nearly horizontal state against the ground does not switch to portrait view/landscape view automatically.
- Set Auto-rotate screen to ON. Then, from the Home screen, ⊞▶[Settings]▶[Display]▶[Screen rotation]▶Tap [Smart screen rotation] to turn on or off a feature that automatically determines whether to rotate the screen according to the movement of the terminal.

Setting silent mode

- Setting the terminal to silent mode does not mute sounds for shutter, playback of video or music, dialpad operation sound during a call or sound emitted when is tapped, etc.
- While silent mode is set, adjusting the "Ring volume" in "Sound & notification" (P.159) or turning up the volume by pressing the volume up key cancels silent mode.

Setting silent mode (with vibration)

1 Press the volume up or down key.

2 .

- The icon in the volume control bar will change to , with silent mode (with vibration) turned on.
- Tap to cancel silent mode (with vibration).

Setting silent mode (without vibration)

1 Press the volume down key for over a second.

- The icon in the volume control bar will change to , with silent mode (without vibration) turned on.

Capturing a still image or video displayed on the screen

You can capture what is displayed on the screen. (Take screenshot/Record screen)

Capturing a still image (Take screenshot)

1 On the screen you want to capture, press and hold ⏻ and volume down key for over a second at the same time.

- Screenshot is captured and appears in the status bar.

❖Information

- Alternatively, press and hold ⏻ for over a second▶Tap [Take screenshot] to capture screenshot.
- Drag the status bar downwards▶Tap [Screenshot captured.] to check captured images in the "Album" or "Photos" application. Also, tap [SHARE] to attach captured images to an application to send or to share them.

Recording a video (Record screen)

1 Press and hold ⏻ for over a second▶[Record screen].

A control panel is displayed.

- If terms of use are displayed, read them and then tap [AGREE].

2 Tap ● to start recording.

3 Tap the recording time button▶ Tap ■ to finish recording.

- Screen recording is recorded and ▣ appears in the status bar.
- Tap ✕ to close the control panel.

❖Information

- The control panel allows you to:
  - Tap 👤 to display an image from the front camera and capture the video together with that image.
  - Tap ⚙ to change the image quality or orientation of the video.
- Drag the status bar downwards▶Tap [Screen recording saved]. This allows you to view the recorded video. Tap [SHARE] to send by attaching recorded video to app, or tap [EDIT] to edit video.

Setting Emergency mode

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

1 Press and hold ⏻ for over a second.

2 [Emergency mode]▶Confirm "IMPORTANT INFORMATION"▶ Mark "I have read the important information"▶[TURN ON].

- All running applications end and the terminal restarts.

❖Information

- To cancel Emergency mode, press and hold ⏻ for over a second▶[Emergency mode]▶Tap [TURN OFF] or drag the status bar down▶[Emergency mode is on]▶[TURN OFF]. Emergency mode is canceled and the terminal restarts.
- For details on available applications in emergency mode, from the Home screen, ⊞▶[Settings]▶[Power management]▶[Emergency mode]▶[IMPORTANT INFORMATION]▶Tap [Available apps] to see the information.
- If you set/cancel emergency mode, you may need to reconfigure widgets or small apps (displayed in a small window) on the Home screen.

Notification LED

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

- Notification LED when STAMINA® mode is set (P.162)

Status	Indication
Red	Indicate that the battery level is 14% or less while the battery is being charged
Orange	Indicate that the battery level is 15% - 89% while the battery is being charged
Green	Indicate that the battery level is 90% or more while the battery is being charged
Flashing red	Indicate that the battery level is 14% or less
Flashing pale purple*	Indicate missed calls, new messages (SMS), or new Gmails exist

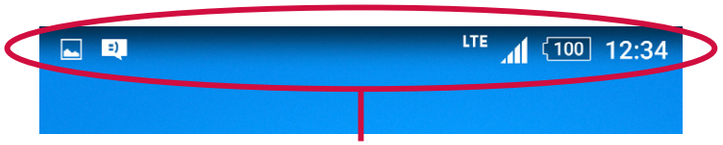
* The LED blinks when the backlight is off.

❖Information

- If the battery level is low, the notification LED flashes in red 3 times when ⏻ is pressed to turn the power on.
- When charging starts with the power off, notification LED turns on in red first.

Status bar

A status bar appears at the top of the screen. In the status bar, the terminal status and notification are displayed. Notification icons appear on the left side, and status icons appear on the right side of the status bar.



Status bar

Status icon

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

	Signal strength
	International roaming enabled
	Out of service
	HSPA available
	Communicating in HSPA
	3G (packet) available
	Communicating in 3G (packet)
	LTE available
	Communicating in LTE
	Connecting to Wi-Fi
	Communicating in Wi-Fi
	Connected to a Wi-Fi network with no access to the Internet. The Wi-Fi signal is poor.

	Bluetooth function ON
	Connecting to Bluetooth device
	Airplane mode activated
	Silent mode (with vibration) ON
	Silent mode (without vibration) ON
	Speakerphone ON
	Microphone put on mute
	Alarm is set
	NFC Reader/Writer, P2P function ON
	Positioning with GPS
	Connecting to a VPN
100	Battery status
97%	The battery is charging
4%	Battery is low (4% or less)
	PUK code locked, or docomo nano UIM card not inserted
+	STAMINA mode ON
	Low battery mode ON

❖Information

- Status icons displayed in the status bar can be changed (P.157).

Notification icon

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

	New email message
	New Gmail message
	New message (SMS)
	Problem with message (SMS) delivery
	New Area Mail
	Screenshot or screen recording saved
	Uploading data to Facebook
	Uploading data to Facebook completed
	Facebook setting request notification
	Receiving/downloading data
	Sending/uploading data
	Notification of data reception etc. via Bluetooth communication
	Unmount microSD card (reading/writing unavailable)
	Update notification
	Installation completed
	Application update notification
	Software update notification
	NFC/Osaifu-Keitai lock set on the terminal and docomo nano UIM card
	NFC/Osaifu-Keitai lock set on the terminal or docomo nano UIM card
	Omakase Lock set on the terminal and docomo nano UIM card

	Omakase Lock set on the terminal or docomo nano UIM card
	Receiving a call
	Making a call*/during a call*
	Incoming call on hold*/ongoing call on hold*
	Missed call
	Message is recorded in Answering Machine
	New voice mail
	Event notification for Schedule
	Stopwatch is running
	Timer in use
	Alarm in snooze mode
	Playing a track with Media Player
	Playing a truck in Music
	Receiving Mobacas
	Watching TV*/notification of reserved watching
	Recording TV*/notification of reserved recording
	FM radio in use*
	USB connected
MHL	MHL connected
	Screen mirroring connected
	Mobile data communication invalid
	Wi-Fi open network available
	The terminal set as media server/connection request notification received
	Error message/caution message
	Problem with sync
	Setup guide unchecked

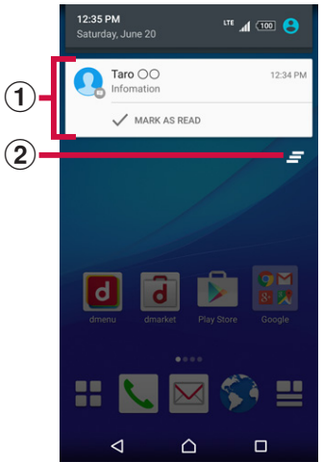
	Some notifications are hidden
	Notification from docomo LIVE UX
	Setting USB tethering
	Wi-Fi tethering ON
	Bluetooth tethering is set
	2 or more devices are set for tethering
	AUTO-GPS is set
	Omakase Lock is set
	Available memory on the terminal is low
	Notification of data transfer to microSD card exists (available internal storage decrease)
	Authentication failed in docomo ID setting

* Appears when switched to the Home screen etc.

Notification panel

When 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 downwards.



① Notification
② Clear
- Clear contents on the Notification panel. Some notifications may not be cleared.

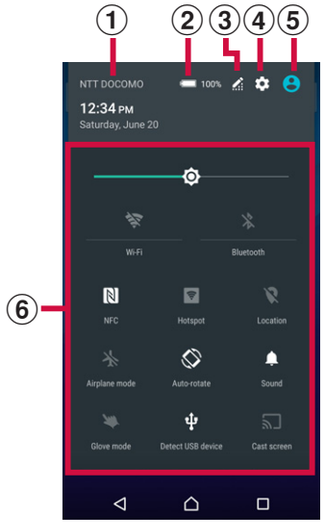
❖Information

- Tap ◁ to close the Notification panel.
- Flick left or right a notification on the Notification panel to delete from the list.
- For some notifications, pinch in/out (P.38) the Notification panel to show/hide screen for operation such as "SHARE" and "CALL BACK".
- You can also view notifications on the lock screen. Alternatively, you can set the terminal to hide notifications from the lock screen (P.160). Unlocking the screen shows notifications that are not displayed on the lock screen.

Quick settings panel

You can open the quick settings panel to enable or disable functions.

1 Drag the status bar downwards with two fingers.



① Name of network operator
② Power management
- Display "Power management" in the Settings menu (P.162).

③ Edit
- Add or delete the quick settings. You can also rearrange them.

④ Settings
- Display the Settings menu (P.147).

⑤ My profile
- Display the My profile screen (P.89).

⑥ Quick settings

Brightness level	Adjust the screen brightness.
Wi-Fi	Enable/disable Wi-Fi function.
Bluetooth	Enable/disable Bluetooth function.

NFC	Enable/disable NFC Reader/Writer, P2P function.
Hotspot	Enable/disable Tethering & portable hotspot function.
Location	Enable/disable location information.
Airplane mode	Enable/disable Airplane mode.
Auto-rotate	Set whether to switch portrait/ landscape view automatically according to the terminal orientation.
Sound	Enable sound/silent mode (with vibration)/silent mode (without vibration).
Glove mode	Enable/disable Glove mode.
Detect USB device	Have the terminal recognize a USB device connected to it (P.153).
Cast screen	Set whether to display the terminal's screen on a device that supports Google Cast.

❖Information

- You can also drag the Notification panel downwards to display the quick settings panel.
- Tap ◁ to close the quick settings panel.

Home screen

You can switch the Home screen of the terminal to "docomo LIVE UX", "Xperia™ Home" or "Simple Home".

- "docomo LIVE UX" (P.68)
- "Simple Home" (P.49)
- Switching home applications (P.60)

Xperia™ Home screen

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

① Widget : Google Search
② Widget : Clock
③ Shortcuts (applications)
④ Current home screen position
  - Flick the home screen left or right to switch.
⑤ Wallpaper
⑥ Apps button

❖**Information**

- To change the initial home screen for operations, switch the home screen you want to change to, touch and hold the area of the Home screen where no icons are displayed▶Tap .

Adding a home screen

Up to 7 home screens can be displayed.

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

- Alternatively, pinch-in on the Home screen.

2 Flick the Home screen left or right▶ .

❖**Information**

- To return to the Home screen, tap [⌂] or [◁], or tap any home screen.
- To delete home screen, switch to the home screen you want to delete and then touch and hold the area of the Home screen where no icons are displayed▶Tap .

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 are displayed.

- Alternatively, pinch-in on the Home screen.

2 [Widgets & Apps]▶Select the widget you want to add.

- When a settings screen appears, follow the onscreen instructions.

❖**Information**

- To return to the Home screen, tap [⌂] or [◁], or tap any home screen.
- To change displaying widget size, touch and hold a widget▶Drag the blue frame. Display size for some widgets may not be changed.
- To delete a widget, on the Home screen, touch and hold a widget to delete▶Drag it to "Remove" displayed at the top of the screen.

Adding a shortcut to the Home screen

You can add shortcuts of application, bookmark, etc.

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

- Alternatively, pinch-in on the Home screen.

2 [Widgets & Apps].

3 **[Apps]/[Shortcuts]▶Select the application/shortcut you want to add.**

- When a data selection screen or setting screen appears, follow the onscreen instructions.

❖Information

- To return to the Home screen, tap [⌂] or [◁], or tap any home screen.
- To delete a shortcut, from the Home screen, touch and hold the shortcut to delete▶Drag it to "Remove" displayed at the top of the screen.

Adding folders on the Home screen

You can put applications, shortcuts, etc. added to the Home screen into a folder to manage them.

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

❖Information

- To move an icon to a folder, on the Home screen, touch and hold an icon you want to move▶Drag it over a folder.
- To change a folder name, tap a folder▶Tap the folder name▶Enter a folder name▶Tap [DONE].
- To delete a folder, on the Home screen, touch and hold a folder to delete▶Drag it to "Remove" displayed at the top of the screen▶Tap [DELETE]. Applications, shortcuts, etc. in the folder are also deleted.

Changing wallpaper

You can change wallpaper of the Home screen.

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

- Alternatively, pinch-in on the Home screen.

2 **[Wallpapers].**

3 **Tap any of [Album]/[Live Wallpapers]/[Photos]/an image.**

- If you tapped [Album]/[Live Wallpapers]/[Photos], select an image and follow the onscreen instructions to set the wallpaper.

❖Information

- To return to the Home screen, tap [⌂] or [◁], or tap any home screen.

Changing theme

You can change themes for the Home screen, wallpaper of the lock screen, etc.

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

- Alternatively, pinch-in on the Home screen.

2 [Themes]▶Select an image.

3 ✓▶[OK].

Simple Home screen

Set Simple Home to use Home screen and the setting menu limited to basic functions.

1 From the Home screen, ⊞▶[Settings]▶[Home]▶[Simple Home]▶[OK].

2 [OK].

- To set the font size to "Extra large", mark "Set font size to Extra large".

Applications on the Simple Home screen

Maps		P.140
Browser		P.99
Settings		P.51
My Apps		P.51
Tools	Contacts	P.53
	Calendar	P.53
	Alarm & clock	P.142
	Calculator	P.54
	Osaifu-Keitai	P.104
	Gmail	P.97
	Play Store	P.102
	dmenu	P.102
	dmarket	P.102
	しゃべってコンシェル (Shabette concier)	P.54
	ｉコンシェル (i-concier)	P.54
Media	Music	P.53
	Album	P.134
	Video	P.53
	TV	P.114
	FM radio	P.120
	YouTube	P.136
	NOTTV	P.108
Camera		P.121
docomo mail		P.90
Messaging		P.90
Dial		P.53

Apps*	—
Speed dial	P.50

* Applications such as "Anshin Scan", "docomo backup", etc. appear.

❖Information

- To change to the standard Home screen, from the Simple Home screen, tap [Settings]▶[Exit Simple Home]▶[OK]▶[docomo LIVE UX]/[Xperia™ Home].

Using speed dials

Save frequently used contacts to "Speed dial" to easily make a call or send a message.

■ Saving contacts

Save phone numbers and mail addresses to "Contacts" beforehand.

1 On the Simple Home screen, [Speed dial]▶[OK].

2 Select a contact to save.

- The name "Speed dial" on the Simple Home screen will change to the name saved in the "Contacts" application.

■ Making a call

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

- Operation during a call (P.80)

■ Sending messages (SMS)/mail

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

- How to send a message (SMS) (P.90)
- How to send email (P.94)
- How to send Gmail (P.97)

❖Information

- To change/delete/edit contacts saved in the speed dials, select a contact saved in the speed dial▶[MENU]▶Tap any of [Edit entry]/[Delete entry]/[Edit contact].

Using Settings

1 On the Simple Home screen, [Settings].

My profile		Check your own phone number and mail address, etc.
Display	Wallpaper	Set the wallpaper for the Simple Home screen or the lock screen.
	Themes	Set the theme for the wallpaper on the Simple Home screen or the lock screen.
	Brightness	Adjust the screen brightness.
	Auto-rotate screen	Set whether to switch portrait/landscape view automatically according to the terminal orientation.
	Font size	Set font size for the "Contacts" application, etc.
	Sleep	Select a time duration before the screen back light turns off.
	Screen lock	Set screen unlock method.
Sound	Silent/Vibrate mode	Set silent mode.
	Ringtone	Set ringtone.
	Vibrate on touch	Set whether to vibrate the terminal for some operations such as specified software key operation.
	Touch sounds	Set whether to emit sound when selecting menu.
	Vibrate when ringing	Set whether to vibrate the terminal when receiving a call.
Customize Home	Change apps	P.52
	Reorder apps	
	Reset	
More settings		Display Settings menu on the standard Home screen (P.147).
Exit Simple Home		Change to the standard Home screen.

Saving applications in My Apps

If frequently used applications, etc are saved in the "My Apps" folder, the applications can easily be activated

1 On the Simple Home screen, [My Apps]▶[EDIT]▶[OK].

2 Mark applications to save▶[DONE].

❖Information

- To delete applications saved in the "My Apps" folder, in Step 2, unmark applications to delete▶Tap [DONE].

Changing applications on the Simple Home screen

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

2 [Change apps]/[Reorder apps].

3 Select applications to change▶Select applications to display/select a location to move to.

- Grayout applications cannot be changed.

4 [OK].

❖Information

- In Step 2, tap [Reset]▶[OK] to restore the defaults. Note that contacts saved in the speed dials and applications saved in "My Apps" folder are not restored.

Xperia™ Application screen

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

- Switching Home application (P.60)

1 From the Home screen, .

① Option menu
② Current displayed position of the application screen
- Flick the application screen left or right to switch.

③ Search for applications
④ Application icons
- Some application icons are displayed with a number of missed calls, unread mails, etc.

❖Information

- You can also flick right from the left edge of an application screen to open the option menu. On the leftmost application screen sheet, you can flick right anywhere on the screen to open the option menu.

Application list

Applications displayed on the application screen are as follows.

- For usage of some applications, separate subscription (Charged) is required.

Contacts

Open the Xperia™ phonebook application to manage contact information for your friends and family.

Dial

Open the Xperia™ phone application to make/receive calls.

Messaging

Send and receive messages (SMS).→P.90

Browser

View web pages in Browser.→P.99

Music

Play music files stored on your internal storage or microSD card.

Album

Play still pictures or videos.→P.134

Video

Play videos that have been downloaded or transferred to the terminal. The Wi-Fi feature allows the terminal to play videos stored on other devices.

PSN

Use the PlayStation™ Network services.

Camera

Shoot photos or videos.→P.121

Alarm & clock

Use alarm, world clock, stop watch and timer.→P.142

Calendar

Display a calendar and manage your schedule.

Maps

Use Google Maps services, such as viewing current location, finding another location and calculating routes.→P.140

Lifelog

Keep track of your daily activities, including your number of steps and calorie consumption. This application also records your actions on the terminal, such as shooting photos and videos and listening to music.

Movie Creator

An application that automatically edits photos and videos taken with the camera.

TV

Watch TV programs.→P.114

YouTube

Play YouTube videos.→P.136

Osaifu-Keitai

Use Osaifu-Keitai services.→P.104

Play Store

Download or purchase various applications from Google Play.→P.102

Settings

Configure settings for the terminal.→P.147

ツール (Tools)

This contains the following applications:

Calculator

Perform basic arithmetic operations and other various calculations.

Audio Recorder

Record speech, music, and other audio with high sound quality.

Sketch

An application that allows you to create drawings or illustrations by touching the screen or to import photos and modify them.

File Commander

Search for still pictures, videos, music files, downloaded files, and so on.→P.178

Email

Send and receive emails. Multiple accounts are available.→P.93

OfficeSuite

View/edit Word, Excel, and other files.

FM radio

Listen to FM radio.→P.120

TrackID™

This application recognizes music around you and allows you to search for its title and artist.

TrackID™ TV

Use a service that provides information about the TV program you are watching.

dmenu

An application shortcut for "dmenu". In "dmenu", you can easily find contents you used in i-mode and joyful and convenient contents for smartphones.→P.102

dmarket

There are various products such as music, e-books, etc. You can purchase them that suits your needs.→P.102

しゃべってコンシェル (Shabette concier)

Tell the character what you want to know or what you want him/her to do, and the application will interpret your words and display an answer that serves your purpose.

i コンシェル (i-concier)

An application for using i-concier. i-concier is a service in which a mobile phone supports your life like a "butler" or "concierge".

NOTTV

Watch Mobacas. You can enjoy programs/contents broadcasted by "NOTTV" etc.→P.108

IC Tag/Barcode Reader

An application that can read information written in IC tag or bar code.

docomo backup

An application for backing up to/restoring from your "データ保管BOX (Data Storage BOX)" or "microSD card".→P.144

Instruction Manual
Display the terminal instruction manual. You can directly start a function you want to use from the explanation (in Japanese only).
* See "About manuals of SO-03H" in "Introduction".

ドコモクラウド (docomo cloud)
This contains the following applications:

docomo phonebook
A phonebook application provided by docomo. It allows you to manage your "docomo account" phonebook data in the cloud.→P.85

docomo mail
Send/receive mails using DOCOMO mail address (@docomo.ne.jp). Sent/received mails are saved in cloud. You can view the same mail on the multiple devices or transfer mail data easily when changing model.
Pictograms and Deco-mail can be used, and automatic reception also is supported.→P.90

フォトコレクション (Photo collection)
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.

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.

Memo
An application for creating/managing memos whose data is shared with Memo application. It supports i-concier service.

Schedule
An application for creating/managing schedule whose data is shared with Memo application. It supports i-concier service.→P.141

ドコモのおすすめ (docomo's recommendations)
This contains the following applications:

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.107

Anshin Scan
An application that allows you to use your smartphone with peace of mind. It detects viruses, helps you understand which applications use your personal data, and alerts you if you are attempting to access potentially dangerous websites.

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 own terminal.→P.202

Disaster kit

An application for using Disaster Message Board, Disaster Voice Messaging Service and Early Warning "Area Mail".→P.98

Visa prepaid

An application for readily issuing Visa prepaid card that is dedicated to Internet shopping. You can use it for Internet shopping instantly.

ToruCa

An application for collecting saving coupons/ convenient information from your favorite shops.→P.108

shoplat

An application for obtaining points or coupons by checking in at shoplat stores. You can exchange the points for vouchers or points of shoplat stores.

docomodake 30color

A simple mini game in which docomodake appears. Tap pieces in a 7 × 7 square board to clear.

My Magazine

A search service for displaying articles in the category of your choice.→P.73

Phone

An application for using phone features and configuring call settings.→P.75

Media Player

Play music and videos.→P.136

Sony

This contains the following applications:

What's New

Find the latest news about music, videos, and other media and check for application updates.

電子書籍 Reader by Sony (e-books Reader by Sony)

Purchase books or other content at the "Reader Store", Sony's eBooks store.

TV SideView

View the TV program guide or use your terminal as a remote for Sony televisions or other devices.

News from Socialife

View social networking sites, news sites, and other websites in one place.

PlayStation

Connect your terminal to a PlayStation, and you can operate it.

Xperia™ Lounge Japan

An application that provides information about products and campaigns from Sony Mobile Communications, Inc.

Evernote
Create memos, images, audio files, and other content and manage them in one place.

Instagram
An application that allows you to freely edit photos and videos taken with your terminal and share them easily with people around the world.

Twitter
Official Twitter client application. Post a short message on the website and communicate with someone else.

Facebook
This contains the following applications:

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

Messenger
A chat application that allows you to send messages and stickers to your Facebook friends or cellphone contacts.

Google
Search information in the terminal and web pages by keywords.→P.61

Voice Search
Use Google Voice Search.→P.61

Chrome
View web pages in Google Chrome.

Gmail
Send and receive mails from/to a Google account.→P.97

Google+
The client application for the SNS offered by Google.

Play Movies & TV
Rent movies from Google Play.

Play Books
Download books from Google Play.

Play Games
Download games from Google Play.

Drive
View/edit files stored in Google Drive.

Photos
Play photos and videos. You can back them up to your Google account.

Hangouts
Send and receive messages with photos, emoji, and more. You can also make voice and video calls.

Google Settings
Configure settings for Google applications.

❖Information
- Some pre-installed applications can be uninstalled. Even if uninstalled, some applications can be downloaded from "Play Store" (P.102) etc. again.
- Some applications require downloading and installation. If downloading an application is not available, set to allow to download (P.165).

- Having multiple applications running can consume more battery power, resulting in fewer hours of use. For this reason, it is recommended to quit applications that you are not using. To quit an application, [□] ▶Flick left or right on its thumbnail.

Adding an application to the Home screen

Add shortcuts of application to the Home screen.

1 On the application screen, touch and hold an icon you want to add to the Home screen.

- For the application icons in a folder, drag out from the folder.

2 Drag it to "Add to Home screen" displayed at the top of the screen.

- When the Home screen is displayed, drag it to a position to locate the shortcut.

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 On the application screen, tap ☰ or flick right from the left edge of the screen▶[Uninstall].

2 Tap an application icon with ☒.

3 [OK].

Adding a folder to the application screen

When the order of application icons is set to "Custom order" in the option menu (P.52), you can manage your application icons on the application screen by putting them in folders.

1 On the application screen, touch and hold an application icon▶ Drag it over another one.

❖Information

- To move an icon to a folder, on the application screen, touch and hold an icon you want to move▶Drag it over a folder.
- 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 change a folder name, tap a folder▶Tap the folder name▶Enter a folder name▶Tap [DONE].

Rearranging application icons

When the order of application icons is set to "Custom order" in the option menu (P.52), you can rearrange your application icons as you like.

1 On the application screen, touch and hold an icon▶Drag it to any position you like.

❖Information

- While sorting application icons, drag an icon to the right edge of the application screen to add an application screen.
- Set "Alphabetical", "Most used", or "Installed" to automatically rearrange the icons.

Task manager

You can check the recently-used applications and end them. You can activate a small app (application displayed in a small window) which can be used while using another application.

Opening recently-used application window

Display recently used applications in thumbnail list and activate.

1 [□].

❖Information

- Tap a thumbnail of application to activate.
- Flick left or right a thumbnail of application to delete it from the list.
- To quit all applications and delete them from the thumbnail list, tap .

Small apps

You can use a small app (application displayed in a small window) such as Browser while using another application.
Applications downloaded from Google Play or widgets can be added to small apps.

Using small apps

1 [□].

- Your set small apps will appear in the Favorites bar at the bottom of the screen.

2 **Select a small app to use.**

❖Information

- If several small apps are set, flick left or right on the Favorites bar to see them.
- To close a running small app, tap ×.

Adding small apps

1 [□]▶[^].

- Small apps list appears.

2 **Touch and hold the small app or widget you want to add▶Drag it to the Favorites bar.**

❖Information

- Alternatively, select an app/widget in the small app list to activate a small app.
- In the small app list, tap + ▶[Play Store]/[Widgets] to install a new small app from Google Play or add a widget to small apps.
- To delete a small app from the Favorites bar, touch and hold that small app▶Drag it to 🗑 displayed outside the Favorites bar▶Tap [OK].
- To delete a widget or small app, in the small app list, tap ⋮ ▶[Delete widget]/[Uninstall small app]▶Select a widget or small app to delete▶[OK].

Switching Home application

In the terminal, you can switch the Home screen between "docomo" or "Xperia™".

1 **From the Home screen, ⊞▶[Settings]▶[Personalization]▶[Preferred apps settings].**

2 **[Set all to]/[Home screen].**

- When "Set all to" is selected, you can set home application, lock screen, phonebook application and application for playing videos or music all at once.

3 **[docomo]/[Xperia™].**

4 **[OK].**

❖Information

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

Searching information in the terminal and web pages

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

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

2 Enter a search word.
- Character entry (P.61)
- The search candidate list appears.

3 Tap an item or of software keyboard.

❖Information
- Alternatively, from the Home screen, ▶[Google] to activate the "Google" application.
- In Step 1, the explanation screen for Google Now may appear. Follow the onscreen instructions.
- When applications appear in Step 2, select an application to activate.

Using Google Voice Search

Enter a search word by voice.

1 From the Home screen, of the Google Search widget.

2 Speak a search word to the microphone.

❖Information
- Alternatively, from the Home screen, tap ▶[Voice Search] to activate the "Voice Search" application.

Search settings

You can set the language to use for searching and the type of data you want to find when searching your terminal.

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

2 Flick right from the left edge of the screen▶[Settings].

3 Select an item.

Character entry

Enter characters using the software keyboard which appears when you tap the character input box in a mail, phonebook, etc.

❖Information
- To hide software keyboard, tap displayed at the lower left of the screen.
- Touch and hold a text on the character entry screen to display the enlarged text.

POBox Plus 日本語入力 使い方ガイド (Xperia™ Japanese keyboard Online help)

Character input method for the terminal is set to"Xperia™ Japanese keyboard" by default when the language is set to 日本語 (Japanese). Details on using Xperia Japanese keyboard are explained in "POBox Plus 使い方ガイド (Online help)".

1 On the character entry screen, ··· of the quick tool bar.

- Details of the quick tool bar (P.64)
- If the quick tool bar does not appear, tap ツール (for character mode of "Alphabet" and "Numeric", tap あA1 / あA1 to switch to "Kana", then ツール appears).

2 [Help & Tips].

Selecting keyboard

1 From the Home screen, ⊞▶[Settings].

2 [Language & input]▶[Current Keyboard]

3 Tap any of [Xperia™ Chinese keyboard]/[Xperia™ keyboard]/[Xperia™ Japanese keyboard].

❖Information

- When the language is set to English, the default input method is set to "International keyboard". To use the Japanese keyboard, tap [Xperia™ Japanese keyboard] in Step 3. In this manual, explanations are given only for "Xperia™ Japanese keyboard".
- You can also select a keyboard by tapping ⌨ displayed at the lower right of the screen when entering characters.

Software keyboard

For Xperia™ Japanese keyboard, the following software keyboard can be used.

- Character input method (P.64)

Keypad	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.

❖Information

- Besides using the software keyboards, handwriting input and voice input are available for entering characters.

Switching software keyboard or changing the settings

Display the tool list to switch between software keyboard and handwriting/voice input, use plug-in applications (extensions), or change the settings.

1 On the character entry screen, ··· of the quick tool bar.

- Details of the quick tool bar (P.64)
- If the quick tool bar does not appear, tap ツール (for character mode of "Alphabet" and "Numeric", tap あA1 / あA1 to switch to "Kana", then ツール appears).

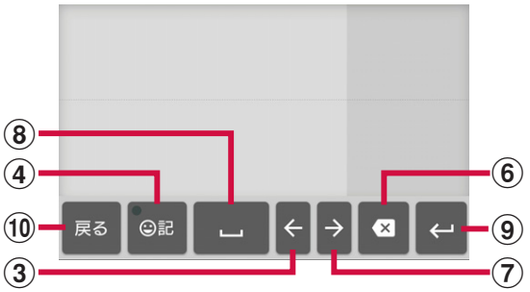
Keyboard layout	Set software keyboard (Keypad or QWERTY) for each character mode.
Switch to QWERTY/ Switch to keypad	Switch to QWERTY/keypad.
One-handed keyboard	Change the keyboard size for one-handed operation.
My Words	P.67
Settings	Change Xperia™ Japanese keyboard settings.
Keyboard skins	Change software keyboard skin.
Online help	P.62
For beginners	Select "Online help" to display "POBox Plus 日本語入力 使い方ガイド (Online help for Xperia™ Japanese keyboard)" (Japanese) (P.62). Select "Simple keyboard" to switch to an easy-to-see software keyboard. Select "Reset" to restore the settings and design of the software keyboard to their factory defaults.
Handwriting	Switch to handwriting input.
docomo voice input	Switch to docomo voice input.
Google voice typing	Switch to Google voice typing.
Download	Download plug-in applications (extensions) from website.
Contact Picker 2.3	P.66

Character input method

When you tap a key on the software keyboard, candidates list for the entered characters appears. Tap a word you want to enter from the candidate list, text can be input one after another.

Keypad

QWERTY



Handwriting input

① Quick tool bar
Display shortcuts of frequently-used functions. Tap ··· to display the tool list (P.63).

② ツール
Show/hide the quick tool bar.
逆順
Characters assigned to a key appear in reverse order.
全角 / 全角
Appears when entering numbers, tap to switch one-byte/two-byte character.
⇧ / ⇧ / ⇧
Appears in alphanumerics input mode, tap to switch lower case, capitalization and upper case.

③ ←
Move the cursor to the left.

④ ☺記 / ☺記
Show/hide list of symbols, facemarks, etc.
予測 / 変換 / 英数カナ
Appears before fixing character in Kana mode and switches among 予測 (prediction) candidate list/変換 (conversion) candidate list/英数カナ (alphanumeric/katakana) conversion candidate list.

⑤ あA1 / あA1 / あA1
The character mode switches "Kana"→"Alphabet"→"Numeric" in order.
あA1 / あA1 / あA1 Touch and hold
Display the tool list (P.63).

⑥ ⌫
Delete the character before the cursor.

⑦ →
Move the cursor to the right.
When there is an unfixed character string with the cursor at the right end, tap to enter the same character as the one at the end (Except for Handwriting input).

⑧ ␣
Enter spaces.
候補
In Kana mode, highlight and select word in the candidate list.

⑨ ↵
Enter a line feed.
確定 *
Appears before fixing character and fixes the character.
* In some screens, 🔍, "次へ (Next)", "完了 (Done)", "実行 (Go)", etc. appear.

⑩ 戻る
Return to keypad/QWERTY.

❖Information

- To return to the display before conversion after the conversion is fixed, tap 取消 displayed in つながり予測 (associative) candidate (except in handwriting input mode) etc.
- To enlarge the display area, tap ∨ in the candidate list. To display the software keyboard, tap ∧ or [閉じる (Close)].
- For Handwriting input, tap an icon at the upper left of entered character to display candidates for the entered character. Recognized character is displayed in light blue and characters are displayed at the bottom of candidate list in different colors by type.
- For Handwriting input, the following operations are available.
  - When entering 2 or more characters and tapping the icon at the upper left, ⊕ appears. Tap ⊕ to combine entered 2 characters to 1 character.
  - When entering characters, tap ⊠ to delete entered characters.
- Note the following when you use Handwriting input.
  - For voiced sound and semi voiced sound mark, enter in the right upper part of the input screen.
  - For punctuation mark and lower case, enter in the lower part from the center of the input screen.

Flick input

Flick up/down/left/right to enter characters in each column of kana syllabary.

Ex: Entering characters in "な" column
You can enter "な" only by tapping. Flick left for "に", up for "ぬ", right for "ね" and down for "の".

Multi-tap input

Tap the same key continuously to enter the assigned character.
To enter a character assigned to the same key, wait for changing color of tapped key to the original (approx. 1 second), then enter the next character (for entering the next character soon, tap → to move the cursor).
With the key in the original color, tap → to enter the last entered character again.

Ex: Entering "あお"

1 **Tap "あ" once▶Wait approximately 1 second (until the key color returns to the original).**

2 **Tap "あ" 5 times.**

or

1 Tap "あ" once▶(Immediately) [→].

2 Tap "あ" 5 times.

❖Information

- To switch the input method between "Flick input" and "Multi-tap input", tap [···] in the quick tool bar on the character entry screen▶[Settings]▶[Input method]▶[Input method], then select the desired item.

Editing text

On the character entry screen, double-tap character you want to edit so that text edit menu appears at the top of the screen. Drag ● or ● to change the character string to select.

(Select all)	Select all text.
(Cut)	Cut a selected character string.
(Copy)	Copy a selected character string.
(Paste)	Paste a copied/cut character string.
← (Complete)	Close the edit menu.

❖Information

- To paste a copied or cut character string, touch and hold a position where you want to insert▶Tap [PASTE]. When text is already entered, tap a position where you want to insert▶ ● ▶Tap [PASTE].
- Edit menu icons vary by applications.
- In the landscape screen, editing menu may not be displayed.
- On some applications, the function may not be available.

Quoting contacts

If contacts are registered to the Contacts, you can use "Contact Picker 2.3" to enter contact information when entering characters.

1 On the character entry screen, [···] of the quick tool bar.

- Details of the quick tool bar (P.64)
- If the quick tool bar does not appear, tap [ツール] (for character mode of "Alphabet" and "Numeric", tap [あA1] / [あA1] to switch to "Kana", then [ツール] appears).

2 [Contact Picker 2.3]▶Tap "CONTACTS" tab.

3 Tap the contact to pick up.

4 Mark items you want to quote▶[OK].

❖Information

- "HISTORY" tab displays contacts that are picked up when entering characters.

My Words

Register words to My Words beforehand to display the words as the preferred candidates when entering characters.

1 On the character entry screen, ··· of the quick tool bar.

- Details of the quick tool bar (P.64)
- If the quick tool bar does not appear, tap ツール (for character mode of "Alphabet" and "Numeric", tap あA1 / あA1 to switch to "Kana", then ツール appears).

2 [My Words].

3 ＋.

4 Tap the character input box for "Reading"▶Fill it out.

5 Tap the character input box for "Word"▶Fill it out.

6 [OK].

❖Information

- To delete, in Step 3, mark words in My Words to delete▶🗑▶Tap [DELETE].

Setting character entry

For each input method, you can make settings related to character entry.

1 From the Home screen, ⊞▶[Settings]▶[Language & input].

2 Tap any of [Xperia™ Chinese keyboard]/[Xperia™ keyboard]/[Google voice typing]/[Moji-Henshu]/[Xperia™ Japanese keyboard].

- Tap an item displayed on the screen to set.

❖Information

- The items vary depending on the input method.
- When entering characters with Xperia™ Japanese keyboard, on the character entry screen, tap ··· of the quick tool bar▶[Settings] to display the settings screen for Xperia™ Japanese keyboard.

Home screen

Tapping [⌂] displays Home screen which consists of up to 7 screens you can use flicking left and right.

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(Butler Sheep)"
©NTT DOCOMO

① Widget : Google Search
② Machi-chara
③ Application icon
④ Apps button
- Display the application list screen (P.70).

⑤ Application icons
- This icons are always displayed even when the Home screen is switched.

⑥ Wallpaper
⑦ Current home screen position
- Flick the Home screen left or right to switch.

⑧ My Magazine button
- Display My Magazine (P.73).

Managing the Home screen

Adding/Moving applications etc. to the Home screen

Move application icons or add widgets or folders to the Home screen.

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

2 Any of [Show apps]/[Show widgets]/[Create folder]/[Machi-Chara display setting].

- To move/add applications or widgets, touch and hold the icon▶Drag it to the Home screen display area at the bottom of the screen.
- When you tap [Machi-Chara display setting], make basic settings/Machi-chara setting.

❖Information

- To move applications into a folder, touch and hold an icon▶Drag it over a folder.
- Tap a folder▶Tap a folder name to changer the folder name.

Moving an icon on the Home screen

1 From the Home screen, touch and hold an icon you want to move.

2 Drag it anywhere.

- To move to another Home screen, keep touching the icon and drag it to left or right.

Deleting an icon from the Home screen

1 From the Home screen, touch and hold an icon you want to delete.

2 Drag to "Back to apps list"/ "Remove from Home".

Uninstalling an application or widget from the Home screen

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

1 From the Home screen, touch and hold an icon you want to uninstall.

2 Drag to "Uninstall"▶[OK].

❖**Information**

- You can disable some applications or widgets which cannot be uninstalled by dragging to "Disable app" in Step 2 (P.163).

Changing Kisekae

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

2 [Change Kisekae].

3 Tap a Kisekae you want to change▶[SET].

❖**Information**

- Alternatively, from the Home screen, ⊞▶ ⋮ ▶ [Kisekae].
- You can add Kisekae contents by tapping [Search on the web] to download from website. To delete added Kisekae contents, tap a Kisekae to delete▶[DELETE] ▶[Delete].

Changing wallpaper

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

2 [Change wallpaper].

3 Tap a wallpaper you want to change.

- Tap [See more wallpapers] to select from "Album", "Photos", "Live Wallpapers", or "Xperia™".

4 Follow the onscreen instructions to set wallpaper.

Adding a home screen

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

2 [Home screens].

3 ⊞.

- To delete home screen, tap ⊗ of the home screen thumbnail you want to delete.
- To sort home screens, touch and hold a home screen thumbnail you want to sort▶Drag it to any position.

❖Information

- Alternatively, pinch-in on the Home screen to display the home screen list.
- Up to 7 home screen can be set.
- To return to the Home screen, tap ⌂ or ◁, or pinch-out.

Application screen

1 From the Home screen, ⊞.

- Flick the Home screen downwards to display the application screen.

① Apps/Widgets/Wallpapers tab
- Display application icons/widgets/wallpaper list.

② Application icon list
- Applications on the Home screen are not displayed in the list.

③ Home screen display area
- Flick left or right to switch.

④ Option menu
- View optional menu such as Settings.

⑤ Recommends button
- Install applications recommended by DOCOMO (P.71).

⑥ Current position in the list screen
- Display by application icon/widget list.

❖Information

- To close the application screen, tap [◁] or [⌂], or flick up the Home screen display area at the bottom of the screen.

Customizing the application screen

Moving/Adding an application or widget to the Home screen

1 On the application screen, touch and hold an icon you want to add to the Home screen.

2 Drag it to the Home screen display area at the bottom of the screen.

Uninstalling an application or widget

Some application icons and widgets can be deleted from the application screen.

- Before uninstalling an application or widget, see "Uninstalling an application or widget from the Home screen" (P.69).

1 On the application screen, touch and hold an icon of application you want to uninstall.

2 Drag to "Uninstall"▶[OK].

❖Information

- You can disable some applications or widgets which cannot be uninstalled by dragging to "Disable app" in Step 2 (P.163).

Moving application in the application icon list

1 On the application screen, touch and hold an icon to move.

2 Drag it anywhere.

Installing "Recommends" applications

Install applications recommended by DOCOMO.

1 On the application screen, [Recommends].

2 [おすすめアプリを見る (See recommended apps)].

3 Select an application to use.
- Download screen appears. Follow the onscreen instructions.

Display all apps

It is a function to search where an application is located.

1 **From the Home screen, ⊞▶ ⋮ ▶[Display all apps].**
- All applications are displayed in a list.

2 **Tap an application.**
- The screen such as the Home screen, application list, or the folder where the tapped application icon is located appears. The application icon is selected in the screen.

Backing up and restoring the Home screen

You can use docomo LIVE UX data backed up on the docomo cloud to restore the layout of applications, widgets, and other items on the Home screen. Once it is restored, a page for docomo services is added to the bottom of the Home screen.

- To use the backup and restore features, you need to set up your "docomo ID" (P.164).

Backing up the Home screen

1 **On the Home screen, ⊞▶ ⋮ ▶[Layout backup and Restore].**
- For the first activation, confirm the Application Privacy Policy, Precautions, and Software License Agreement, then tap [AGREE].

2 **⚙▶[BACKUP].**

Restoring the Home screen

1 **On the Home screen, ⊞▶ ⋮ ▶[Layout backup and Restore].**

2 **[Restore the latest backup data]/ [Restore from backup data list].**
- If you selected [Restore from backup data list], select the data you want to restore▶Tap [Restore].

3 **[Restore].**

Backup settings

1 On the Home screen, ⊞▶ ⋮ ▶[Layout backup and Restore].

2 ⚙.

Backup automatically	Set whether to periodically back up the home screen information for the docomo LIVE UX.
Multi-Device Sync	Set whether to send a notification to your other devices when an application has been installed.
Sync on Wi-Fi only	Set whether to back up or sync data only when the terminal is connected via Wi-Fi.
Sync while Roaming	Set whether to back up or sync data during international roaming.
Delete backup data	Delete your backup information from the server.
Open source licenses	View open source licenses.
Terms of use	View the terms of use.
Help	View the operation guide.
About	View the application's version and other information.

Using My Magazine

My Magazine is a search service for displaying articles for categories you selected. It helps to set search words depending on your tendency of read articles or profile information to come close to your preference.

1 From the Home screen, 📖.

- When you activate for the first time, select categories on the selection screen for categories then tap [OK].
- Flick the article list screen left or right to switch categories.
- Tap [See more info] to show other articles in the category.

2 Tap an article you want to read.

❖Information

- Alternatively, flick the Home screen up to display the article list.

Setting a category

1 From the Home screen, 📖▶ ⋮ ▶[Display category setting].

2 Mark the category you want to display▶[OK].

Changing My Magazine use setting

1 **From the Home screen, ▶ ⋮ ▶[My Magazine settings]▶[My Magazine use setting].**

2 **[Use]/[Not use]▶[OK].**

❖**Information**

- You can also set by tapping ⋮ on the application screen▶[My Magazine use setting].

Checking Home application information

1 **On the application screen, ⋮ ▶[About].**

Making/Receiving a call

Making a call/video call

1 From the Home screen, ▶"Dial" tab.

2 Enter a phone number▶ .

- To make a video call, enter a phone number▶ ▶Tap [Video call].
- Tap to delete the number.

3 When the call is finished, .

- To end a video call, tap the screen▶Tap .

❖Information

- In Step 2, tap without entering a phone number to enter the phone number registered as the latest call in Recent calls.
- To activate Xperia™ phone application, from the Home screen, tap ▶[Dial].
- You can display contact, create message (SMS), or make call again from the call end screen.
- With VoLTE, you can make high-quality voice and video calls. You can also switch between voice and video calls.
  To use VoLTE, both parties must meet the following requirements.
  - Both terminals support VoLTE.
  - Both parties are in a Xi service area. (VoLTE is not available outside a Xi service area or during international roaming.)
  - "Preferred network type" in "Mobile networks" is set to "LTE (preferred)/3G/GSM" or "LTE/3G" (P.189), and "Call mode" is set to "VoLTE/3G" (P.85).
- On a video call, both speakers can see each other while talking.
  - When you make a video call, voice call and packet communication charges will apply. When you receive a video call, packet communication charges will apply.
  - Video calls are based on best-effort communication (which optimizes transmission speed depending on how busy your network is), so the quality of video images varies depending on your network environment.
  - If your terminal fails to switch to a video call while on a voice call, a massage appears on the screen, and the voice call continues.
  - Since imaging for video call varies by terminal model, your terminal and the other party's terminal may show different image in scope.

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 emergency numbers such as 110, 119, or 118, 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.
  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.
  If you make a call hiding your caller ID, such as by entering a phone number with "184" for each call, the location information and phone number are not notified. However, the Emergency call acceptance organization may decide to obtain the location information and phone number regardless of your settings when they consider it is necessary for lifesaving, etc. 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 for emergency 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 police/fire department. Also, make a point to call in a stationary position to prevent the call from being dropped. Do not power off the terminal for at least 10 minutes after the emergency call just in case the Police or Fire/Ambulance may have to get in contact with you.
- Note that you may not connect to the local Fire Department or Police Station depending on where you are calling from.

❖Information

- If docomo nano UIM card is not inserted to the terminal, emergency calls (110, 119, 118) cannot be made in Japan.
- You can make an emergency call by tapping [Emergency call] on the lock screen. In Japan, however, on the PIN code entry screen, while PIN code locked or while PUK locked, emergency calls (110, 119, 118) cannot be made.
- If you call to emergency numbers with Call Blocking is ON, the setting turns off automatically.
- Emergency calls may not be available on some networks.
- The video call feature does not support emergency calls to 110, 119, and 118.

Entering pause (,)/(;) to send

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

■ Using 2-second pause (,)

Added number will automatically be sent approximately 2 seconds after the call is made.

1 **From the Home screen, ▶"Dial" tab.**

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, ▶"Dial" tab.**

2 **Enter a phone number▶ ▶[Add wait]▶Enter an additional number ▶ .**

3 **On a confirmation screen, [YES].**

4 **When the call is finished, .**

Making an international call (WORLD CALL)

For details on the WORLD CALL, refer to NTT DOCOMO website.

- Send replacing "+" by an international access code.

1 **From the Home screen, ▶"Dial" tab.**

2 **Dial + (touch and hold [0])▶Enter Country code, Area code (City code), recipient number in the order▶ .**

- When "Auto conversion" in International dial assist is marked (P.193), the international dial assist screen appears when sending. Tap [Call original] or [Call].

3 **When the call is finished, .**

❖Information

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

Receiving a phone/video call

- When a phone or video call comes in, the incoming call screen appears.
- If the backlight is on (except on the lock screen) or an application is running, a notification appears at the top of the screen (P.79).

1 On the incoming call screen, drag (left) to (right).

- To accept a video call, drag (left) to (right). To answer a call with voice only, drag (left) for "Voice only" to (right).

2 When the call is finished, .

Answering a video call with the camera turned off

You can answer a video call without sending your image to the other party.

1 On the incoming call screen, drag "Response options" up.

2 [Answer without video].

Putting a call on hold

If you are not available to answer a call, you can put the call on hold.

1 On the incoming call screen, drag "Response options" up.

2 [Put caller on hold].

The other party will hear a message saying that the call is on hold.

3 When you are ready to answer the call, drag (left) to (right).

- The call will be put on hold until you drag (right) to (left) or the other party ends the call.

Answering an incoming call with Answering Machine

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

1 On the incoming call screen, drag "Response options" up.

2 [Reject with Answering Machine].

❖Information

- If there is a recorded message, is displayed in the status bar. Drag the status bar downwards▶Tap [Answering Machine] to display the Messages screen, where you can check the recorded message.

Muting the ringtone for an incoming call

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

❖Information

- You can stop vibration by pressing the volume key or ⏻ when silent mode (with vibration) is set.
- On the Home screen etc., press the volume key to adjust the ringtone volume.

Declining a call

1 When receiving a call, drag (right) to (left).

Rejecting an incoming call and sending a message (SMS)

If you are not available to answer a phone or video call, you can decline the call and send a message (SMS). Message to send is registered in advance, and you can edit it if necessary.

1 On the incoming call screen, drag "Response options" up.

2 [Reject with message].

3 Tap a message to send.

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

❖Information

- To edit existing message, from the Home screen, tap ▶ ▶[Call settings]▶[Reject call with message]▶Select an existing message and edit it▶[OK] in advance.

Receiving a phone/video call when an application is running

If the backlight is on (except on the lock screen) or an application is running when a call comes in, a notification appears at the top of the screen.

1 (Accept).

You can start a voice conversation.

- You can answer an incoming video call with voice only.
- To accept a video call, tap .
- To decline a call, tap (Decline).
- Tap a notification that appears, and you can see the incoming call screen.

2 When the call is finished, .

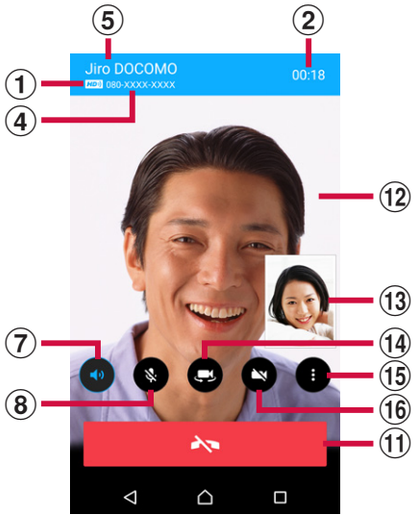
Operations during a call

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

Screen displayed during a voice call

Screen displayed during a video call

While on a video call, you will see the other party's image in a parent window, and your image in a child window, with the operation area hidden. Tap the screen to show the operation area.



① High-quality call
- Displayed during a VoLTE call.
- Displayed during outgoing and incoming video calls and during incoming voice calls.

② Call duration time

③ Photo/image set in the phonebook entry

④ Number of the other party

⑤ Name of the other party

⑥ Dial key : Send a push signal while on a call.

⑦ Audio output : Turn the speakerphone on/off.
- Other party's voice can be heard from the speaker and handsfree call can be made.
- Video calls are made or received with the speakerphone turned on.
- If your terminal is connected to a Bluetooth device or the like, you can tap the icon to switch between audio output devices.

⑧ Mute : Turn the microphone on/off during a call.

⑨ Video call : Switch from a voice call to a video call.
- When you tap this icon, the other party will see a message asking for permission to switch to a video call. If the other party accepts it, you can switch to a video call.
- If the other party has declined to switch to a video call, is outside a Xi service area, or is using a terminal that does not support VoLTE, a message appears indicating that the call cannot be switched. Tap [OK] to continue the voice call.
- "Hold" is displayed during a 3G voice call.

⑩ Option menu (voice call)
- Add call
  [More options]▶Tap [Add call] to add a voice call.
- Hold call
  [More options]▶Tap [Hold call]/[Resume call] to put a voice call on hold or cancel the hold.
- To add a call, "Call waiting" subscription is required (P.84).
- "Add call" is displayed during a 3G voice call.

⑪ End a call

⑫ Parent window for a video call (other party's image)
- is displayed if your terminal cannot receive the other party's image.

⑬ Child window for a video call (your image)
- is displayed if the camera is off.

⑭ Switching between cameras for sending your image
- Tap this icon to switch between cameras for shooting your image.

⑮ Option menu (video call)
- Dialpad
  Open a dialpad while on a video call.
- Change to voice
  ⋮▶Tap [Change to voice] to switch to a voice call.
- Switch videos
  ⋮▶Tap [Switch videos] to switch the display area between the parent window (showing the other party's image) and the child window (showing your image).

⑯ Camera on/off
Select whether to send your image to the other party or hide it.

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

❖Information
- If you switch to a different screen, such as the Home screen, while talking on the phone, making a call, or putting a call on hold, the status bar will change color. Drag the status bar downwards▶Tap the notification to return to the phone application screen.
- Switching to a different screen, such as the Home screen, while on a video call, turns the camera off.

Adjusting the earpiece volume

1 Press the volume key during a call.

Call history

Incoming call and outgoing call are displayed by chronological order in the Recent calls screen. Up to 500 items can be displayed.

Showing call history

1 From the Home screen, ▶Tap "Recent calls" tab.

■ Recent calls screen

① Phonebook
- The phonebook list screen appears.

② All tab
③ Phone number/name
④ Incoming tab
⑤ Outgoing tab
⑥ Voice call button
- Tap this button to make a voice call to the corresponding phone number in the call log.

⑦ Date
⑧ History
- The details of an incoming or outgoing call (Outgoing, Incoming, or Missed call) are displayed.

Adding a number from the Recent calls to Phonebook

1 From the Home screen, ▶Tap "Recent calls" tab▶Tap a phone number▶[Register].
- Alternatively, on the Recent calls screen, touch and hold a phone number▶[Edit number before call]▶[Register].

2 [Add new contact]/[Add to the existing contact].
- When "Add to the existing contact" is selected, select a contact to save to.

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

4 [Save].

Deleting a call history

1 From the Home screen, ▶"Recent calls" tab▶Touch and hold an incoming/outgoing history you want to delete.

2 [Delete from call log]▶[OK].

❖Information

- To delete all the entries in the call log, on the Recent calls screen, tap the "All" tab▶ ⋮ ▶[Delete log]▶Mark "Select all"▶[Delete]▶Tap [Delete].
- Voice and video calls are not distinguished in the call log.

Displaying missed calls

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

1 Drag the status bar downwards.

2 [Missed call].

- If an application selection screen is displayed, select the application you want to use, then tap [JUST ONCE]/[ALWAYS].

❖Information

- When there is a missed call, you can make a call or send message (SMS) to the caller of the missed call from "CALL BACK"/"MESSAGE" below "Missed call" in the Notification panel.
  For multiple missed calls, number of calls appears below "Missed call".
- A missed call notification and the number of missed calls are displayed on the lock screen. Double-tap the notification to see the Recent calls screen.

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. Up to approximately 60 seconds per one can be recorded.

- Answering Machine is not available for video calls.

1 From the Home screen, ▶ ⋮.

2 [Call settings]▶[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 or record a message. To record message, tap [Record new greeting] and follow the onscreen instructions.
Messages	Check recorded messages.

❖Information

- If there is a recorded message, is displayed in the status bar. Drag the status bar downwards▶Tap [Answering Machine] to display the [Messages] screen, where you can check the recorded message.

- To delete recorded message, touch and hold a message▶Tap [Delete]/[Delete All]▶[OK].
- The number of messages that can be stored depends on the amount of available memory on your terminal.

Call settings

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

1 From the Home screen, ▶ .

2 [Call settings].

Network service	Voice mail service*1	Record caller's message when you cannot answer an incoming call.
	Call forwarding service*1	Forward a call when you cannot answer an incoming call.
	Call Waiting*1	Put the current call on hold and answering an incoming call or making a call to another party.
	Caller ID notification	Notify the display of the recipient phone of your phone number.
	Nuisance call blocking service	Register phone numbers of nuisance call to reject.
Network service	Caller ID display request service	Request number notification for calls without phone number with guidance.
	Second call settings*1	Notify you when a call comes in during another call.
	Call notification	Notify incoming calls by message (SMS) 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) setting	While the terminal is OFF or in Airplane mode, a guidance message indicating that the receiver cannot answer the call is heard on the caller's terminal and then the call ends.
Roaming settings		Set to reject incoming calls overseas or use roaming guidance (P.192).
Phone ringtone		Set ringtone (P.160).
Also vibrate for calls		Set whether to vibrate the terminal when receiving a call.
Dialpad tones		Set whether to emit dialpad operation sound.
Answering Machine		P.83

Call Blocking	Set whether to reject incoming calls for numbers not in the phonebook, private, pay phone and unknown.
Reject call with message	Edit/set a message (SMS) to be sent when rejecting an incoming call (P.79).
Sub address settings	Set whether " * " in phone number is identified as a sub address separator.
Prefix settings	Register a prefix number added before phone number when making a call.
Equalizer	Adjust sound quality during a call.
Slow talk	Slow the caller's talking speed to make the call to be heard slowly.
Call mode	Set a network mode.
Contact docomo*2	Make a call to General Inquiries, inquiries for damage, theft or loss overseas or damage overseas.
Phone account settings	Set Internet phone (SIP) account.

*1 Not available for video calls.
*2 Not displayed if a docomo nano UIM card is not inserted.

Phonebook

On 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, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶"Contacts" tab.

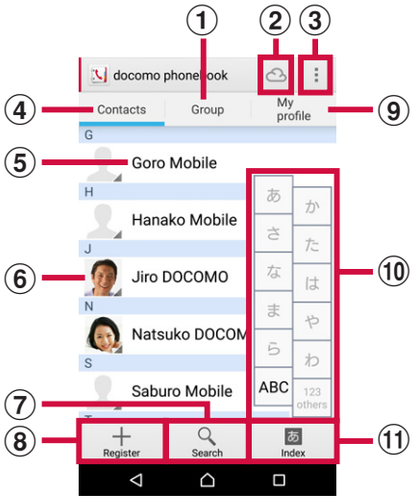
- The phonebook list screen appears.

❖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.
- From the Home screen, ▶Tap [Phonebook] to display the phonebook list.
- Phonebook data can be backed up to/restored from a microSD card using the "docomo backup" application (P.145).
- From the Home screen, ▶Tap [Contacts] to activate Xperia™ phonebook.

Phonebook list screen

On the phonebook list screen, you can view details of your contacts. You can add a photo or image to a phonebook entry, and display phonebook entries by group.



① Group tab
- Display the phonebook group.

② Cloud
- Log in to cloud ("Use of Cloud" screen is displayed) or log out of cloud ("Suspend sync" screen is displayed).

③ Option menu

④ Contacts tab

⑤ Name registered in the phonebook entry

⑥ Photo/image set in the phonebook entry
- Tap a photo/image to make a call/video call or send a message (SMS) or mail.

⑦ Search

⑧ Register

⑨ My profile tab
- Check your own phone number.

⑩ Index character area
- Tap index character to display phonebook entries allocated to the index character.

⑪ Index
- Display the index character to search entries in the order of Japanese syllabary, alphabet, etc.

Managing phonebook

Adding a new phonebook entry

1 From the Home screen, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶Tap "Contacts" tab▶[Register].

2 On the profile edit screen, enter necessary information such as name.
- To add items, tap [Add other items].

3 [Save].

❖Information

- When the language is set to Japanese, if you saved phonebook entries with the "Phonetic name (last/first)" field filled in, the phonebook list screen shows them in Japanese syllabary order or alphabetical order of the "Phonetic name" entries. If you did not fill in the "Phonetic name" field, the entry is displayed in the "他 (Others)" section on the phonebook list screen only when you entered the last and first names in Kanji using Japanese "Kana" characters.

Making a call using the phonebook

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶Tap "Contacts" tab▶Select a phonebook entry you want to make a call to.**

2 **On the Profile screen, tap a phone number.**

3 **[Call]/[Video call].**

Editing a phonebook entry

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶Tap "Contacts" tab▶Select a phonebook entry to edit.**

2 **On the Profile screen, [Edit].**

3 **Select a required item and edit.**

4 **[Save].**

❖Information

- You cannot edit contacts for the Facebook account.

Registering a phonebook entry to Favorites

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶Tap "Contacts" tab▶Select a phonebook entry to add to Favorites.**

2 **On the Profile screen, tap ☆.**

❖Information

- To display phonebook entries added to Favorites, on the phonebook list screen, tap "Group" tab▶[Favorites].

Using optional menu

1 From the Home screen, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶"Contacts" tab▶Tap ⋮ on the contacts list screen/ profile screen.

Phonebook list screen

Delete		Select and delete several/all phonebook entries.
Cloud menu*1		Display cloud menu.
Import/Export		P.89
Settings	International use setting for docomo phonebook	Set for using docomo phonebook overseas.
	docomo ID/Wi-Fi settings	Set for using docomo services via Wi-Fi.
	Contacts display order	Set display order of phonebook entries.
	Accounts to display	Set a phonebook to be displayed in the phonebook list screen.
	i-concier menu*2	Set the phonebook support function for i-concier.
Help		Display Help of docomo phonebook.
About		Display version etc. of docomo phonebook.

*1 Signing in to cloud is required.

*2 Subscription to i-concier is required.

Profile screen

Share	Send a displayed phonebook entry with Bluetooth function, Email, etc.
Delete	Delete a displayed phonebook entry.
Set ringtone	Set a ringtone for displayed phonebook entry.
Join/Separate	Join/separate displayed phonebook entry.

Setting phonebook entries to Group

1 From the Home screen, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶Tap "Group" tab.

2 Tap a group.

3 [Add member]▶Mark phonebook entries to add▶[OK]▶[OK].

❖Information

- To cancel group setting, in Step 3, [Delete member]▶Mark phonebook entries to delete▶[OK]▶[OK].
- When you set Google account etc., display groups by account. You can set/cancel group in the same account.

Creating a new group in the phonebook

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶Tap "Group" tab.**

2 **[Add group].**

3 **On the group adding screen, enter account, group name, icon, color▶[OK].**

- The items vary depending on the account type.

❖Information

- Groups in docomo account can be sorted. To do so, tap [Sort] in Step 2 and follow the onscreen instructions.
- Groups in docomo account can be edited/deleted. To edit/delete a group, touch and hold a group▶[Edit group]/[Delete group].

Checking My profile and editing information

1 **From the Home screen, ▶[docomo phonebook]▶Tap "My profile" tab▶[Edit].**

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

3 **[Save].**

Importing/Exporting phonebook entries

You can export/import phonebook entries from/to a microSD card or docomo nano UIM card. This is useful, for example, when you want to move the contact information to another phone.

- You can also use a synchronization service for synchronizing your phonebook (P.170).
- Insert a microSD card in advance (P.176).

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[docomo phonebook]▶Tap "Contacts" tab▶ ⋮ ▶[Import/Export].**

2 **Select an item.**

- After this step, follow the onscreen instructions.
- When [Share phonebook data] is tapped, select an application to send.

❖Information

- To export phonebook entries to docomo nano UIM card, use "Contacts" app of Xperia™. Note that only the name and the first phone number and email address are saved for each contact because of the limited memory on the docomo nano UIM card. For some phonebook entries, a part of data may not be exported.

docomo mail

Send/receive mails using DOCOMO mail address (@docomo.ne.jp).
Pictograms and Deco-mail can be used, and automatic reception also is supported.
Sent/received mails are stored to the docomo mail server. Mails can be transferred readily in case the terminal is lost or you change the model. Also, with a docomo ID, you can use mail on your PC, tablet, and other devices.
For details of docomo mail, refer to NTT DOCOMO website.

1 From the Home screen, ✉.

- After this step, follow the onscreen instructions.

❖Information

- docomo mail (local mail) data can be backed up in a microSD card using "docomo backup" application (P.145).

Message (SMS)

You can send/receive text message to/from a mobile phone number as a recipient.
For details of available number of characters etc., refer to "Short Message Service (SMS)" on NTT DOCOMO website.

Sending message (SMS)

1 From the Home screen, ⊞▶[Messaging].

- When using this application for the first time, tap [GET STARTED] to proceed to Step 3.

2 (Write new message).

3 Enter the recipient's phone number.

- Tap ⋮▶[Add recipients] to select from registered contacts. Enter in the search box at the top of the screen to display the contact list.

4 [Write message]▶Enter a message.

- Tap ⋮▶[Select message template] to enter by selecting message template (P.92).

- When the number of entered characters comes close to a limit, a number of enterable characters appears on the right of the text box.

5 ➢ **(Send).**

❖**Information**

- You can change default messaging application to Hangouts.
  From the Home screen,
  ⊞▶[Settings]▶[More]▶[Default SMS app]▶[Hangouts].
- You can also send/receive text messages to/from customers of overseas network operators. Refer to NTT DOCOMO website for details on the countries and 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.

Reading message (SMS)

Sent/received message (SMS) is displayed in thread by recipient/sender.

1 **From the Home screen, ⊞▶[Messaging].**

- Senders with unread messages (SMS) are displayed in bold font.

2 **Select a sender whose messages (SMS) you want to read.**

❖**Information**

- When you receive a message (SMS), appears on the status bar. Drag the status bar downwards to read the received message (SMS).
- Touch and hold a message (SMS)▶Tap [Add star] to add a star. To check starred messages (SMS) in a list, from the Home screen, tap ⊞▶[Messaging]▶ ⋮ ▶[Starred messages].

Saving phone number of message (SMS) to phonebook

1 **From the Home screen, ⊞▶[Messaging].**

2 **Tap 👤 of a phone number to save▶[SAVE].**

3 **[Add new contact]/[Add to the existing contact].**

- If you selected "Add to the existing contact", select the contact.

4 **On the profile edit screen, enter necessary information such as name▶[Save].**

❖**Information**

- If the sender is already saved in the phonebook, you can tap 👤 or the photo (image) in Step 2 to make a call or see the phonebook entry.

Deleting a message (SMS)

1 From the Home screen, ⊞▶[Messaging].

2 Tap a sender/recipient whose messages (SMS) to delete.

3 Touch and hold a message (SMS) to delete.

4 [Delete message]▶[DELETE].

❖Information

- To delete several messages (SMS), in Step 3, ⋮▶[Delete messages]▶Mark messages (SMS) you want to delete▶🗑▶[DELETE].

Deleting messages (SMS) by sender/recipient

1 From the Home screen, ⊞▶[Messaging].

2 Touch and hold a sender/recipient you want to delete.

3 🗑▶[DELETE].

❖Information

- To delete messages (SMS) from several senders and recipients, in Step 3, mark senders/recipients to delete▶🗑▶[DELETE].

Changing settings for Messaging (SMS)

1 From the Home screen, ⊞▶[Messaging].

2 ⋮▶[Settings].

Notification tone	Set notification tone for receiving.
Notifications	Set whether to show message (SMS) arrival notification in the status bar.
Notification vibration*	Set whether to notify with vibration when receiving.
Notification light	Set whether to notify with the notification LED for receiving when the backlight is turned off.
Delivery report	Set whether to display a delivery report in your message (SMS) when the recipient receives it. Date/time is switched to "Delivered" by tapping a message (SMS) when Delivery report is ON, or switched to "Sent" when Delivery report is OFF.
Message templates	Register/edit phrase to be inserted when entering message.
Default SMS app	Set a default messaging application.
SIM messages	Manage messages (SMS) saved to a docomo nano UIM card.
Push settings	Set a message (SMS) sent from the provider.
SMS center number	Check SMS center number.

* With silent mode (without vibration) turned on, the terminal does not vibrate when receiving messages (SMS).

Email

You can create a POP3 or IMAP compatible email account provided by general ISP (provider), or an Exchange ActiveSync account to send or receive email.
You can set multiple Email accounts.

Making initial setting for Email

Set an Email account following the onscreen instructions.

1 From the Home screen, ⊞▶[Email].

- If the "Welcome to Email" screen appears, tap [GET STARTED].
- To set a second or subsequent email account, from the Home screen, ⊞▶[Email]▶⋮▶[Settings]▶Tap [Add account].

2 Enter your email address and password.

3 [NEXT].

- To set up an email account manually, tap [Manual setup] and follow the onscreen instructions.

4 Configure necessary settings▶[NEXT].

- If a screen for selecting type of account appears, tap an email account type and follow the onscreen instructions to set.

5 Enter your account name and the name to be displayed in your outgoing emails▶[FINISH SETUP].

- Inbox for set email account appears.

❖Information

- If you need to make the settings manually, contact your email service provider or system administrator for the correct email account settings.
- If you set an Exchange ActiveSync account as an email account, and if server manager sets Remote wipe, the data saved in the terminal may be deleted.

Creating and sending email

1 From the Home screen, ⊞▶[Email].

2 (Compose).

3 Enter the email address of recipient.

- When you enter a name or email address in the email address field, contacts matched to the entered numbers or letters are listed.
- To enter multiple email addresses directly, separate with a comma (,) and then enter the next email address.
- To add Cc or Bcc recipients, ⋮▶Mark "Show Cc"/"Show Bcc".

4 Enter a subject and message.

5 [SEND].

❖Information

- To attach a file, when creating an email, tap ⋮▶[Attach file] and select the file.
- To save an email as draft, when creating an email, tap ⋮▶[Save as draft] or display other screen.
- Email is handled as an email from a PC. Your email cannot be received if rejecting emails from PCs is set on a recipient terminal.

Receiving and reading email

1 From the Home screen, ⊞▶[Email].

- If you have set up more than one email account, tap ☰ at the upper left of the screen▶Tap the email account you want to use for receiving emails.

2 On the Inbox, flick the screen.

3 Tap an email you want to read.

❖Information

- The sender name of a received email is the name set on sender's terminal.
- If you specified "Notification" in the email account settings (P.96) and set "Check frequency" to an option other than "Manual", ✉ appears in the status bar to notify you when you have received a new email. Drag the status bar downwards to read the received email.
- Tap an address of received email to register the address to the phonebook. For addresses already registered, displaying phonebook entries, creating mail, etc. are available.
- You can tap the star icon in the Inbox or the email message window to highlight the star and add the email to the "Starred" folder. To see a list of starred emails, tap ☰ at the upper left of the Inbox screen▶Tap the desired email account▶ ☰ at the upper left of the screen▶Tap [Starred].

Saving attachment file of email

1 **From the Home screen, ⊞▶[Email].**

2 **Tap an email with attached files.**
- When attached file is not loaded, tap [LOAD].

3 **Tap [SAVE] of file you want to save.**
- Attached files will be saved in the "Download" folder on the internal storage.

Replying/Forwarding email

1 **From the Home screen, ⊞▶[Email].**

2 **Tap an email to reply or forward▶ Tap [REPLY]/[REPLY ALL]/ [FORWARD].**
- When you tap [FORWARD], enter an email address to forward to.

3 **Enter a message.**

4 **[SEND].**

❖Information

- To quote original message text, tap [RESPOND INLINE].
- When you forward an email, the attachment file of the original message is attached. To delete attached file, tap ✕.

Deleting email

1 **From the Home screen, ⊞▶[Email].**

2 **Tap an email to delete.**

3 **🗑▶[DELETE].**

❖Information

- To delete more than one email, in Step 2, touch and hold the emails you want to delete▶Mark them▶🗑▶Tap [DELETE].

Changing Email account settings

1 **From the Home screen, ⊞▶[Email].**

2 **⋮▶[Settings].**

3 **Tap an Email account you want to change the settings for.**

Notification		Configure Status bar notification, Notification sound, Vibrate*1, and Notification light settings.
Sync settings	Check frequency	Set how often the Email application checks for new emails.
	Days to sync	Set the interval at which the Email application automatically checks for emails.
	Auto download attachments*2	Set whether to download attached file automatically when connecting via Wi-Fi.
	Pre-download limit	Set whether to download whole email including the message text before the email is opened.
General settings	Account name	Change account name.
	Your name	Change your name (sender name).
	Incoming settings	Specify a username, password, and other settings for the incoming server.
	Outgoing settings	Specify a username, password, and other settings for the outgoing server.
	Signature	Change your signature or specify how to insert it.
	Quick reply	Register phrase that can be inserted when creating an email.
	Security	Select certifications, set digital signature or encryption.
	Delete account	Delete Email account.

*1 With silent mode (without vibration) turned on, the terminal does not vibrate when receiving emails.
*2 Displayed if you have set up an email account that supports IMAP, such as a Gmail account.

❖Information

- The items vary depending on the account type.
- If you set "Check frequency" to an option other than "Manual", and you are using a pay-as-you-go data communication plan, packet communication charges may apply every time you check for new emails.

- The setting items displayed below the account in Step 3 affect the general settings for the "Email" application.

Gmail

You can use the email services provided by Google or by major Internet service providers (ISPs).

- Set up your Google account (P.169) or email account by following the onscreen instructions, if you have not already done so.
- If you do not synchronize Gmail after Google account is set, "Account not synced" screen appears. Follow the onscreen instructions.

❖Information

- For details on Gmail, from the Home screen, tap [Google]▶[Gmail]▶ ☰ at the upper left of the screen▶[Help & feedback] to see Gmail Help.

Sending Gmail

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

2 (Compose).

3 Enter the email address of recipient.

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

4 Enter a subject and message.

5 (Send).

❖Information

- To attach a file, when creating a Gmail message, tap ▶Tap [Attach file] to select the file you want to attach.

Refreshing Gmail

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

2 On the Inbox, flick the screen.

- This refreshes the Inbox.

Early Warning "Area Mail"

It is a service with which you can receive earthquake early warning, etc. delivered by the Meteorological Agency.

- Area Mail is a free service for which subscription is not required.
- Area Mail cannot be received in the following case.
  - During a voice call (except for VoLTE voice calls)
  - Out of service area
  - While power is off
  - During International roaming
  - During Airplane mode
  - When software is being updated
  - When a SIM other than by DOCOMO is inserted
  - While sending/receiving a message (SMS)
- Area Mail may not be received when tethering is set or during packet communications.
- Area Mail that could not be received cannot be received later.

Receiving Early Warning "Area Mail"

A notification content screen appears and you are notified by dedicated buzzer sound or dedicated ringtone and vibration.

- Buzzer sound and ringtone sound volume cannot be changed.
- The notification LED blinks only when backlight is off.

1 **Receive Area Mails automatically.**

2 **A dedicated ring tone sounds and notification LED flashes when an Area Mail is received.**

3 **A message body of Area Mail appears automatically.**

Viewing received Area Mail later

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

- When using for the first time, on the agreement screen of "Using this application", tap [Agree].

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

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

❖Information

- Up to 50 messages can be saved. If savable amount of Area Mail exceeds the limit of maximum, the oldest one is deleted in order.

Deleting Area Mail

1 From the Home screen, ⊞▶[Disaster kit].

2 [Early Warning "Area Mail"].

3 Mark Area Mail you want to delete▶[Delete]▶[OK].

Setting Early Warning "Area Mail"

1 From the Home screen, ⊞▶[Disaster kit].

2 [Early Warning "Area Mail"].

3 ⋮▶[Settings].

Receive setting	Set whether to receive Area Mail.
Beep tone	Set sounding time for Area Mail reception and whether to sound a dedicated ringtone even in silent mode.
Check screen image and beep tone	Check the ringtone and screen for reception of earthquake early warning, tsunami warning or disaster/ evacuation information.

❖Information

- To set Emergency mode, from the Home screen, ⊞▶[Disaster Kit]▶Tap SAVE (P.41).

Browser

Use "Browser" application to view web pages like on a PC.
"Browser" application can be used via packet communication or Wi-Fi network with the terminal.

Displaying web pages

1 From the Home screen, 🌐.

2 Tap the web page address entry field on the top of the screen.

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

3 Enter a web page address or keyword to search.

- Tap 🎤 for address entry field to enter search words in voice sound.
- As you enter an address or characters, retrieved web pages list appears.

4 **Select a candidate or [実行 (Go)] on the software keyboard.**

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

❖**Information**

- To copy text on web page, touch and hold a text you want to copy▶Drag or to select a range of text to copy▶Tap (Copy).

Adding a new tab

Open multiple tabs and view web pages.

1 **From the Home screen, ▶ ▶ ＋.**

Changing tabs

1 **From the Home screen, ▶ ▶Tap a tab you want to display.**

Closing a tab

1 **From the Home screen, ▶ ▶Tap ✕ of the tab you want to close.**

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

Searching text for web page

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

2 **Enter a search word.**

- Tap ∧ / ∨ to move to next/previous matched item.

❖**Information**

- Tap ← to close the search bar.

Changing the Browser settings

Set homepage, privacy and security, etc.

1 **From the Home screen, ▶ ⋮ ▶[Settings].**

2 **Select an item to change.**

Operating links

Touch and hold a link or image in web page to copy URL or save 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 web page

1 **From the Home screen, 🌐▶Display a web page**

2 **⋮▶[Save to bookmarks].**

3 **Set a label etc.▶[OK].**

Opening a bookmark

1 **From the Home screen, 🌐▶ ⋮ ▶[Bookmarks].**

2 **Tap the bookmark you want to open.**

❖Information

- Touch and hold a bookmark to edit or delete it.

Checking history

1 **From the Home screen, 🌐▶ ⋮ ▶[Bookmarks]▶Tap "HISTORY" tab.**

2 **Tap the date of visit, such as [Today] or [Yesterday], or [Most visited]▶Tap the desired history entry.**

❖Information

- Alternatively, on the web page screen, touch and hold ◁ to check your history.
- To delete history, touch and hold a history▶Tap [Remove from history].
- To delete all histories, from the Home screen, 🌐▶ ⋮ ▶[Settings]▶[Privacy & security]▶[Clear history]▶[OK].

dmenu

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

1 From the Home screen, [dmenu].

- If an application selection screen is displayed, select the application you want to use, then tap [Always]/[Just once].
- Browser is activated, "dmenu" appears.

❖Information

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

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].

- When using for the first time, confirm Application privacy policy and Software License Agreement, mark the agreement checkbox▶Tap [START]. Configure settings by following the instructions on the resulting screen asking if you want to receive notifications and other information.

❖Information

- For details on dmarket, refer to NTT DOCOMO website.

Play Store

With Google Play, you can directly access useful applications or fun games and you can download and install them on the terminal.

- To use Google Play, you need to set a Google account (P.169).

- For details on how to purchase applications, return your purchases, request a refund, from the Home screen, [Play Store]▶Flick right from the left edge of the screen▶Tap [Help & Feedback] to see Google Play Help.

Installing an application

1 From the Home screen, [Play Store].

2 Search applications▶Tap an application you want to install.

- Check the displayed contents carefully and follow the onscreen instructions.
- 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.

❖Information

- 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 malfunctions, if any, caused by the application you installed. In such case, the repair is charged even during the warranty period.
- NTT DOCOMO is not liable for any disadvantage brought to you or any third party due to an application you installed.
- Some applications automatically perform packet communications. Packet communication is kept active unless you disconnect it or the time-out error occurs. To cut off packet communication manually, from the Home screen, ⊞▶[Settings]▶[More]▶[Mobile networks]▶Tap in "Mobile data traffic" or drag it left▶Tap [OK].
- Some applications may be updated automatically.

Deleting an application

1 From the Home screen, [Play Store].

2 Flick right from the left edge of the screen▶[My apps].

3 Tap the applications you want to delete▶[UNINSTALL]▶[OK].

- When you uninstall charged applications, a screen for refund may appear. For details, from the Home screen, [Play Store]▶Flick right from the left edge of the screen▶Tap [Help & Feedback] to 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 coupon, etc. or "かざしてリンク対応サービス (Kazashite-Link compatible service)" by which you can access information by holding the terminal over a home electric appliances or smart poster.
You can save electronic money and points to an IC card and a docomo nano UIM card.
Also, you can check deposit or balance of electronic money, check point value, and take measures against theft or loss by locking Osaifu-Keitai.
For details on Osaifu-Keitai, see NTT DOCOMO website.

- Make settings from the dedicated website or application to use Osaifu-Keitai compatible services.
- The data in the IC card*1 or the docomo nano UIM card*2 may be lost or altered because of the malfunction of the terminal (when we repair your terminal etc., as we cannot repair it with data remained, you are required to erase the data yourself). For support such as reissuance, restoration, temporary preservation or transfer of data, contact Osaifu-Keitai compatible service providers. For important data, be sure to use a service with backup service.
- To use Osaifu-Keitai compatible services that utilize data on the docomo nano UIM card, you need to install and configure the appropriate application provided by the Osaifu-Keitai compatible service provider. This applies even if you plan to change the model of your terminal and continue using your current docomo nano UIM card.
- If the data in the IC card or the docomo nano UIM card is lost, altered or damaged by any means related to Osaifu-Keitai compatible service such as malfunction or model change, DOCOMO assumes no responsibility for the loss of data.
- If the terminal is stolen or misplaced, immediately contact Osaifu-Keitai compatible service provider for an advice.

*1 Data saved in the IC card installed in the Osaifu-Keitai compatible terminal
*2 Data stored on a docomo nano UIM card

Using "Osaifu-Keitai compatible service"

1 From the Home screen, ⊞▶[Osaifu-Keitai].

- When using for the first time, on the initial setup screen, mark "Agree to the Osaifu-Keitai Usage Regulations"▶[OK].

2 Select a service you want to use from a service list.

- Download an application compatible with service site or service.

3 Hold ⟲ mark over the IC card reader.

❖Information

- You can scan and write data to or from 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 or the battery is too low.
- Some Osaifu-Keitai compatible services are not available in Emergency mode (P.41).
- Depending on your installed Osaifu-Keitai compatible application or its settings, your terminal may not respond when you hover it over an IC card reader, if the screen is locked or if the backlight or terminal is off.
- You can use Osaifu-Keitai compatible service even when the PIN code for docomo nano UIM card cannot be unlocked or PIN locked.
- Note that when you do not subscribe sp-mode, some functions of Osaifu-Keitai compatible service may not be available.

Using " かざしてリンク対応サービス (Kazashite-Link compatible service)"

1 From the Home screen, ⊞▶[Settings]▶[More].

2 [NFC/Osaifu-Keitai settings]▶Tap ◯ of "Reader/Writer, P2P" or drag it right▶[OK].

- NFC Reader/Writer, P2P function is enabled, and Ⓝ appears in the status bar.

3 Hold the ⟲ mark over a device with the NFC module or a smart poster.

Notes on holding over the device

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

- Bring the mark close to the device slowly, do not hit it strongly.
- Hold the mark over the device at the center horizontally. If scanning fails even with it held in front of the center of the scanner, slightly lift up the terminal, or move it backwards/forwards or to the left/right.
- If there are metal objects 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.

Locking Osaifu-Keitai function

Use "NFC/Osaifu-Keitai lock" settings to restrict the use of Osaifu-Keitai function and related services.

- NFC/Osaifu-Keitai lock is different from screen lock for the terminal, SIM card lock.

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

2 [NFC/Osaifu-Keitai settings]▶[NFC/Osaifu-Keitai lock].

3 Enter a password▶[NEXT].

- When using "NFC/Osaifu-Keitai lock" for the first time, enter a password to set.
- Osaifu-Keitai function is locked, and or is displayed in the status bar.

❖Information

- Note that you cannot cancel "NFC/Osaifu-Keitai lock", if the battery runs out while "NFC/Osaifu-Keitai lock" is set. Be careful about remaining battery level. If you cancel "NFC/Osaifu-Keitai lock", charge the terminal before canceling.
- You need to unlock to use Osaifu-Keitai menu while "NFC/Osaifu-Keitai lock" is set.
- "NFC/Osaifu-Keitai lock" password is not be deleted even if you reset the terminal.
- When unlocking "NFC/Osaifu-Keitai lock", insert the same docomo nano UIM card as the one inserted when "NFC/Osaifu-Keitai lock" was set, then unlock.

■ NFC

NFC is an abbreviation for Near Field Communication and a short range wireless communication method of international standard defined by ISO (International Organization for Standardization). You can use a contactless IC card function, Reader/Writer function, P2P function, and others.

Tap & pay

You can set whether to enable or disable Osaifu-Keitai compatible services or other services that you can use by hovering your terminal over an IC card reader.

- For details on the Tap & Pay feature, on the Home screen, tap ⊞▶[Osaifu-Keitai]▶[My Services]/[Recommend]/[Balance]▶⋮▶[Change setting of credit card etc]▶⋮▶[Help] to see the Help information for the Tap & Pay feature.

1 From the Home screen, ⊞▶[Osaifu-Keitai].

2 [My Services]/[Recommend]/[Balance]▶⋮▶[Change setting of credit card etc]

3 Tap the service you want to enable or disable, and then follow the onscreen instructions.

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 hover the terminal over an IC card reader at various shops to make your shopping easier and more comfortable. You can register the information of up to two cards, and use either one depending on the privilege.

- To use iD with your Osaifu-Keitai, you need to configure settings using 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. http://id-credit.com/ (In Japanese only)

ToruCa

ToruCa application allows you to save coupons offered by your favorite shops and other useful information (ToruCa) to your terminal. You can obtain ToruCa in various ways—via email, download from the Web, Bluetooth, or IC tags. You can easily update your ToruCa.
For details of ToruCa, refer to NTT DOCOMO website.

❖Information

- For obtaining, displaying or updating ToruCa, a packet communication charge may be applied.
- To obtain ToruCa via Bluetooth, you must turn on the Bluetooth feature of the ToruCa application.
- To obtain Toruca from an IC tag, you must set "Reader/Writer, P2P" to ON on your terminal (P.182).
- Depending on the settings of content provider, the following functions may not be available.
  - Updating/sharing ToruCa/displaying map/obtaining from the IC card reader
- You may not be able to obtain ToruCa with an IC card reader, if you do not make initial setting for Osaifu-Keitai.

Mobacas

Mobacas is a broadcasting service for smartphones. Mobacas offers two viewing styles: real-time broadcasting, which allows you to watch programs in real time, and storage-based broadcasting, which allows you to enjoy not only movies and dramas but also music, magazines, applications, and other content anytime and anywhere. Also, you can enjoy new broadcasting services including social service linking services using the communication function of the terminal.
For details on the Mobacas service "NOTTV", refer to NOTTV's website.

NOTTV http://www.nottv.jp/ (in Japanese only)

❖Information

- "NOTTV" is the generic name for the Mobacas services provided by mmbi, Inc. and other Mobacas broadcast stations.
- It offers three services: "Real Time", where you can enjoy real-time broadcasts, and "Shift Time" and "NOTTV Books", which take advantage of storage-based broadcasting.

Using Mobacas

- Mobacas requires a separate pay-TV subscription to a Mobacas broadcast station.
- You cannot receive and watch broadcasts without attaching the docomo nano UIM card to the terminal.
- Mobacas is a broadcasting service provided in Japan.
- To use storage-based broadcasting services or record videos, you must have enough memory on your terminal or microSD card. Using a Class 4 or higher microSD card is recommended (Storage can be selected).

Broadcast wave and service area

Radio waves received via Mobacas differ from those received via Xi/FOMA service and Full seg/1Seg. For this reason, the signal cannot be received at places where the Mobacas broadcast does not reach or while broadcasting is out of service, regardless of whether the terminal is outside or inside the Xi/FOMA service area.
Also, in the following places, the signal status may become weak or the signal may not be received even if the terminal is inside the area of Mobacas broadcasting service.

- Places that are far from the base station that sends signal
- Mountain-ringed regions or a place between buildings where airwaves are interrupted by geography or buildings
- Tunnel, underground or far back from a building where airwaves are weak or do not reach

Changing direction of the TV/Mobacas antenna cable or moving to other location may improve signal reception.

TV/Mobacas antenna cable

To watch Mobacas with the terminal, use supplied TV/Mobacas antenna cable SO02.

1 Connect connector plug of TV/ Mobacas antenna cable SO02 to the headset jack of the terminal.

❖Information

- To output voice sound from commercially available earphone or headphone, connect the earphone or headphone to TV/Mobacas antenna cable SO02.

Watching Mobacas

Real Time

1 From the Home screen, [NOTTV].

- NOTTV's home screen appears.
- When using this service for the first time, register your profile.

2 Tap a thumbnail of program/content.

❖Information

- When watching Real Time program, you can select channels by flicking the screen left or right.
- If the "Auto-rotate screen" option is enabled, you can rotate your terminal to landscape orientation to switch to full-screen viewing. Tapping or at the top of the screen locks/unlocks the orientation (landscape).
  * Viewing structure of content differs depending on program/content.
- Tap the image in the program/content to display control icons.
- Tap ↕ to show/hide the data broadcasting/timeline.
- Tap the SNS icon to display a timeline related to the program/content.
- Tap the screen during a broadcast to display [録画 (Record)] or [詳細情報 (Deteil information)]. Tap [詳細情報 (Detail information)] to display the program details.
- While watching, press the volume key to adjust sound volume.
- To configure subtitle or audio settings, from the Home screen, tap [NOTTV]▶[メニュー (Menu)]▶[設定 (Settings)]▶[音声切替 (Switch sounds)]/[字幕表示切替 (Switch subtitles)].
- You can output Mobacas Real Time programs (viewing and recording) or other programs recorded on your microSD card or internal storage to TV via an MHL connection. Note that this feature is available only in full-screen mode (landscape view).

Shift Time/NOTTV Books

1 From the Home screen, [NOTTV].

- NOTTV's home screen appears.

2 [シフトタイム (Shift Time)]/[NOTTVブックス (NOTTV Books)].

3 Tap the thumbnail of a content item on the screen.

❖Information

- You need the "NOTTVブックス (NOTTV Books)" application to access the content on the "NOTTVブックス (NOTTV Books)" site.
- Each content item is only available for a limited period. Also, different content items have different expiration periods. Expired content will be deleted automatically from your internal storage or microSD card.
- You can output content items of Mobacas Shift Time/NOTTVブックス (NOTTV Books) to TV via an MHL connection. Note that this feature is available only in full-screen mode (landscape view).

Searching for a program/content

Searching from program table (Real Time)

1 From the Home screen, [NOTTV].

2 [番組表 (Program guide)].

- Tap a current broadcasting program to switch to a watching screen of selected program.

Searching by conditions

1 From the Home screen, [NOTTV].

2 [メニュー (Menu)].

3 Run a search by entering a keyword, or tap a genre or channel in the "番組・コンテンツ一覧 (TV program/contents list)".

❖Information

- You can save your entered keyword after searching (keyword reservation). Once you have saved the keyword, NOTTV will automatically make viewing/recording/reception reservations for programs/content related to that keyword.

Reserving a program/content

Reserving watching/recording Real Time programs

1 From the Home screen, [NOTTV].

2 [番組表 (Program table)]▶Tap a program you want to reserve.

3 [視聴予約する (Reserve watching)]/[録画予約する (Reserve recording)]▶[1回のみ予約する (Reserve only once)]/[シリーズ予約する (Reserve in series)].

- When a message appears, follow the onscreen instructions.
- You can manually record currently broadcasting program.

❖Information

- Programs may not be received/recorded in the following cases : when the power is off while a program is broadcasted, when the battery is low, when the terminal is in a poor reception area such as out of the Mobacas service area etc., microSD card is not inserted, available memory space in the microSD card/internal storage is low.
- Programs recorded on your microSD card or internal storage can be watched only on your terminal and docomo nano UIM card.
- Some programs may not be recorded.
- "シリーズ予約 (Series reservation)" may not be available on some channels. In that case, use "キーワード予約 (Keyword reservation)" (P.111) instead.

Reserving Shift Time/NOTTV Books reception

1 From the Home screen, [NOTTV].

2 [シフトタイム (Shift Time)]/[NOTTV ブックス (NOTTV Books)]▶[予定表 (Schedule list)].

3 Tap a program/content you want to reserve.

4 [予約する (Reserve)]▶[1回のみ予約する (Reserve only once)]/[シリーズ予約する (Reserve in series)].

- When a message appears, follow the onscreen instructions.

❖Information

- Your terminal may fail to receive the content if the power is off when the content is broadcasted; if the battery is low; if the terminal is in a poor reception area, such as outside the Mobacas service area; if a microSD card is not inserted; if the available memory on your microSD card or internal storage is low.
- The content saved temporarily on your microSD card or internal storage can be watched/used only on your terminal.
- Expired content will be deleted automatically from your microSD card or internal storage. You can also delete your content manually before the expiration date.
- NOTTV automatically reserves Shift Time/NOTTV Books content recommended for you (自動予約 (Automatic reservation)).
- You can disable the automatic reservation.
- Data may be complemented automatically using packet communication when contents are not completely received because of the reception status of broadcast wave etc. (自動補完 (Auto complement)).
- You can disable the auto complement.

Setting Mobacas

You can set for view, audio, content reception, etc.

1 From the Home screen, [NOTTV].

2 [メニュー (Menu)]▶[設定 (Settings)].

音声・字幕 (Audio/subtitle)	音声切替 (Switch sounds)	Switch between main audio sound and sub audio sound.
	字幕表示切替 (Switch subtitles)	Set display subtitles.
	バックグラウンド再生 (Background play)	Set whether to continue playing Mobacas in background.
コンテンツ受信 (Content reception)	自動予約 (Auto reservation)	Set whether to automatically reserve recommended content.
	自動補完 (Auto complement)	Set whether to automatically complement data which are not completely received.

番組表 (Program table)	番組表情報自動取得 (Auto acquisition of program table)	Set time for automatically acquiring programs table.
ステータスバー (Status bar)	新着情報表示 (New arrival display)	Set whether to have the status bar display information for new arrivals related to the programs and content reserved for recording/reception.
	おすすめ表示 (Recommendation display)	Set whether to have the status bar display recommendations from the broadcast station.
	おすすめ設定 (Recommendation settings)	Change the gender, age, and favorite genre settings used to display recommendations.
ペアレンタルコントロール (Parental control)	視聴年齢制限 (Age restriction for watching)	Set whether to block age restricted programs.
	年齢設定 (Age setting)	Set age to restrict.
	パスワード変更 (Change password)	Change password.
ソーシャル (Social)	Twitter連携解除 (Cancel Twitter link)	Set whether to link to Twitter.

詳細設定 (Advanced)	視聴可能チャンネル優先表示 (Preferential display of channels available for viewing)	Set whether to give priority to displaying your subscribed channels in "Real Time" (broadcasting) or the program guide.
	ラストカテゴリ設定 (Last category setting)	Set whether to have the application's home screen start with your last-viewed category page.

詳細設定 (Advanced)	チューナ起動 (Start tuner)	Set whether to automatically display the program guide in real time, for example, when activating the application.
	表示形式変更 (Change display format)	Change the format in which programs and content are displayed.
	重複録画防止 (Prevent duplicative recording)	Set whether to prevent from recording the same contents for schedule by series/ keyword.
	重複録画削除サポート (Support deleting duplicative recording)	Check if the same program is recorded when deleting from the list of recorded programs.
	ロック画面通知 (Notification for screen lock)	Set whether to notify when recording starts.
	ストレージ選択 (Select storage)	Set where your recorded programs and received content will be saved.
	ログ送信 (Send log)	Set whether to automatically send logs of using application to the server.
	文字スーパー (Telop)	Set whether to display closed captions.

TV

TV is an application with which you can switch between Full seg and 1Seg and watch according to the air wave reception condition. In addition, since the data broadcasting can be received with images and sounds, interactive service using communication function of mobile devices and receiving detailed information are available.
With Full seg, you can watch a terrestrial digital TV broadcasting service in high-vision quality.
With 1Seg, you can watch a terrestrial digital TV broadcasting service for mobile devices.
For details on "Full seg/1Seg" service, see the following website.
The Association for Promotion of Digital Broadcasting
http://www.dpa.or.jp/english/

Using Full seg/1Seg

Full seg and 1Seg are services provided by TV broadcasting enterprises (stations), etc. A communication fee for receiving video picture and sound is not required. Contact NHK for details on your NHK viewing fees.

There are 2 types of information displayed in the data broadcasting area: "Data broadcasting" and "Data broadcasting site". "Data broadcasting" is displayed using airwave along with images and sounds; while "Data broadcasting site" is displayed by connecting to a site provided by TV broadcasting enterprises (stations), etc., using information of data broadcasting.
For viewing "Data broadcasting site", etc., packet communication fees are charged. Some sites require information fees.

Airwaves

Full seg and 1Seg are broadcast services and a different type of radio waves (airwaves) from that of FOMA service is received. Therefore, regardless of whether you are in or out of Xi service or FOMA service area, it cannot be received where airwaves do not reach or during broadcasting interruptions. Also, even in a terrestrial digital TV broadcasting service area, reception condition may be poor or reception may be unavailable in the following places:

- A place far from the tower that the airwaves are sent from
- Mountain-ringed regions or a place between buildings where airwaves are interrupted by geography or buildings
- Tunnel, underground or far back from a building where airwaves are weak or do not reach

Changing direction of the TV/Mobacas antenna cable or moving to other location may improve signal reception.

TV/Mobacas antenna cable

To watch TV with the terminal, use the supplied TV/Mobacas antenna cable SO02.

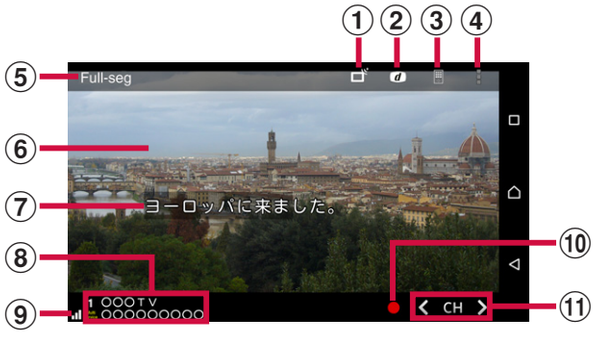
- TV/Mobacas antenna cable (P.109)

Watching TV

1 From the Home screen, ⊞▶[TV].

- When using for the first time, make channel settings according to the onscreen instructions (P.117).

TV watching screen



TV watching screen (Full seg, Full screen)

TV watching screen
(Full seg, with Data broadcasting)

① Full seg/1Seg switching icon
② Data broadcasting icon
③ Remote control button
④ Option menu
⑤ Broadcasting service in watching (Full seg/1Seg)
⑥ Image
⑦ Subtitle
⑧ Channel, broadcasting station and program information
⑨ Reception signal level
⑩ Record icon
⑪ Channel selection key
- Touch and hold < / > to search available channels.

⑫ Data broadcasting
- For 1Seg programs, data broadcasting can be viewed only in the portrait screen.

⑬ Data broadcasting remote control

❖Information

- To show/hide icon such as option menu, on the TV watching screen, tap an image.
- While watching TV, press the volume key to adjust the sound volume.
- You can watch TV in the portrait screen or landscape screen (P.39).
- To switch channels for watching, operate any of the following.
  - Tap the channel selection key.
  - Flick an image on the TV watching screen left or right.
  - Touch and hold an image on the TV watching screen▶Select a channel from the displayed channel list.
- It may take a time to acquire image data or broadcasted data when you activate TV or change channels due to characteristic of digital broadcasting.
- According to the airwave condition, image or sound may be interrupted or stopped.
- If the terminal receives a call while watching TV, TV is interrupted and resumes after the call ends.
- To watch data broadcasting, call charge or packet communication charge is not required. If you use additional services of data broadcasting, etc. via packet communication, packet communication charge is applied.

Exiting TV

1 On the TV watching screen, ◁.

❖Information

- You cannot exit TV even if you tap ⌂ to return to the Home screen. If TV remains activated, the battery may be consumed quickly.

Setting TV

You can set TV watching screen, data broadcasting and channel settings.

Using optional menu

Reserve recording/viewing TV program or make each setting.

1 From the Home screen, ⊞▶[TV].

2 ⋮.

Program	Program guide	Display a program guide (P.120).
	Program detail info	Display detailed information of the program currently watched.
	Program information	Display program information of the channel currently watched.
Recorded program list		Display recorded program list (P.119).
Reserve Recording/ Viewing		Reserve recording or watching programs or display failed reservation list (P.119).
TV link		Display TV link list screen (P.118).
Change area		Register or change broadcasting area (P.117).
Subtitle/Sound/Video setting		Enable/disable subtitle display and set subtitle position* and main/sub sound.
Settings	Superimpose setting	Set whether to display superimpose for Full seg or select a superimpose language.
	Data Broadcasting settings	Set whether to use the location information or the terminal information, clear the broadcasting station memory, or postal code.
	Auto Exit Timer	Make a timer setting to end TV watching.
	Device ID of receiver	Display device ID of receiver.
	Notes	Display information before use.
	Software License	Display the software license.

* Subtitle position can be set only in 1Seg landscape screen.

Saving channels in the current location

Available channels vary depending on the area (broadcasting service area) you are using in.

1 From the Home screen, ⊞▶[TV].

2 ⋮▶[Change area].

3 Touch and hold an unregistered item.

4 [Area info setting]▶Select region, prefecture and locality.

5 **[OK].**

❖**Information**

- By touching and holding the area registered in Step 3, you can display details, set area information, refresh channels, rename area, and deleting settings.

Changing numbers for TV remote

Change TV remote number assigned to each broadcasting station. Each broadcasting station can be called up via the corresponding TV remote number.

1 **From the Home screen, ⊞▶[TV].**

2 **Touch and hold an image.**

3 **Tap a broadcasting station to change the remote control number▶Touch and hold an image.**

4 **Touch and hold a number of remote control you want to set to.**

5 **[YES].**

- If you select a number of remote control which is already assigned to another broadcasting station, [Overwrite registered channel]▶Tap [YES].

❖**Information**

- To delete set broadcasting stations, touch and hold a broadcasting station to delete in Step 3▶[Delete channel]▶Tap [YES].

Using TV link

For some data broadcasting programs, link information to related websites (TV link) is displayed. Save TV links to connect to related websites later.

- Method of registering TV link varies by programs.

1 **From the Home screen, ⊞▶[TV].**

2 **⋮▶[TV link].**

3 **Select a TV link.**

- When selecting a link content or HTML content, tap [Yes].

❖**Information**

- Some TV links have period of validity. Out of date TV links are no longer available.
- To delete TV link, in Step 3, touch and hold a TV link you want to delete▶Tap [Delete]▶[YES].

Recording TV

Record images, sound, captions or data broadcasting while displaying.

- Data broadcasts can be recorded only in 1Seg mode.

1 **From the Home screen, ⊞▶[TV].**

2 **●.**

- To quit recording, tap ■.

❖Information

- In Full seg mode, the maximum file size of a single recording file that can be saved is 128GB, and the maximum continuous recording time is about 1,280 minutes (on a microSD card (128GB)).
  In 1Seg mode, the maximum size of a single recording file that can be saved is 2GB, and the maximum continuous recording time is about 640 minutes.
  You can save up to 99 1Seg and Full seg recordings.
- Recorded data is saved on a microSD card. Recording is not available if a microSD card is not attached.
- When you use the microSD card from another application while recording, recording may fail.

Playing a recorded program

1 **From the Home screen, ⊞▶[TV].**

2 **⋮▶[Recorded program list].**

3 **Tap a program you want to play.**

❖Information

- To delete a recorded program, touch and hold the program you want to delete in Step 3▶🗑▶Tap [YES].
- To change the title of a program, touch and hold the program you want to rename in Step 3▶✎▶Enter a title▶Tap [OK].
- Tap ⋮ in Step 3 to set the playback mode and see the amount of available memory.

Reserving recording/viewing TV program

Reserve recording/viewing TV program.

1 **From the Home screen, ⊞▶[TV].**

2 **⋮▶[Reserve Recording/ Viewing]▶⋮.**

3 **[New reservation].**

4 **[Viewing reservation]/[Recording reservation].**

5 **Set a title, TV station, start time, end time, etc.▶[Save]▶[YES].**

❖Information

- Alternatively, tap [From Program guide] in Step 4, you can reserve recording/watching.

Using program guide

1 **From the Home screen, ⊞▶[TV].**

2 **⋮▶[Program]▶[Program guide].**
- After this step, follow the onscreen instructions.

FM radio

You can listen to the FM radio with the terminal. To use FM radio, use a commercially available earphone set or headphone. They work as antenna.

Listening to the FM radio

1 **Connect a plug of a commercially available earphone set or headphone to the headset jack of the terminal.**

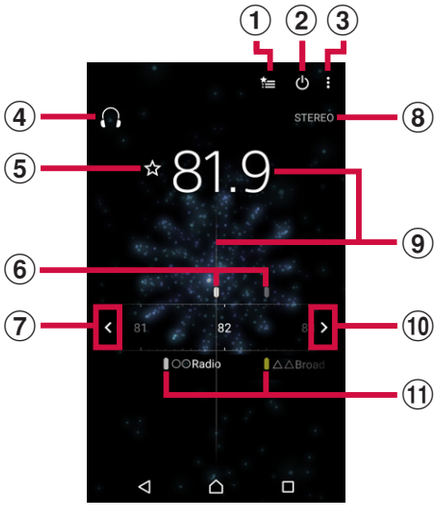
2 **From the Home screen, ⊞▶[FM radio].**

3 **Tap ⟨ / ⟩ to select channel.**
- You can select channel by flicking the screen left and right.

❖Information

- You can return to the Home screen and perform other operations while listening to the FM radio in the background. To return to the FM radio screen, from the Home screen, ⊞▶[FM radio], or drag the status bar downwards▶[FM radio].
- If you cannot receive Japanese FM radio programs because the docomo nano UIM card is not inserted etc., from the Home screen, tap ⊞▶[FM radio]▶⋮▶[Set radio region]▶[Japan]. Before using FM radio, check your area.

FM radio screen



① Show Favorites
② On/Off of FM radio
③ Option menu
④ Hear from a handsfree device/speaker
⑤ Save/edit Favorites
⑥ Channel point displayed in a good radio wave condition
⑦ Search channels to the left
⑧ Monaural/stereo effect
⑨ Broadcasting station now listening
⑩ Search channels to the right
⑪ Channel assigned to favorite

Existing FM radio

1 On the FM radio screen, ⏻.

Camera

Take still pictures and record video clips. Shooting is available in the portrait and landscape screen. For shooting with Sweep Panorama, always hold the camera horizontally.

Before using the camera

- All still pictures or videos that you capture on the terminal are stored into the internal storage or a microSD card. When saving to a microSD card, attach a microSD card before using the camera.
- 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

You can activate the camera with the camera key (📷) (Quick launch).

- Using Quick launch (P.132)

1 Press and hold 📷 for over a second.

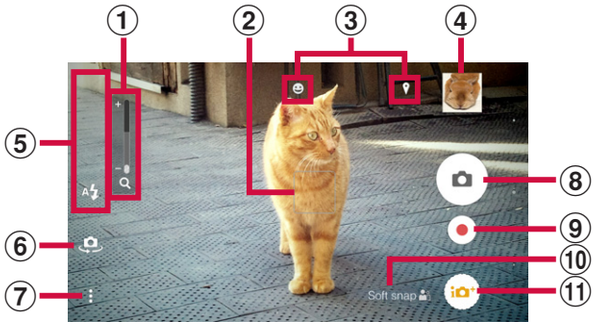
- A shooting screen appears.

❖Information

- Alternatively, from the Home screen, ▶[Camera] to activate the camera.
- If a microSD card is installed, you can specify the card as the location where your terminal saves photos and videos you take (P.130).
- The camera turns off if you do not touch the shooting screen for about 3 minutes (or about 30 seconds if you have turned on the camera in "Quick launch" mode).

Shooting screen and key operation

Shooting screen



① Zooming indicator
- Within the light gray indicator area (lower half), you can shoot keeping the clearness with less degradation of images (Intelligent clear zoom). In the later of the area (upper half), it functions as digital zooming.

② Auto focus frame

③ Display area for status icons
- This area displays icons for your specified options, such as Smile Shutter and Geotagging.

④ Thumbnail
- Tap this to view the playback screen for the photos or videos you took (P.134).

⑤ Display area of icons showing selected settings

⑥ Switching to the front camera icon

⑦ Option menu

⑧ Shutter icon (for still pictures)/Pause icon (for videos)

⑨ Start/stop recording icon (video)

⑩ Scene selection icons
- When the capturing mode is set to "Superior auto", an icon for scene detected by the camera is displayed.
- An icon is displayed when your terminal detects that the camera is moving or staying still or that your subject is moving.

⑪ Capturing mode icon (P.123)

Key operation

Volume key : Zoom/volume/shutter*

[📷] : Shutter

[◁] : End Camera

* It varies by settings in Use Volume key as (P.130). "Zoom" is set by default.

❖Information

- Alternatively, on the shooting screen, pinch out/in to zoom in/out.
- Zooming is not available if the capturing mode is set to "AR effect", "Sweep Panorama", or some other option, or if the front camera is being used for shooting.

Changing capturing mode

1 Press and hold [ ] for over a second.

2 Tap the capturing mode icon▶Select capturing mode.

Superior auto
Shoot still pictures or videos with automatically optimized settings.
Your terminal detects that the camera is moving ( ) or staying still ( ) or that your subject is moving ( ), recognizes the scene, and automatically configures optimal settings before shooting.

Manual
Change settings for shooting still pictures or videos manually.

Style portrait
Enjoy taking photos and videos of yourself while checking various shooting effects.

AR mask
Paste your face image onto your friend's to produce funny photos and videos.

Face in picture
Shoot still pictures or videos together with your face using the main and front cameras.

Sound Photo
Record natural conversation and sounds while shooting still pictures.

AR fun
Shoot still pictures or videos together with virtual objects to make your shooting experience more fun.

Multi camera
Connect your camera with a friend's to shoot multi-view still pictures or videos.

4K video
Shoot high-resolution 4K videos.

Timeshift video
Select best movement part from a video shot in 120 fps to make it slow-motion.

AR effect
Shoot still pictures or videos in the virtual world such as age of the dinosaurs, under the sea, etc.

Creative effect
Shoot impressive still pictures or videos with various shooting effects.

Sweep Panorama
Shoot panorama pictures by moving the terminal.
Aligning the arrow mark with the center line of white frame displayed on the shooting screen, slowly move the camera to shoot.

Evernote
Shoot multiple still pictures and directly save them to Evernote account.

❖Information

- Press and hold [📷] for over a second▶Tap the capturing mode icon▶Tap the [+Apps]/[DOWNLOADABLE] tab to download the camera application and add it to the capturing mode. Applications downloaded via "AR fun", "AR effect", "Evernote", and "+Apps" will be saved on your internal storage.
- Some applications may not be able to play back sound from images taken using the "Sound Photo" feature.
- Be aware that using “Multi camera” to connect to other devices will result in the other Wi-Fi Direct connections being disconnected.
- You can connect up to three Xperia™ terminals including yours with “Multi camera”. Also, if you are connecting to a Wi-Fi/NFC-capable camera from Sony, you can only connect to that camera and your Xperia™. Connecting another device or shooting after the connection may not be available depending on condition.
- If you want to save "4K video" or "Timeshift video" data to a microSD card, it is recommended to use a microSD card (Speed Class 10) that supports high-speed writing.
- For details on the features of the camera, refer to the following website.
  http://www.sonymobile.co.jp/myxperia/howtoxperia/camera/ (in Japanese only)

Note on Sweep Panorama

- For shooting with Sweep Panorama, always hold the camera horizontally.
- In the following cases, Sweep Panorama does not work properly.
  - 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.
- If shooting angle does not reach the required value for Sweep Panorama within a certain period of time, the part which was not taken is recorded in gray.
  To avoid this, move the camera faster when shooting.
- 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 brightness, color balance, focus point of whole image, etc. to be shot with Sweep Panorama are extremely different from those of the focused image, image may not be shot properly.
- In the following cases, Sweep Panorama shooting may be interrupted.
  - Moved the camera too fast/too slow
  - When image is too blurred
  - Moved the camera in the opposite direction of the shooting

Shooting still pictures

Shooting with the shutter icon

1 Press and hold [📷] for over a second.

2 Tap the shutter icon (◎).

Shooting with "Touch capture"

You can use this feature when the capturing mode is set to "Superior auto", "Manual", "Sound Photo", or "Sweep Panorama".
Set "Touch capture" to ON, then shoot.

1 Press and hold [📷] for over a second.

2 Tap the capturing mode icon, then select a capturing mode.

3 ⋮▶Tap "⚙" tab▶Tap ⬭ in "Touch capture" or drag it right▶ [◁].

4 Tap the shooting screen.

Shooting with the camera key

1 Press and hold [📷] for over a second.

2 Press [📷].

- To shoot still pictures using auto-focus function, press [📷] halfway and when the auto focus frame turns blue and you hear a beep, press [📷] all the way until it stops.

❖Information

- Shot still pictures are automatically saved in the internal storage or a microSD card.
- When the auto focus frame does not appear, focusing may be failed.
- When you connect a commercially available earphone set or other Bluetooth device, shutter sound may be softer.

Recording videos

Shooting with the start/stop icon

1 Press and hold [📷] for over a second.

2 Tap the shutter icon (⊙ / ■) to start/stop shooting.

- When the capturing mode is set to "Manual", tap [📷] to display the video shooting screen, then tap the start shooting icon (⊙).
- Tap the pause/start shooting icon (⏸ / ⊙) to pause/resume recording.

Shooting with "Touch capture"

You can use this feature when the capturing mode is set to "Manual", "4K video", or "Timeshift video". Turn "Touch capture" on, then start shooting.

1 Press and hold [📷] for over a second.

2 Tap the capturing mode icon, then select a capturing mode.

- When the capturing mode is set to "Manual", tap [📷] to display the video shooting screen.

3 ⋮▶Tap "⚙" tab▶Tap ⬭ in "Touch capture" or drag it right▶ [◁].

4 Tap the video shooting screen to start/stop recording a video.

Shooting with the camera key

You can use this feature when the capturing mode is set to "Manual", "4K video", or "Timeshift video".

1 Press and hold [📷] for over a second.

2 Tap the capturing mode icon, then select a capturing mode.

- When the capturing mode is set to "Manual", tap [📷] to display the video shooting screen.

3 Press [📷] to start/stop shooting.

❖Information

- Recorded videos are automatically saved in the internal storage or a microSD card.
- Do not cover the microphone with fingers etc. when recording videos.
- When you connect a commercially available earphone set or other Bluetooth device, shooting start/stop sound may be softer.
- When shooting video, you can tap the shutter icon (📷) to take a photo. Shot image sizes vary by video resolution setting. Here are the image sizes available when the capturing mode is set to "Manual":
  Full HD : 2 megapixel (1920×1080), 16:9 aspect ratio
  HD : 1 megapixel (1280×720), 16:9 aspect ratio
  VGA : 640×480 pixels, 4:3 aspect ratio
- If you want to shoot a video using the "4K video" option, set "SteadyShot™" to "Standard" to prevent the images from being distorted. It is Off by default (P.129).

Changing settings when shooting

Changing settings from the option menu

- The items displayed vary depending on the capturing mode.

1 Press and hold [📷] for over a second.

2 ⋮▶Any of "📷" tab/"🎞" tab/"⚙" tab▶Select a setting item.

3 Change the setting.

Aspect ratio (only for still picture)

When the capturing mode is set to "Superior auto", aspect ratio is set to 16:9 or 4:3 for still pictures.

Resolution (only for still picture)

Set the picture resolution if the capturing mode is set to "Manual". An image with a higher resolution requires more memory.

- If the resolution is set to "20.7MP" or "15.5MP", then "HDR", "ISO", and "Scene selection" cannot be set.
- When the capturing mode is set to "Superior auto", images are shot at "8MP" (16:9/4:3).
- When the capturing mode is set to "Sound Photo", images are shot at "8MP" (16:9).
- When the capturing mode is set to "AR mask", "Face in picture", "AR fun", "Multi camera", "AR effect", or "Creative effect", images are shot at "2MP" (16:9).

Video resolution (only for video)

Set the video resolution if the capturing mode is set to "Manual". An image with a higher resolution requires more memory.

- When the capturing mode is set to "Superior auto", "AR mask", "Face in picture", "Multi camera", or "Creative effect", images are shot at the "Full HD" resolution.
- When the capturing mode is set to "AR fun", "Timeshift video", or "AR effect", images are shot at the "HD" resolution.

Self-timer

Shoot after set period of time (seconds) elapses.

You are recommended to use the Self-timer to avoid camera shake when shooting still pictures.

Smile Shutter/Smile Shutter (video)

Set smile level for the smile shutter (P.133).

Focus mode

Set focus controls.

Single autofocus

The camera automatically focuses on the center of the shooting screen.

Multi autofocus (only for still picture)

The camera automatically focuses on several points on the shooting screen. For places which are focused on by tapping the shutter icon (📷) or shooting screen, or pressing [📷], the auto focus frame turns from white to blue.

Face detection

Detect several faces to focus (P.133).

Touch focus (only for still picture)

The auto focus frame moves onto the place you tapped on the shooting screen to focus on.

Object tracking

The camera chases an object and focuses on it.

HDR/HDR video

Set whether to use the high dynamic range function to take lifelike, natural-looking images even in high-contrast scenes, for example when there is a bright light in the background.

ISO (only for still picture)

Set ISO sensitivity.

- With ISO sensitivity up, you can shoot clear picture reducing blur even in a place where lightning is poor. However, noise stands out.
- With ISO sensitivity down, you can shoot with noise kept low. However, it may be dim and tend to make blur in a place where lighting is poor.

Metering

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.

Multi

Divides the screen into multiple areas, measures the brightness, and adjusts exposure so that the overall brightness is balanced.

Center

Put emphasis at the center of the shooting screen and measure photometry at whole view finder to adjust the exposure.

Spot

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

Recording file type (only for video)

Select "H.264" or "H.265" as the file format when shooting video using the "4K video" option.

Image stabilizer/SteadyShot™

Set whether to decrease blur by hand shake when shooting.

Intelligent active (only for video)

Reduce camera shake blurring when zooming, or when shooting while walking.

Standard (only for video)

Reduce camera shake blurring when shooting normally.

Soft skin effect (only for shooting with Front camera)

Set whether to shoot a picture making human skin look smoother.

Preview

Set the time duration for displaying preview right after shooting.

- When it is set to "Edit", the editing screen appears after shooting.

Burst with longpress (only for still picture)

Set whether to shoot continuously by touching and holding the shutter icon (📷) or by pressing and holding [📷] for over a second.

You can set this feature when the capturing mode is set to "Superior auto" or when using the front camera with the capturing mode set to "Manual".

When the capturing mode is set to "Superior auto", select "High speed" or "Standard", depending on how fast your subject is moving.

- When "Touch capture" is ON, touch and hold the shooting screen to shoot Burst with longpress, too.

Face recognition (only for still picture)

Set whether to display name on face tagged with "Album" application to focus on preferentially.

Microphone (only for video)

Set whether to pick up the surrounding sound when recording videos.

Quick launch

Set behavior when using Quick launch (P.132).

Geotagging

Set whether to tag still pictures/videos location information (geotag) for the shooting spot.

- When enabled, location information is added when appears on the shooting screen.
- appears while acquiring location information. To pictures shot while acquiring location information, geotags are not added.

Touch capture

Set whether to shoot by taping the shooting screen.

Use Volume key as

Set function for assigning with the volume key.

Data storage

Set the saving location for shot still pictures/videos.

Touch Block

Set up the Touch Block function. Set the touchscreen to be unresponsive when displaying the shooting screen.

❖Information

- Some settings cannot be used in combination with one another.

Changing settings from the icon on the screen

Tap the icon displayed on the shooting screen to change the setting.

- The displayed icons vary depending on the capturing mode.

Flash

Set the flash to light or not when lighting conditions are poor or in backlight.

Auto

Turn on the flash automatically according to the brightness.

Fill flash

Always turn on the flash regardless of the brightness.

Red-eye reduction

Reduce red-eye effect caused by the flash.

Off

The flash does not turn on.

- Sometimes turning off the flash improves still picture quality. When you do not turn on the flash, use the self-timer to avoid blurring still picture.

Flashlight

Turn on the photo light.

- Sometimes the video quality can be better without a photo light, even if lighting conditions are poor. Shooting a good image without using the photo light requires a steady hand.

Scene selection

Select a shooting scene. Suitable shooting condition for the selected scene is set.

Off

Shoot without the scene set.

Soft skin

Shoot a picture making human skin look smoother.

Soft snap

Shoot a picture making human skin look bright and beautiful.

Anti motion blur

Reduce blur when taking portraits indoors.

Landscape

Shoot landscape depicting blue sky or plants with vivid color and focusing on distant objects.

Backlight correction HDR

Correct backlight with the high dynamic range imaging function.

Night portrait

Suitable for shooting persons against the nightscape background. Due to long exposure time, be careful not to shake camera.

Night scene

Shoot clear night scene. Due to long exposure time, be careful not to shake camera.

Hand-held twilight

Shoot a crisp and clear night scene reducing noise.

High sensitivity

Shoot brightly without flash even when shooting under poor lighting condition.

Gourmet

Shoot clear images making food look delicious.

Pet

Suitable for shooting pets.

Beach

Reconstruct beach scene brightly and vividly.

Snow

Reconstruct snow scene brightly and vividly.

Party

Shoot an indoor picture creating good atmosphere of indoor lighting. Due to long exposure time, be careful not to shake camera.

Sports

To shoot fast-moving object, shorten exposure time to minimize motion blurring.

Document

Use for shooting text or graphics. It allows to capture a clear, bright, and easy to read text.

Fireworks
Shoot a crisp and clear images of fireworks. Due to long exposure time, be careful not to shake camera.

■ Exposure value (EV)/White balance
Tap or drag the bar to adjust the exposure value.
White balance is automatically adjusted depending on the light source.

Auto
Adjust to the light source automatically.

Incandescent
Adjust for lighting like incandescent bulb.

Fluorescent
Adjust for lighting like fluorescent.

Daylight
Adjust for a sunny place.

Cloudy
Adjust for a cloudy sky or shaded area.

■ Shooting direction
Set shooting direction for Sweep Panorama.

Right
Shoot moving the camera from left to right.

Left
Shoot moving the camera from right to left.

Down
Shoot moving the camera downwards.

Up
Shoot moving the camera upward.

Using Quick launch

You can set how the camera behaves when it is turned on. To do so, press and hold [ ] for over a second, or swipe (or flick) [ ] up on the lock screen (Quick launch).

1 Press and hold [ ] for over a second.
- "Launch only" to activate the camera is set by default.

2 ▶"⚙" tab▶[Quick launch].

3 Any of [Launch only]/[Launch and capture]/[Launch and record video].
- To cancel Quick launch, tap [Off].

❖Information
- When the camera is turned on via "Quick launch", the capturing mode is automatically set to "Superior auto".

Shooting with Face detection

Focus on a face located away from the center. When the capturing mode is set to "Superior auto", face detection works automatically.

1 **Press and hold [📷] for over a second.**

2 **Tap the capturing mode icon▶[Manual].**
- To shooting videos, tap [📷🎥] to display the video shooting screen.

3 **[⋮]▶Tap the "[📷]" tab/"[🎥]" tab▶[Focus mode]▶[Face detection]▶[◁].**

4 **Point the camera at the object.**
- Detected faces are framed (up to 5 faces).

5 **Tap the frame you want to focus on or let the camera select which face to focus on without tapping.**
- A yellow frame shows the face in focus.

6 **Shoot a still picture/video.**

Shooting with Smile Shutter

Shoot smile face.

1 **Press and hold [📷] for over a second.**

2 **[⋮]▶Tap the "[📷]" tab/"[🎥]" tab▶[Smile Shutter]/[Smile Shutter (video)].**

3 **Select the smile level for the smile shutter▶[◁].**

4 **Point the camera at the object.**
- Detected faces are framed (up to 5 faces).
- The camera selects which face to focus on. Face frame for focusing on turns to yellow (still picture)/blue (video).

5 **The camera automatically takes the photo when a face in focus smiles.**
- If no smile is detected, operate the steps in "Shooting still pictures" (P.125) to shoot a still picture.

❖Information

- When "Smile Shutter (video)" is set, the shutter sound is not emitted for detecting smile while recording a video.

Album

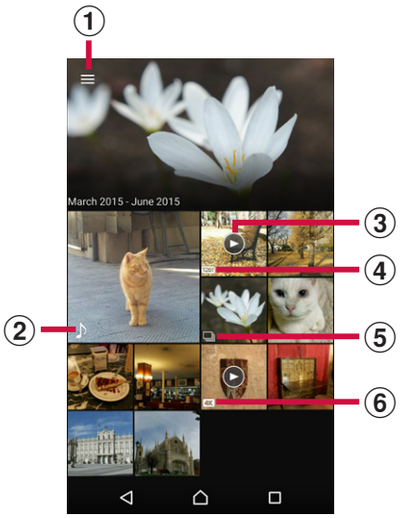
View/play photos or videos.

Displaying photos/videos

1 From the Home screen, [Album].

- A list of images are displayed in chronological order.
- When using this service for the first time, you will see its introduction screen. If you tap "SIGN UP"/"LOG IN", follow the onscreen instructions.

Image list screen



① Category list view
② Sound Photo file
③ Video file
④ Timeshift video file
- Files saved containing slow-motion videos are marked with .

⑤ Burst with longpress files
⑥ 4K video

❖Information

- Depending on the number of saved images, it may take some times to load images.
- To zoom in/out images, pinch out/in on the image list screen.

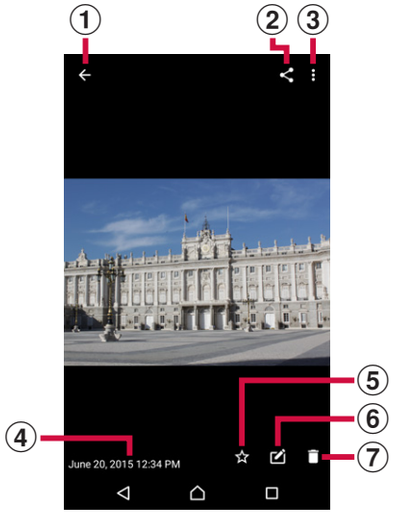
Viewing a photo/video

1 From the Home screen, [Album]▶Tap a photo/video.

- For Burst with longpress files, tap a photo.
- With Sound Photo files, audio is played back.
- For video files, tap .
- Tap the screen to display information such as shooting date, option menu icons, etc.

Photo viewing screen

- Video playback screen (P.137)



① Return to the image list
② Sharing menu (P.135)
③ Option menu (P.135)
④ Shot date
- For a geotagged photo, a country name and a region name appear, and tap it to view the photo on the map.

⑤ Add to/remove from Favorites
⑥ Operate photos
: Edit photos
: Play the Burst with longpress files in slideshow
⑦ Delete

❖Information

- To zoom in/out image display, pinch out/in on the photo playing screen.
- The items vary depending on the selected file.

Operating image files

1 From the Home screen, [Album]▶Tap a photo/video.

2 Tap a screen.

	Upload to online service, send via Bluetooth or mail, copy/move to microSD card.
	Play slideshows, rotate image or make image settings, check detailed information about images, or add geotags. With "Throw", you can play photos and videos wirelessly on other devices.

❖Information

- Different options may be shown or some items cannot be operated in some image files.
- To work with more than one image file, from the Home screen, tap [Album]▶Touch and hold a photo/video on the image list screen▶Tap to select the image files you want to add.
- For some DRM protected contents or transfer applications, sharing may be limited.

YouTube

YouTube is a free online video streaming service. You can play, search for and upload videos.

- A packet communication charge is applied when downloading or uploading video content using mobile networks.

Playing YouTube video

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

- If you do not set Google account, the Google account setting screen appears. Follow the onscreen instructions.

2 Tap a video.

- Tap 🔍 to search videos.

❖Information

- To delete search history, in Step 2, tap ⋮▶[Settings]▶[Privacy]▶[Clear search history]▶[OK].

Media Player

Play back music and videos stored on the internal storage or a microSD card using Media Player.

- File formats of playable data (P.213)

❖Information

- For details on Media Player, from the Home screen, ⊞▶[Media Player]▶ ⋮ ▶Tap [Help] to refer to the manual of Media Player.

Playing music/video

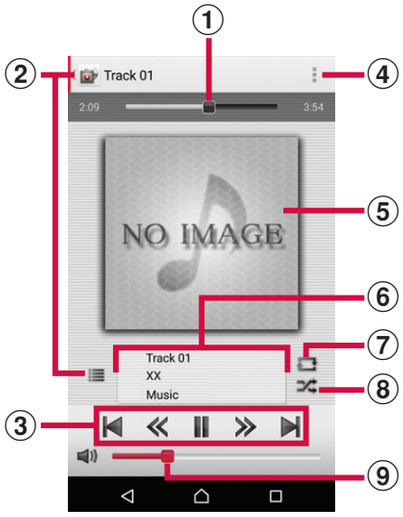
1 From the Home screen, ⊞▶[Media Player].

- When using for the first time, confirm the Application Privacy Policy and the Software License Agreement, mark the agreement checkbox▶Tap [Start]. Then follow the instructions on Media Player's introduction screen.

2 Tap the appropriate tab at the top of the screen or flick left or right on the screen.

3 Tap a song/video.

Music playback screen

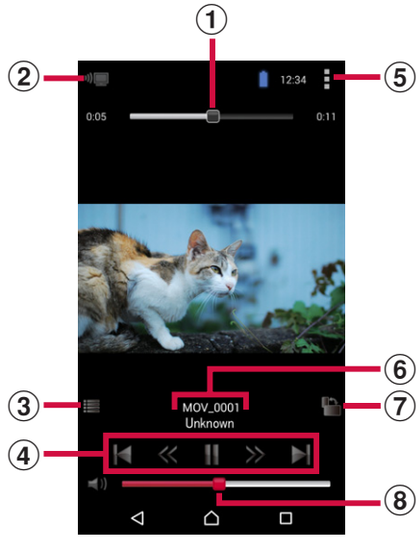


① Playback point
② Back to song list
③ Operate a song
: Go back to the beginning of the song or to the previous song
: Fast rewind
: Pause
: Play
: Fast forward
: Skip to the next song
④ Option menu
⑤ Album art
⑥ Song information
⑦ Repeat is off/Repeat all songs/Repeat current song
⑧ Shuffle is off/Shuffle is on
⑨ Volume control
- Alternatively, on the playback screen, press the volume key to adjust the volume.

❖Information

- You can return to the Home screen to perform another operation while listening to music in the background. To return to the music playback screen, from the Home screen, tap ▶[Media Player], or drag the status bar downwards▶Tap the name of song that is being played.

Video playback screen



① Playback point
② Share a video between screen mirroring compatible device and the terminal
③ Back to video list
④ Operate a video
: Go back to the beginning of the video or to the previous video
: Fast rewind
: Pause
: Play
: Fast forward
: Skip to the next video
⑤ Option menu
⑥ Video information

⑦ Auto-rotate screen ON/OFF
- Tap to turn red and disable Auto-rotate screen.

⑧ Volume control
- Alternatively, on the playback screen, press the volume key to adjust the volume.

❖Information
- Tap the screen to display option menu icons and other items.

Ending Media Player

1 On the Media Player screen/song player screen/movie player screen, / ▶[Exit].

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.27). The first time you use the GPS, it may take about 10 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 Defence might affect accuracy or functions of GPS system.
- Some wireless communications products (mobile phone, data detectors and some others) block satellite signals and also causes instability of signal reception.
- Some map displays based on location information (latitude/longitude information) may be not accurate due to some countries' or regions' regulations.

Where radio waves are difficult to receive

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

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

❖Note

- If some of the GPS functions are not available, or if none of them are, check that your contract includes the use of the Internet, and see "Wireless & networks" (P.147).
- 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].**

2 **[Location]▶Tap of "Location" or drag it right.**

3 **Read the Attention message about location information and tap [AGREE]▶Read the Location consent message 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, enable data traffic (LTE/3G/GPRS) or connect to Wi-Fi.
- Google Maps does not cover the whole world.

Finding the current location on the map

You can detect your current location using location information service.

- To detect current location, enable Location (P.140) beforehand.

1 **From the Home screen, [Google]▶[Maps].**

- When a message appears, follow the onscreen instructions.

2 **.**

- Current location is shown by blue mark.
- If you tap , the icon changes to , and then the terminal's geomagnetic compass links the direction displayed on the map.
- To zoom in/out the map, pinch out/in on the map screen, or double-tap/tap the screen with two fingers.

Viewing Street view

1 **From the Home screen, [Google]▶[Maps].**

2 **Touch and hold a point you want to show in the street view▶Tap information displayed at the bottom of the screen.**

3 **[Street View].**

Searching for a location

1 **From the Home screen, [Google]▶[Maps].**

2 **Fill out the search bar.**

3 **on the software keyboard.**

4 **Tap a destination.**

Displaying information

Display information such as traffic information etc. on the map.

1 **From the Home screen, [Google]▶[Maps].**

2 **≡▶Select information to display.**

Navigating

You can receive detailed guides for your destination.

1 **From the Home screen, [Google]▶[Maps].**

2 **▶Select a transporting method.**

3 **Enter a start point in the upper entry field▶Enter an end point in the lower entry field.**

Schedule

Displaying schedule

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[Schedule].**

- When using for the first time, tap [同意する (Agree)] on the 「スケジュール&メモアプリ」ソフトウェア使用許諾規約 ("Schedule & Memo application" license agreement) screen. Configure settings by following the instructions on the resulting screen asking if you want to use cloud services.

2 **[Switch disp]▶Tap [Monthly]/[Week]/[Daily time-line]/[Daily].**

- Flick the calendar left or right to display the next or previous month/week/day.

❖Information

- To move cursor to the current date or date you want to display, in Step 2, [Jump to]▶[Today]/drag a number to set date▶[Jump].
- In Step 2, [Switch disp]▶Tap [Memo list] to switch to the "Memo" application screen.

Creating schedule event

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[Schedule].**

2 **[Add]▶Enter an item.**

3 **[Save].**

❖Information

- When an alarm of event is set, appears on the status bar at the set time. Drag the status bar▶Tap [It's time] to display details of the event.

Displaying events of Schedule

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[Schedule]▶Display a scheduled date/time.**
   - In Monthly view or Week view, tap a scheduled date.

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 [ドコモクラウド (docomo cloud)]▶[Schedule]▶ ⋮ ▶[Delete all]▶[Delete].

Setting display conditions in Schedule

When a search criteria is set, specified data can be displayed.

1 **From the Home screen, [ドコモクラウド (docomo cloud)]▶[Schedule].**

2 **[Conditions].**

3 **On the selecting screen for search conditions, tap items to display.**

❖Information

- Tap [Free word search] in Step 3▶Enter a search word▶[OK] to search and display the input information in "title", "text" and "どこで？ (place)".

Alarm & clock

Use alarm, world clock, stop watch and timer.

Setting alarm

1 **From the Home screen, ⊞▶[Alarm & clock].**

2 **+▶Set time etc.**

3 **[SAVE].**

❖Information

- To delete alarms, in Step 2, tap ⋮ ▶[Delete alarms] ▶Mark alarms you want to delete▶[DELETE]*▶[YES].
  * A number of marked alarm is displayed at the right side of "DELETE".

Enabling/Disabling alarm

1 **From the Home screen, ⊞▶[Alarm & clock].**

2 **Tap ◯ / ● of alarm you want to switch ON/OFF or drag it right/left.**

Stopping alarm

1 **While alarm is sounding, drag ⏰ to the right.**

❖Information

- If you tap [Snooze], the alarm sounds again when the set time has passed.
- If the backlight is on (except on the lock screen), tap the display area at the top of the screen to operate.

Using World clock

Display the date and time etc. in cities around the world.

1 **From the Home screen, ⊞▶[Alarm & clock]▶"🌐" tab.**

2 **+▶Select a city.**

❖Information

- Time display during day-light saving time may differ from time difference displayed on the screen when adding a city in Step 2.
- To change the order of cities, in Step 2, tap ⋮ ▶[Rearrange]▶Drag ⠿ at the side of date and time for the city up or down▶Tap [DONE].
- To delete cities, in Step 2, tap ⋮ ▶[Delete]▶Mark cities you want to delete▶Tap [DELETE]*▶[YES].
  * A number of marked city is displayed at the right side of "DELETE".

Using Stopwatch

1 **From the Home screen, ⊞▶[Alarm & clock]▶"🕓" tab.**

2 **[START].**

3 **[STOP].**

Using Timer

1 **From the Home screen, ⊞▶[Alarm & clock]▶"⌛" tab.**

2 **[SET TIME].**

3 **Drag the number up or down to set time▶[OK].**

4 **[START].**

5 **[STOP].**

docomo backup

With docomo backup, you can back up or restore data to/from "データ保管BOX (Data Storage BOX)" or "microSD card".

- Do not remove microSD card during backup or restoring. Doing so may damage the terminal data.
- If the battery is low, backup or restore may not be done. In that case, charge the terminal and retry to back up or restore.
- docomo apps password is required to back up or restore (P.164).
- To back up data to or restore data from your Data Storage BOX, you need to log in to the docomo cloud (P.144).

❖Information

- When using for the first time, confirm アプリケーション・プライバシーポリシー (Application privacy policy) and ドコモバックアップアプリ利用規約 (docomo backup app license agreement), then mark "Agree"▶[Start].
- For details on docomo backup, from the Home screen, tap ⊞▶[docomo backup]▶[Backup/restore to docomo cloud]/[Backup/restore to microSD card]▶ ⋮ ▶[Help] to refer to Help.

Backing up/Restoring to/from Data Storage BOX

You can back up/restore call logs, music, etc. to/from Data Storage BOX.

Backing up

1 From the Home screen, ⊞▶[docomo backup]▶[Backup/restore to docomo cloud].

2 [Backup].

- When you do not log in to docomo cloud, on the confirmation screen, tap [Log in], then follow the onscreen instructions to log in.

3 Mark the data to back up.

4 [Start backup]▶[Backup].

5 Enter docomo apps password▶[OK].

❖Information

- With Periodical backup, you can back up specified item data to Data Storage BOX automatically every month.
- Note that use of Periodical backup may cause high packet communication charge.

Restoring

1 **From the Home screen, ⊞▶[docomo backup]▶[Backup/restore to docomo cloud].**

2 **[Restore].**

3 **Tap [Select] on data type to restore▶Mark data to restore▶[Select].**
- Tap [Select latest data] to select the latest data for each data type.

4 **[Add]/[Overwrite]▶[Start restore]▶[Restore].**

5 **Enter docomo apps password▶[OK].**

❖Information

- When restoring from the Data Storage BOX, data is restored to the location where the data is backed up to. When model change etc., data may be restored to the different saving location from backing up.

Backing up/Restoring to/from microSD card

Back up or restore data such as phonebook entries, docomo mails, images/videos, etc. to an external memory such as microSD card.

Backing up

If microSD card is not installed, data such as images and movies are saved to the internal storage. You can back up only data such as images and movies stored in the internal storage. Data stored in microSD card cannot be backed up.

1 **From the Home screen, ⊞▶[docomo backup]▶[Backup/restore to microSD].**

2 **[Backup].**

3 **Mark the data to back up.**

4 **[Start backup]▶[Start backup].**

5 **Enter docomo apps password▶[OK].**

❖Information

- When backing up phonebook entries to microSD card, data without Name cannot be copied.
- If microSD card is low on memory, backup may not be done. In that case, delete unnecessary files to make available space.

Restoring

1 **From the Home screen, ⊞▶[docomo backup]▶[Backup/restore to microSD].**

2 **[Restore].**

3 **Tap [Select] on data type to restore▶Mark data to restore▶[Select].**
- Tap [Select latest data] to select the latest data for each data type.

4 **[Overwrite]/[Add]▶[Start restore]▶[Restore].**

5 **Enter docomo apps password▶[OK].**

Copying phonebook entries registered in Google account to docomo account

You can copy contacts data registered in Google account to docomo account.

1 **From the Home screen, ⊞▶[docomo backup]▶[Backup/restore to microSD].**

2 **[Phonebook account copy].**

3 **[Select] on Google account contacts you want to copy▶[Overwrite]/[Add].**
- When a message appears, follow the onscreen instructions.

❖Information

- If phonebook item names (e.g. Phone number, etc.) of the other terminal are different from ones of your terminal, the item names may be changed or deleted. Also, some text may be deleted in copied destination, because savable characters in a phonebook entry vary by terminal.

Viewing the setting menu

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

Wireless & networks	P.147
Device	P.157
Personal	P.164
System	P.173

Wireless & networks

Wi-Fi		P.147
Bluetooth		P.179
Data usage		P.151
Xperia™ Connectivity		P.152
More	Airplane mode	P.153
	Default SMS app	P.91
	Tethering & portable hotspot	P.154
	VPN	P.156
	Mobile networks	P.153, P.189
	NFC / Osaifu-Keitai settings	P.104, P.181

Wi-Fi

Using the 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

Bluetooth devices and wireless LAN (IEEE802.11b/g/n) devices use the same frequency band (2.4GHz). If you use Bluetooth devices 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. Communication may be interrupted or sound may be lost while streaming data, etc. In these cases, do the following:

- Keep the terminal and Bluetooth device to be connected wirelessly approximately 10 meters or more away from a wireless LAN device.
- Within approximately 10 meters, turn off the Bluetooth device to be connected.

Turning on Wi-Fi

1 From the Home screen, ⊞▶[Settings]▶[Wi-Fi].

2 Tap or drag it right.

- It may take a few seconds before the Wi-Fi connection is on.

❖Information

- Even when Wi-Fi is on, packet communication is available.
- When a Wi-Fi network is disconnected, connection is automatically switched to a LTE/3G/GSM network mode. Note that packet communication charge may be applied if network connection stays switched.
- Turn the Wi-Fi function to off when you do not use Wi-Fi to cut battery power consumption.
- Make sure to receive signal strong enough for using Wi-Fi function.

Connecting to a Wi-Fi network

1 From the Home screen, ⊞▶[Settings]▶[Wi-Fi].

2 Select a Wi-Fi network to connect.

- To connect to a protected Wi-Fi network, enter the password▶[CONNECT].
- To connect Wi-Fi network with WPS compatible device, ⋮ ▶[Advanced]▶Tap [WPS Push Button]/[WPS PIN Entry] and then follow the onscreen instructions.
- Scanning for Wi-Fi networks manually, ⋮ ▶[Refresh].

❖Information

- Depending on your environment, the connection speed may be slow, or Wi-Fi may not be available.
- When the terminal is connected to Wi-Fi network successfully, "Connected" appears. When a different message appears, make sure the password (security key).
  When the connection is not established even if you enter a correct password (security key), the correct IP address may not have been acquired. Check the signal status and reconnect. It may take 5 minutes or more to display the connection result after connecting to Wi-Fi network is operated.
- If you connect to an access point that is not connected to the Internet, appears and communication may be performed via mobile network, not via Wi-Fi.
- To use docomo service via Wi-Fi, setting "docomo ID" is required. From the Home screen, ⊞▶[Settings]▶[docomo service/cloud]▶[docomo ID設定 (docomo ID setting)] to set.

Deleting connecting Wi-Fi network setting

1 From the Home screen, ⊞▶[Settings]▶[Wi-Fi].

2 Tap the Wi-Fi network that is currently connected.

3 [FORGET].

Adding a Wi-Fi network manually

- Turn Wi-Fi on beforehand (P.148).

1 From the Home screen, ⊞▶[Settings]▶[Wi-Fi].

2 ⋮▶[Add network]▶Enter a network SSID for Wi-Fi network to add.

3 Tap "Security" setting item▶Tap a security type of the Wi-Fi network you want to add.

- 4 options, "None", "WEP", "WPA/WPA2 PSK", or "802.1x EAP", appear.

4 If required, enter security information for the Wi-Fi network you want to add.

5 [SAVE].

Using optional menu

1 From the Home screen, ⊞▶[Settings]▶[Wi-Fi]▶⋮.

Add network		P.149
Saved networks		Display saved Wi-Fi networks.
Refresh		P.148
Advanced	Network notification	Set whether to notify when Wi-Fi open network is detected. • Turn Wi-Fi on beforehand (P.148).
	Scanning always available	Set whether to allow Google location service and other application to scan network when Wi-Fi is OFF.
	Avoid poor connections	Set whether to use LTE/3G/GSM network mode when Wi-Fi radio waves are weak or communication quality is bad.

Advanced	Keep Wi-Fi on during sleep	Set whether to disable the Wi-Fi function when the screen backlight turns off. You can set to turn on every time for charging the battery, too. • By default, "Keep Wi-Fi on during sleep" is set. When not charging the battery, Wi-Fi connection is disconnected in approximately 15 minutes after the backlight turns off.
	Install certificates	Install certificates.
	Wi-Fi Direct	P.150
	WPS Push Button	P.148
	WPS PIN Entry	P.148
	Auto IP support	Switch ON/OFF of Auto IP function.
	Passpoint	Set whether to connect to available Passpoint network automatically.
	MAC address	Check MAC address.
	IP address	Check IP address.

Using Wi-Fi Direct compatible device

You can connect among the devices compatible with Wi-Fi Direct via Wi-Fi even without configuring access point.

- Turn Wi-Fi on beforehand (P.148).

1 **From the Home screen, ⊞▶[Settings]▶[Wi-Fi].**

2 **⋮▶[Advanced]▶[Wi-Fi Direct].**

3 **Select a Wi-Fi Direct compatible device name to connect.**

- Tap [SEARCH FOR DEVICES] to refresh the detection list.
- To change the terminal name displayed on the detected Wi-Fi Direct compatible device, tap [RENAME DEVICE].

❖Information

- Wi-Fi function becomes available when you install a compatible application.

Data usage

Enable/disable mobile data communication or set data usage limit.

Enabling mobile data communication

1 **From the Home screen, ⊞▶[Settings]▶[Data usage].**

2 **Tap ◯ of "Mobile data traffic" or drag it right.**

3 **Read the note and tap [OK].**

Setting data usage limit

1 **From the Home screen, ⊞▶[Settings]▶[Data usage].**

2 **Tap ◯ of "Set mobile data limit" or drag it right.**

3 **Read the note and tap [OK].**

❖Information

- Note that mobile data communication will be disabled when data usage volume reaches to the limit.
- Change the setting value for data usage limit and the value for alert by dragging the right end of each bar in the graph.

Setting Data usage cycle

1 **From the Home screen, ⊞▶[Settings]▶[Data usage].**

2 **Set period/[Change cycle...].**

- When you tap [Change cycle...], select reset date▶[SET].

Using optional menu

1 **From the Home screen, ⊞▶[Settings]▶[Data usage]▶⋮.**

Restrict background data	Set whether to restrict background data.
Show Wi-Fi/Hide Wi-Fi	Set whether to display Wi-Fi usage status.
Network restrictions	Set to restrict use of specified Wi-Fi network.
Mobile networks	P.153, P.189

Xperia™ Connectivity

One-touch setup	Set up for using the terminal and Xperia™ tablet (Android 4.4 or later) at the same time with one-touch operation.
Smart Connect™	Set operation when external device is connected or applications are activating/ deactivating.
Throw settings	Play contents in the terminal with other device.
Screen mirroring*	Connect to a TV or tablet compatible with Screen mirroring to display the screen on the terminal.
Cast screen	Display the terminal's screen on a device that supports Google Cast.
Media server settings	P.185
Windows tethering	Display the description about Windows tethering. To connect by Windows tethering, set the following beforehand. • Turn on Bluetooth function of the terminal and the PC (P.179). • Set security of Portable Wi-Fi hotspot to "WPA2 PSK" (P.155). • Pair the terminal and a PC whose OS is Windows 8.1 or later via Bluetooth (P.180).
DUALSHOCK™ series	Connect a wireless controller (DUALSHOCK™ 4) to your terminal.
MirrorLink™	Set to allow a device compatible with MirrorLink to operate the terminal using microUSB cable. Copyright protected data cannot be displayed.

USB Connectivity	Install software	Set whether to display the software installation wizard when connected to a PC.
	Detect USB peripheral	Have USB device connected to the terminal recognized.
	Tips for connection with USB peripheral	Check how to connect USB device.
Keep your device's screen on		Set whether to light the terminal backlight while an external device is connected.

* Compatible with Wi-Fi CERTIFIED Miracast™
Depending on usage environment, image or sound may be interrupted or stopped.
Covering around the Wi-Fi/Bluetooth antenna with your hand may affect the quality of communications.

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]▶[More].

2 Tap ◯ of "Airplane mode" or drag it right.

- ✈ appears on the status bar.

❖Information

- Even if Airplane mode is on, Wi-Fi, Bluetooth function and NFC Reader/Writer, P2P function can be turned on. Do no use these functions in a place where the use is prohibited.

Setting an access point

An access point for connecting to the Internet (sp-mode) is already registered. You can add or change it if necessary.
For details of sp-mode, refer to NTT DOCOMO website.
For using mopera U, Business mopera Internet add the access point manually.
For details on mopera U, refer to mopera U website.

Checking the access point in use

1 From the Home screen, ⊞▶[Settings]▶[More]▶[Mobile networks]▶[Access Point Names].

- It is recommended that you use the displayed access point without editing.

❖Information

- Radio button on the right of current access point is marked.

Setting an access point additionally

1 **From the Home screen, ⊞▶[Settings]▶[More]▶[Mobile networks]▶[Access Point Names].**

2 **+.**

3 **[Name]▶Enter a 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 when setting the APN. If you change them to values other than the default values (440/10), the set APN will not be displayed on the APN screen. If the set APN is not displayed, ⋮▶Tap [Reset to default] or +, then set the APN again.

Initializing an access point

1 **From the Home screen, ⊞▶[Settings]▶[More]▶[Mobile networks]▶[Access Point Names].**

2 **⋮▶[Reset to default].**

Using tethering function

Use tethering function to enable the terminal to use as modem to allow USB compatible devices, wireless LAN devices or Bluetooth devices to access the Internet.

❖Information

- If you want to use tethering, subscription to Packet Pack/packet flat-rate service is strongly recommended.
- For details on usage charge, see the following website.
  https://www.nttdocomo.co.jp/english/
- When the docomo nano UIM card is not inserted, mobile data communication is disabled, or the terminal is out of service area, USB tethering, Portable Wi-Fi hotspot and Bluetooth tethering that use mobile network are not available.

Setting USB tethering

1 From the Home screen, ⊞▶[Settings]▶[More]▶[Tethering & portable hotspot].

2 Connect the terminal to the PC with a USB compatible PC with Micro USB Cable 01 (optional) etc. (P.35).

- When you connect microUSB cable etc. for the first time, the driver software for the terminal is installed to a PC. Wait for a while until installation is completed.
- When "Install software" screen appears on the terminal, tap [SKIP].

3 Tap ◯ of "USB tethering" or drag it right.

❖Information

- System requirements (OS) for USB tethering are as follows.
  - Microsoft Windows 8/8.1
  - Microsoft Windows 7
  - Microsoft Windows Vista
  - Linux
- During USB tethering, the terminal storage cannot be mounted with a PC.
- USB tethering can be used with Wi-Fi tethering or Bluetooth tethering at the same time.

Setting Wi-Fi tethering

1 From the Home screen, ⊞▶[Settings]▶[More]▶[Tethering & portable hotspot].

2 Tap ◯ of "Portable Wi-Fi hotspot" or drag it right.

❖Information

- If Wi-Fi tethering starts while connecting to Wi-Fi network or the terminal and DLNA device are connected via Wi-Fi network, Wi-Fi network is disconnected. Wi-Fi network is automatically connected when Wi-Fi tethering ends.
- Wi-Fi tethering can be used with USB tethering or Bluetooth tethering at the same time.

Setting up a portable Wi-Fi 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]▶[More]▶[Tethering & portable hotspot].

2 [Portable Wi-Fi hotspot settings]▶[Configure Wi-Fi hotspot].

3 Enter a network SSID of the Wi-Fi access point to set.

- The device name of the terminal is set by default.

4 **Tap "Security" setting item▶Tap a security type of the Wi-Fi access point you want to set.**

5 **Enter a password of the Wi-Fi access point to set as required.**

6 **[SAVE].**

❖Information

- By default, a password is set in a random manner.

Setting Bluetooth tethering

Up to 5 Bluetooth devices can be connected to the Internet.

1 **From the Home screen, ⊞▶[Settings]▶[More]▶[Tethering & portable hotspot].**

2 **Tap ◯ of "Bluetooth tethering" or drag it right.**

❖Information

- For using Bluetooth tethering from a Bluetooth device, set it paired with the terminal. For details on Bluetooth function, see "Bluetooth function" (P.179).
- Bluetooth tethering can be used with USB tethering or Wi-Fi tethering at the same time.

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.

❖Information

- To set up a VPN from the terminal, you need to retrieve the information related to security from your network administrator. For details, see the following website.
  http://www.sonymobile.co.jp/support/ (In Japanese only)

Adding a VPN

1 **From the Home screen, ⊞▶[Settings]▶[More]▶[VPN].**

- When the note appears, follow the onscreen instructions to set unlocking method of screen lock (P.168).

2 **+.**

3 **When an editing screen is displayed, follow the instruction of the network administrator to enter/set required items of VPN settings.**

4 **[SAVE].**

❖**Information**

- To edit/delete VPNs, touch and hold a VPN▶[Edit profile]/[Delete profile].
- When you reset after VPN has been used, mark "Erase internal storage".

Connecting to a VPN

1 From the Home screen, ⊞▶[Settings]▶[More]▶[VPN].

2 Tap a VPN to connect to.

3 Enter required authentication information▶[CONNECT].

- When you are connected to a VPN, appears in the status bar.

Disconnecting a VPN

1 From the Home screen, ⊞▶[Settings]▶[More]▶[VPN].

2 Tap a connected VPN▶[FORGET].

Device

Personalization	P.157
Call	P.84, P.192
Home	P.158
Display	P.158
Sound & notification	P.159
Storage	P.161
Power management	P.162
Apps	P.162

Personalization

Motion	Set whether to answer or reject call without touching the screen while receiving.
Themes	Change themes for the Home screen, wallpaper of the lock screen, etc.
Wallpaper	P.70
Preferred apps settings	Set applications (Home app, lock screen, phonebook app, application for play back videos or music) used in the terminal all at once or individually.
Clocks	Set a clock for the lock screen.
System icons	Select icons to be displayed in the status bar.

Home

Change the home application for the terminal.

- If you change the Home application, the lock screen, phonebook application and application for playing videos or music are also changed.

Simple Home	P.49
Xperia™ Home	P.46
docomo LIVE UX	P.68

Display

Image enhancement	Set the screen to display photos and videos vividly and at high resolution. Note that the image quality of still images can only be enhanced when viewing in the "Album" application. • Select "X-Reality for mobile" to enhance patterns and outlines so that sharp images with detailed textures are produced. • Select "Super-vivid mode" to enhance colors so that sharp, vivid images are produced.
Glove mode	Increase touch sensitivity to enable touch operation with gloved hand • Touching screen with gloved hand with Glove mode ON, a ring appears where you touch on the screen. • Depending on the material of gloves, touch operation may be difficult.
Brightness level	P.158
Adaptive brightness	Adjust brightness automatically according to the ambient brightness with reference to the brightness set in "Brightness level".
White balance	P.159
Screen rotation	P.39
Sleep	Set a time before the screen back light turns off.
Smart backlight control	Set the backlight not to turn off when you use the terminal holding with your hand even while touch operation is not performed.
Daydream	Set the screensaver.
Font size	Set font size.
Tap to wake up	Set whether to cancel sleep mode by double-tapping the screen.

Adjusting the screen brightness

1 **From the Home screen, ⊞▶[Settings]▶[Display]▶ Brightness level].**

2 **Drag the slider to the right or left.**

Adjusting the white balance

1 From the Home screen, ⊞▶[Settings]▶[Display]▶[White balance].

2 Tap or drag the slider to the right or left on the position to set.

- Touch and hold the area displaying "Press and hold here to see previous setting" to check the setting before adjusting.

3 [DONE].

❖Information

- In Step 2, ⋮▶[Default values]▶[DONE] to reset back to the default setting.

Sound & notification

Audio settings	ClearAudio+	The sound setting for music recommended by Sony. It helps optimize the settings for digital signal processing technology with a one-touch operation.
	Sound effects	Set sound effects.
	Dynamic normalizer	Set to play at a comparable volume when songs with different volume levels are played.
Accessory settings	Noise canceling	Reduce background noise by turning on the noise-canceling function. This is enabled when noise-canceling headphones are connected.
	Wireless playback quality	Set to use LDAC compatible device for playback of high sound quality audio.
	Mic sensitivity	Set the microphone sensitivity.
Media volume		P.160
Alarm volume		
Ring volume		

Also vibrate for calls	Set whether to vibrate the terminal when receiving a call.
Phone ringtone	P.160
Increasing ringtone*	Set whether to have your ringtone get gradually louder.
Default notification ringtone	P.160
Startup sound	Set whether to emit sound when the power is on.
Other sounds	Set Dialpad tones/ Screen locking sounds/ Touch sounds/Vibrate on touch.
Notification light	Set whether to notify missed call etc. with blinking notification LED.
Interruptions	Make settings for sounds of incoming call or notifications.
When device is locked	Set whether to show content of notification on the lock screen.
App notifications	Set notification for each application.
Notification access	Set whether to enable an application for reading notification content.

* When silent mode is ON, ringtone volume does not increase.

❖Information

- For silent mode, see "Setting silent mode" (P.40).

Adjusting each sound volume

Adjust volumes for playing media, ringtone, notification sounds and alarms.

1 From the Home screen, ⊞▶[Settings]▶[Sound & notification].

2 Drag the slider of "Media volume"/ "Alarm volume"/"Ring volume" left or right.

❖Information

- Even if alarm volume is set in "Sound & notification", set in "Alarm volume" set in "Alarm & clock" app is given priority (P.142).
- Press the volume key to adjust the ringtone volume. Press Volume key while receiving a call to mute the ringtone.

Setting a ringtone/notification sound

1 From the Home screen, ⊞▶[Settings]▶[Sound & notification]▶[Phone ringtone]/ [Default notification ringtone].

2 Select Phone ringtone or Notification sound▶[DONE].

❖Information

- To set a ringtone or notification sound other than the ones stored by default, tap .
- When the Media volume is set to volume 0, ringtone or notification sound cannot be heard.

Storage

Check or format memory volume of device memory (internal storage), microSD card, and USB storage.

Device memory	Total space	Check available memory space of internal storage, etc.
SD Card	Total space	Check available memory space etc. of microSD card.
	Unmount SD card*1	Cancel connection of microSD card to remove it safely.
	Mount SD card*1	Have microSD card recognized.
	Erase SD card*1	Format microSD card.
External USB storage	Total space	Check available memory space of USB storage.
	Unmount USB storage*1	Cancel connection of USB storage to remove it safely.
	Mount USB storage*1	Have USB storage recognized.
	Erase USB storage*1	Format USB storage.
Miscellaneous	Transfer data to SD card*2	Transfer data in the device memory (internal storage) to the microSD card.

*1 Displayed items vary depending on condition of microSD card or USB storage recognition.

*2 Transfer the only files stored in the specified folder in the device memory (internal storage) to the microSD card.

❖Information

- USB storage cannot be recognized automatically. Attach it to the terminal, then from the Home screen, ▶[Settings]▶[Xperia™ Connectivity]▶[USB Connectivity]▶Tap [Detect USB peripheral].
- Note that formatting microSD card/USB storage erases all data in microSD card/USB storage(external device such as microSD card).
- If the terminal has a small memory, you can perform the following operations to increase available memory.
  - In Browser, delete history (P.101).
  - Uninstall programs that you no longer use (P.163).

Power management

STAMINA mode	Restrict functions in sleep mode for specified applications to reduce battery consumption.
Low battery mode	Set time before going into sleep mode, screen brightness, and whether to turn off functions when the battery level becomes lower than set level.
Emergency mode	P.41
App power consumption	Reduce battery consumption by controlling the operation of unused applications.
Battery usage	Display remaining battery level, battery consumption,etc.

❖Information

- When STAMINA mode is ON, flashing interval and color (pale purple) of the notification LED in sleep mode become identical for all applications.
- Time displayed in "Estimated battery time" is linked to the setting of STAMINA mode only.
  It is not linked with other modes.

Apps

Manage and delete installed applications, display memory usage condition, etc. or change the settings.

Managing applications

1 From the Home screen, ⊞▶[Settings]▶[Apps].

2 Tap the application you want to manage.

- To delete application data, tap [CLEAR DATA]▶Read the notes and tap [OK].
- Tap [CLEAR CACHE] to delete cache or tap [CLEAR DEFAULTS] to delete settings for activating the application and restore to the default.

Force-quitting an application

1 From the Home screen, ⊞▶[Settings]▶[Apps].

2 Tap an application to force-quit.

3 [FORCE STOP]▶Read the notes and tap [OK].

Deleting an application

- Before deleting application data, back up contents that you want to save including data saved in the application.

1 From the Home screen, ⊞▶[Settings]▶[Apps].

2 Tap an application to delete.

3 [UNINSTALL]▶[OK].

❖Information

- Some applications pre-installed cannot be deleted (uninstalled). For some applications which cannot be uninstalled, disabling is possible (P.163).
- Applications downloaded from Google Play are recommended to be deleted from the Google Play screen (P.103).

Disabling application

You can disable services or applications that cannot be uninstalled.

- Disabled applications are not displayed on the Home screen or application screen and you cannot execute them, but they are not uninstalled.

1 From the Home screen, ⊞▶[Settings]▶[Apps].

2 Flick the screen to the left▶Display "ALL" tab.

3 Tap an application to disable.

4 [DISABLE]▶Read the notes and tap [OK].

❖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 applications

You can reset disabling applications on "ALL" tab (P.163), settings for activating application (P.162), or restricting background data (P.151).

1 From the Home screen, ⊞▶[Settings]▶[Apps].

2 ⋮▶[Reset app preferences].

3 [RESET APPS].

Personal

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Backup & reset	P.172
Setup guide	P.37

docomo service/cloud

docomo ID設定 (docomo ID setting)	Set docomo ID for using docomo applications.
docomo cloud	Make settings for docomo cloud compatible service.
docomo apps management	Manage to install applications provided by NTT DOCOMO and set to check updates for applications regularly.
docomo apps password	Set a password for applications provided by docomo. docomo apps password is set "0000" by default.
AUTO-GPS	Set to use the services supporting AUTO-GPS.
docomo location information	Set location information function for imadoco search, imadocokantan search and Keitai-Osagashi Service.
Send device error information	Set for sending error information to the server managed by DOCOMO.
Remote Initialization Service	Set for using the service by remote operations such as initializing data etc. in the terminal.
Profile setting	Check or change your profile information used for docomo services.
Switch USB debugging	Configure settings for using a dedicated terminal, especially at a docomo Shop.
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. Also, if you newly download an application provided by DOCOMO, an item may be added in the list of docomo service/cloud.

Location

1 From the Home screen, ⊞▶[Settings]▶[Location].

2 Tap ⬭ or drag it right.

3 Read the note and tap [AGREE].

- When a confirmation screen for improving location accuracy appears, read the content and then tap [AGREE] or [DISAGREE].

Mode	Set a mode to identify location information.
Recent location requests	Display the application using the recent location information data and battery usage amount.
Location services	Set whether to allow applications to access the location information. • You may need to set a Google account.

Security

Screen lock	P.168
Make pattern visible*1	Set whether to show pattern when entering pattern.
Automatically lock*1	Set time from when the screen backlight turns off to when the screen automatically locks.
Power button instantly locks*1	Set whether to enable screen lock as soon as ⏻ is pressed.
Owner info	Enter a user name to be displayed on the lock screen. Tap ⬭ of "Show owner info on lock screen" or drag it right to show owner information on the lock screen.
Smart Lock	Set to enable unlocking by a registered device, place, face, voice or On-body detection use when Screen lock is set to "Pattern"/"PIN"/"Password".
Encrypt phone	Encrypt the internal storage. If you encrypt the phone, entering a security code or password is required each time you turn on the power.
Set up SIM card lock*2	P.168
Make passwords visible	Set whether to show the input character before "●" appears on the PIN/password entry screen.
Device administrators	Set whether to enable device administrating function.
Unknown sources	Set whether to permit installing before downloading unknown sources application. Some applications may be of unknown origin. To protect the terminal and personal data, only download applications from trusted sources.
Storage type	Show type of credential storage.
Trusted credentials	Display trusted CA credentials.

Install from device memory/SD card	Install encrypted certificates.
Clear credentials	Clear all certificates or credential information from the credential storage.*3*4
Trust agents	Set whether to display trusted agents or disable it.
Screen pinning	Set whether to enable screen pinning. When it is set to On, a pinned screen cannot be moved.
Apps with usage access	Set whether to enable applications that read the usage history.

*1 Displayed items vary depending on "Screen lock" settings.
*2 Not displayed if a docomo nano UIM card is not inserted.
*3 Save certificates and credential information in the credential storage.
*4 VPN settings are also cleared.

❖Information

- It takes time to encrypt the terminal. Start with the battery fully charged. And, keep charging while encrypting.
- To decrypt the terminal, reset (P.172) to the default status.

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

- Avoid using a number that is easy to guess, such as "birth date", "part of your phone number", "street address number or room number", "1111", and "1234". Make sure to make a note of the security code you set lest you should forget it.
- Be very careful not to let others know your security code. If your security code is known by anyone else, DOCOMO shall have no liability for any loss due to any unauthorized use of it.
- If you forget your security codes, you must bring your official identification (such as driver's license), the terminal, and docomo nano UIM card with you to the nearest docomo Shop. For details, contact the "General Inquiries" on the last page.

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

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

You can set up a security code called a PIN code for your docomo nano UIM card. The code is set to "0000" at the time of subscription; however, you can change the code by yourself.

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

- If you use a newly purchased terminal with docomo nano UIM card you have been using, use the PIN code set on the former terminal. If you did not change the setting, the code is "0000".
- If you enter a wrong PIN code 3 times consecutively, the PIN code is locked and cannot be used anymore. In this case, unlock with "Personal Unblocking Key (PUK code)" (P.168).

■ Personal Unblocking Key (PUK code)
The PUK code is an 8-digit number for canceling the locked PIN code. The PUK code cannot be changed by yourself.
- If you failed to enter PUK code 10 times consecutively, the docomo nano UIM card is locked. Please contact a docomo Shop.

Enabling SIM card lock

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

1 **From the Home screen, ⊞▶[Settings]▶[Security]▶[Set up 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 **✓.**

Changing the PIN code

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

1 **From the Home screen, ⊞▶[Settings]▶[Security]▶[Set up 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].**

Unlocking PIN lock

1 **Enter the PUK code▶✓.**

2 **Enter a new PIN code▶✓.**

3 **Enter the new PIN code again▶✓.**

Setting screen unlock method

You can enhance security by requiring a screen unlock pattern every time the terminal is turned on or every time it is activated from sleep mode.

1 **From the Home screen, ⊞▶[Settings]▶[Security]▶[Screen lock].**

2 Tap a unlock method to set.

- When you tap [PIN], follow the onscreen instructions to enter 4 - 16 digit numbers. This "PIN" code is different from one to be set on a docomo nano UIM card (P.167).

Locking the screen

When ⏻ is pressed to turn on the sleep mode or the screen backlight automatically goes off after screen unlock method (P.168) is set, the screen is locked.

■ To unlock the screen

1 When the screen is locked, press ⏻ to turn the backlight on▶Enter the unlock method.

■ To turn off the screen lock

1 From the Home screen, ⊞▶[Settings]▶[Security]▶[Screen lock]▶Enter the current unlock pattern/PIN/password▶[None].

❖Information

- If you forget unlocking pattern/PIN/Password, contact a docomo Shop.

Accounts

Manage (add or delete) online service accounts or synchronize contacts, calendar, etc. saved in online services with the terminal.

- Auto-sync data (P.170)

Setting up a Google account

You can set a Google account on your terminal and use Google services such as Gmail, Google Play, etc.
You can set multiple Google accounts on the terminal.

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

2 Follow the onscreen instructions to set up a Google account.

❖Information

- If you mark the item for backing up data to your Google account on the "Google services" screen when registering, the account is registered as a backup account.
- You can use the terminal without setting your Google account, however the Google services such as Gmail, Google Play, etc. are not available.
- Tap set Google account and synchronize each data manually.

Setting other account

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

2 Tap an account type.
- After this step, follow the onscreen instructions.

❖Information
- Use docomo account when you use "docomo backup" app (P.144) provided by NTT DOCOMO. docomo account is set by default.

Removing account

1 From the Home screen, ⊞▶[Settings]▶[Accounts]▶Select an account type▶Select an account you want to delete.

2 ⋮▶[Remove account]▶[REMOVE ACCOUNT].

❖Information
- docomo account cannot be deleted.

Configuring sync settings for your accounts

■ To sync automatically

Synchronize information of online service with the terminal. 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 ⋮▶[Auto-sync data]▶[OK].

■ To sync manually

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

1 From the Home screen, ⊞▶[Settings]▶[Accounts]▶Select the type of account▶Select the account you want to change▶Mark the items you want to sync.

❖Information
- Depending on the type of your account, you can select items to sync.

Language & input

Language	Change phone language.
Current Keyboard	Select a keyboard.
Xperia™ Chinese keyboard	P.67
Xperia™ keyboard	
Google voice typing	
Moji-Henshu	
Xperia™ Japanese keyboard	
Spell checker*	Set whether to run the spell checker.
Personal dictionary	Register words to the personal dictionary.
Voice input	P.171
Text-to-speech output	P.172
Pointer speed	Set pointer speed when a mouse or trackpad is used.

* Downloading Android keyboard is required.

❖Information

- If you choose the wrong language and cannot read the menu texts, see the FAQ of the following website. http://www.sonymobile.co.jp/so-03h/faq.html (in Japanese only)

Setting voice input

1 **From the Home screen, ⊞▶[Settings]▶[Language & input]▶[Voice input].**

2 **⚙ for "Enhanced Google services" or "Basic Google recognition".**

Languages	Select language used for Google voice search.
"Ok Google" Detection	Set to enable voice search by saying "OK Google".
Speech output	Set voice output.
Block offensive words	Set whether to display recognized offensive voice results.
Bluetooth headset	Set whether to record voice sound with Bluetooth headset.

* If the phone language is set to "English (United States)", "Hands-free" appears in the list.

Setting Text-to-speech output

1 From the Home screen, ⊞▶[Settings]▶[Language & input]▶[Text-to-speech output].

Google Text-to-speech Engine	Set language for text-to speech and audio synthesis engine to read out text.
Speech rate	Set speed at reading out text.
Listen to an example	Playback sample of audio synthesis.
Default language status	Display languages supporting text-to-speech.

Backup & reset

Back up my data	Set whether to back up settings for applications, data, etc. to Google server.
Backup account	Set an account for backup to Google server.
Automatic restore	Set to restore backup settings or data when re-installing application.
Factory data reset	P.172

Resetting the terminal

Resetting the terminal deletes all data, including downloaded applications and accounts, and resets the terminal back to the initial (default) state.

- Make sure to back up important data you have on the terminal before you reset the terminal.
- Reset the data while charging the battery, or only after making sure that the battery is sufficiently charged.
- Initial settings (P.37).

1 From the Home screen, ⊞▶[Settings]▶[Backup & reset]▶[Factory data reset]▶[RESET PHONE].

2 [ERASE EVERYTHING].

❖Information

- Mark "Erase internal storage" in Step 1 to delete all contents (music, photos, etc.) on the internal storage. Contents in pre-installed applications such as "Album", "Videos", etc. are deleted. However, some contents can be downloaded again.
  To download, from the Home screen, ⊞▶[Xperia™ Lounge]▶[Menu]▶[サポート (Support)]▶[スマートフォン／タブレット関連 (For smartphone/tablet)]▶[ドコモ (DOCOMO)](in Japanese only) and then select the terminal on the screen.

System

Date & time	P.173
Accessibility	P.173
Printing	P.174
About phone	P.174

Date & time

- To set date/time or time zone manually, turn off "Automatic date & time" or "Automatic time zone" in advance.

Automatic date & time	Adjust date and time automatically by using network-provided information.
Automatic time zone	Adjust time zone automatically by using network-provided information.
Set date	Set date manually.
Set time	Set time manually.
Select time zone	Set time zone manually.
Use 24-hour format	Set whether to use 24-hours format.
Select date format	Select date format.

❖Information

- Correction of the time differences may not be performed correctly depending on the overseas network operator. In that case, set time zone manually.

Accessibility

Captions	Set whether to display captions or set language, font size, etc. for captions.
Magnification gestures	Set whether to enable zooming in/out by tapping the screen 3 times.
Large text	Set whether to use large text.
High contrast text*1	Set whether to show font with high contrast color against the background color.
Power button ends call*2	Set whether to end calls by pressing ⏻.
Auto-rotate screen	P.39
Speak passwords	Set whether to read out passwords.
Play sound when battery is full	Set whether to have your terminal notify you with a sound when the battery has been fully charged.
Accessibility shortcut*3	Set whether to enable activation of accessibility function using shortcuts.
Text-to-speech output	P.172
Touch & hold delay	Set response time for operation of touching and holding the screen.
Color inversion*1	Set whether to invert color of screen.

Color correction*1	Color is corrected when distinguishing red from green is difficult.

*1 It may not work correctly.
*2 When the terminal goes into sleep mode during a call with "Power button ends call" ON, press Volume key to return from the sleep mode.
*3 To activate accessibility function, press and hold ⏻ until the sound is emitted or the terminal vibrates▶Keep touching with two fingers until a confirmation sound is emitted.

Printing

Cloud Print	Use Google Cloud Print to set for printing with a printer at home or office from the terminal. • Set a Google account in advance (P.169).
Epson Print Enabler	Set to enable printing from the terminal using Epson printers.
Canon Print Service	Set to enable printing from the terminal using Canon printers.

About phone

Software Update	P.206
Status	Check own phone number, battery status, remaining battery, battery performance, etc.
Legal information	Check open source license or Google terms of use, etc.
Usage info settings	Set whether to send usage information for the terminal.
Model number	Check versions and numbers.
Processor info	
Android version	
Baseband version	
Kernel version	
Build number	

Storage structure

Phone (internal storage)

Folders in the internal storage by default are as follows.

- Displayed folders may differ depending on the terminal operations.

Alarms	Stores alarm sounds etc.
Android	Stores setting data for system or each application, temporary files, etc.
DCIM	Stores still pictures/videos shot by Camera.
DeviceConfig	Used by SONY configuration tool.
Download	Stores downloaded data through Browser.
Movies	Stores videos (except shots by Camera).
Music	Stores music data.
Notifications	Stores notification sounds etc.
Pictures	Stores still pictures (except shots by Camera).
Podcasts	Stores Podcast files etc.
recovery	Stores update package for software update.
Ringtones	Stores ringtones etc.

microSD card (external storage)

You can save data in the terminal to microSD card or import data from the microSD card to the terminal. You can use microSD card for any other compatible devices.

- The terminal supports microSD card of up to 2GB, and microSDHC card of up to 32GB, microSDXC card of up to 128GB (As of May, 2015).
- For compatible microSD cards, contact manufacturers of microSD cards.
- A microSDXC card can be used only on a compatible device. Inserting a microSDXC card into a non-microSDXC-compatible device may damage or destroy data saved on the microSDXC card. Do not insert one.
- 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 or microSD card) complying with standards of device to share data.
- 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.

Inserting microSD card

- Opening/closing docomo nano UIM card/ microSD card slot cover (P.23).

1 **Open the docomo nano UIM card/ microSD card slot cover, then hook your fingertip on the projection part of the tray (❶) to pull the tray straight out and remove it from the terminal.**

2 **Set microSD card into the tray with the contacts side facing up (❷), then insert the tray with the card and press it all the way into the terminal.**

- Be careful about the direction to insert of the tray.

3 **Close the docomo nano UIM card/ microSD card slot cover, firmly press ○ parts and make sure that there are no gaps between the terminal and cover.**

Removing microSD card

Make sure to unmount microSD card (make reading/writing unavailable) before removing.

- Opening/closing docomo nano UIM card/ microSD card slot cover (P.23).

1 From the Home screen, ⊞▶[Settings]▶[Storage]▶[Unmount SD card]▶[OK].

- When microSD card is unmounted, appears in the status bar and notify that microSD card is not available for reading or writing.

2 Open the docomo nano UIM card/ microSD card slot cover, then hook your fingertip on the projection part of the tray to pull the tray straight out and remove it from the terminal.

3 Remove the microSD card from the tray (❶), then insert the tray into the terminal and press it straight all the way.

- Be careful about the direction to insert of the tray.

4 Close the docomo nano UIM card/ microSD card slot cover, firmly press the cover, and make sure that there are no gaps between the terminal and cover (P.176).

File operation

Use "File Commander" application to operate various data saved in the internal storage or the microSD card.

1 **From the Home screen, ⊞▶[File Commander].**
- The home screen for File Commander is displayed. Flick right from the left edge of the screen to display the option menu.
- When a microSD card is inserted, "SD Card" appears on the home screen and the option menu.

2 **Select an item▶Tap a folder as required.**

3 **Tap a file.**
- Data can be displayed with the compatible application.
- Tap [Folder] to add folder, or touch and hold a folder/file▶[Delete] to delete it.

Moving/Copying folder or file

Folders or files can be copied/moved between the internal storage and the microSD card.

1 **From the Home screen, ⊞▶[File Commander].**

2 **Select an item▶Tap a folder as required.**

3 **Touch and hold a folder or file to move/copy.**

4 **[Cut]/[Copy].**

5 **Anywhere, tap [Paste].**

Searching for data

1 **From the Home screen, ⊞▶[File Commander].**

2 **Flick right from the left edge of the screen▶[Global search]▶Enter a name of folder or file.**

3 **From search results appeared according to the entry, tap data you want to check.**

Bluetooth function

Bluetooth function is a technology which enables to connect with Bluetooth device such as PC, handsfree headset wirelessly.

- The terminal does not communicate wirelessly with all types of Bluetooth devices.
- Supported Bluetooth profiles (P.212)

❖Information

- If you turn off the terminal with Bluetooth turned on, Bluetooth function turns off. When you turn on the terminal again, Bluetooth function turns on automatically.
- When you do not use Bluetooth function, turn it off to save the battery.

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 meters or more away from a wireless LAN device.
- Within approximately 10 meters, turn off either the Bluetooth device or the wireless LAN device.

Making the terminal detectable

1 From the Home screen, ⊞▶[Settings].

2 [Bluetooth]▶Tap , or drag it right.

- appears on the status bar.

Using optional menu

1 From the Home screen, ⊞▶[Settings]▶[Bluetooth]▶ ⋮.

Search	Search available devices again.
Rename this device	Rename the terminal which appears on other Bluetooth devices.
Show received files	Display transfer history with other Bluetooth devices.

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.

1 From the Home screen, ⊞▶[Settings]▶[Bluetooth].

2 Tap the Bluetooth device name to pair▶Check a passkey on the "Bluetooth pairing request" screen▶[PAIR].

■ When pairing request is sent from a Bluetooth device

Check a passkey on the "Bluetooth pairing request" screen, then tap [PAIR].

❖Information

- Make sure that the Bluetooth function and Bluetooth detection function of the target device are on.
- To unpair, tap ⚙ for the Bluetooth device to be unpaired▶[FORGET].

Connecting the terminal with Bluetooth device

1 From the Home screen, ⊞▶[Settings]▶[Bluetooth].

2 Tap the name of Bluetooth device you want to connect.

❖Information

- Tap ⚙ for the name of connected Bluetooth device to check the status of the Bluetooth device or change the settings.
- Up to 7 devices can be connected at the same time. Depending on profile, operation may not be correct or number of devices that can be connected at the same time may be different.

Disconnecting a Bluetooth device

1 From the Home screen, ⊞▶[Settings]▶[Bluetooth].

2 Tap the connected Bluetooth device name.

3 [OK].

- To reconnect, tap the Bluetooth device name.

Sending/Receiving data via Bluetooth function

Turn on Bluetooth function in advance, then pair with Bluetooth devices.

Sending data via Bluetooth function

1 [Bluetooth] from the sharing menu of each application.

2 Tap the other party's Bluetooth device.

Receiving data

1 Send data from a Bluetooth device.

- appears on the status bar.

2 Drag the status bar downwards▶ [Bluetooth: Incoming file]▶ [ACCEPT].

NFC communication

You can send/receive data to/from a device with NFC such as a mobile phone.

- To send/receive data, enable NFC Reader/Writer, P2P function in advance (P.182).
- Place 2 mobile phones in parallel position and point marks to each other. Do not move them until sending/receiving is complete.
- Operations to send/receive and available data to send/receive depend on the compatible applications. Follow the onscreen instructions.

- If the License agreement screen appears when sending/receiving data, read the content and follow the onscreen instructions.
- When pointing marks to each other, sending/receiving may fail. In such case, operate again to send/receive.
- The terminal does not communicate with all NFC devices.
- For notes when holding over the other device, (P.106).

Enabling NFC Reader/Writer, P2P function

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

2 [NFC / Osaifu-Keitai settings]▶Tap of "Reader/Writer, P2P", or drag it right▶[OK].

- "Reader/Writer, P2P" and "Android Beam" are turned on.
- appears on the status bar.

❖Information

- While "NFC / Osaifu-Keitai lock" is set, the NFC Reader/Writer, P2P function cannot be turned on.

Sending/Receiving data by one-touch function

If you use the Android Beam with an Android device with NFC, simple operations allow you to send or receive images, music, photos or videos taken with the terminal.

- Turn on Reader/Writer, P2P function in advance (P.182).

Sending data

1 Display data to send on the screen.

2 Face the marks on the terminal and the receiver's terminal each other.

- "Touch to beam" appears.

3 Tap the screen that has become small.

Receiving data

1 **Perform data sending operation on a sender's terminal.**

2 **Face the marks on the terminal and the receiver's terminal each other.**

- When you receive data, appears on the status bar. Drag the status bar downwards▶Tap [Beam complete] to launch the application associated with the received data. Follow the onscreen instructions.

Selecting NFC Type

1 **From the Home screen, ▶[Settings]▶[More].**

2 **[NFC/Osaifu-Keitai settings]▶[NFC Type].**

3 **Tap any of [FeliCa / Type A / Type B (standard)]/[FeliCa / Type A]/[FeliCa / Type B].**

Connecting to PC

Connect 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 a PC using a microUSB cable

- The following operating systems (OS) are supported.
  - Microsoft Windows 8/8.1
  - Microsoft Windows 7
  - Microsoft Windows Vista
- To operate on Mac, downloading "Bridge for Mac" is required.
  For details on compatible models or recommended system, see the following website.
  http://www.sonymobile.co.jp/support/software/bridge-for-mac/ (in Japanese only)
- Charging starts when the terminal is connected to a PC.

1 Connect the terminal to a PC using a microUSB cable (P.35).

- When you connect microUSB cable for the first time, the driver software for the terminal is installed to a PC. Wait for a while until installation is completed.
- When "Install software" screen appears on the terminal, tap [SKIP] or [CANCEL].

❖Information

- When the terminal is connected to a PC, 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.

Disconnecting the microUSB cable safely

- Do not disconnect the microUSB cable during data transferring. Data may be damaged.

1 Confirm that it is not transferring data, disconnect the microUSB cable.

Connecting DLNA device

Using Wi-Fi function, you can share media files with other client (DLNA : Digital Living Network Alliance) devices.

- Set up a connection (P.148) in advance using the same Wi-Fi network as for the other DLNA devices.

Setting Media server

1 **From the Home screen, ⊞▶[Settings]▶[Xperia™ Connectivity]▶[Media server settings].**

2 **Tap ◯ of "Share media", or drag it right.**
- appears on the status bar.
- Tap [Change server name] to rename the terminal (media server) displayed on a DLNA device.
- To upload media files from DLNA device to the terminal, tap ◯ of "Upload to Xperia™" or drag it right.

3 **Connect the DLNA device to the terminal using an application on the DLNA device.**
- Access request for media server is notified to the terminal.

4 **On the Media server settings screen of the terminal, tap the pending DLNA device▶Set the access level.**
- The DLNA device is registered.
- If you tapped [Allow this time], read the message that appears▶Tap [OK].

5 **Select a media file on your terminal using the DLNA device to play it back.**

Playing media files in the DLNA device with the terminal

Play media files in the DLNA device on the terminal.

1 **From the Home screen, [Music]/[Album]/[Video].**

2 **Flick right from the left edge of the screen▶[Devices]▶Select a device.**

3 **Select a folder▶Select a media file.**

Playing a media file in the terminal with a DLNA device

You can play a media file in the terminal with a DLNA device using Throw function.

1 **From the Home screen, [Music]/[Album]/[Video].**

2 **Tap a file you want to play▶ ⋮ ▶ [Throw].**

3 **Tap a device on the device list.**

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.

Supporting networks

The terminal is Class 5. The terminal works in LTE network, 3G network and GSM/GPRS network service area. Services are also available in countries and areas supporting 3G 850MHz/GSM 850MHz. Check available areas.

Before using the terminal overseas, refer to the following.

- NTT DOCOMO website

❖Information

- For Country codes, International call access codes, Universal number international prefix, supported countries/areas and network operators, refer to DOCOMO International Services Website.

Available overseas service

Main communication services	3G	3G 850	GSM (GPRS)	LTE
Phone	○	○	○	×*2
Message (SMS)	○	○	○	○
Mail*1	○	○	○	○
Browser*1	○	○	○	○

*1 To use data communication during roaming, setting "Data roaming" to ON in Mobile networks is required (P.189).
*2 Calling is available via 3G.

❖Information

- Some services are not available depending on the overseas network operator or network.
- You can confirm the name of the connected network operator on the Quick setting panel (P.45).

Before using overseas

Before leaving Japan

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

Subscription

- Check if you subscribe WORLD WING. For details, contact "General Inquiries" on the last page.

Charging

- For charging, refer to NTT DOCOMO website.

Usage charge

- Overseas usage charges (call and packet communication) differ from those in Japan. For details, refer to NTT DOCOMO website.
- Some applications perform communication automatically. Packet communication charge may be higher. For operations for each application, ask the application provider.

Advance preparation

Network service settings

If you subscribe to network services, you can use network services such as Voice Mail Service, Call Forwarding Service, Caller ID Display Request Service, etc., even overseas. However, some network services cannot be used.

- To use network services overseas, you need to set "Remote operation settings" to activate (P.84). You can set Remote operation settings in the country you stay (P.193).
- Even if the setting/canceling operation is available, some network services cannot be used depending on overseas network operators.

After arriving overseas

When you arrive overseas and turn on the terminal, an available network is automatically set.

Connectivity

When you have set "Search mode" of "Service providers" in "Mobile networks" to "Automatic", optimized network is automatically selected (P.189).

Settings for overseas use

Setting data roaming

To perform packet communication overseas, setting "Data roaming" to ON in Mobile networks is required.

1 **From the Home screen, ⊞▶[Settings]▶[More]▶[Mobile networks].**

2 **Tap ◯ of "Data roaming", or drag it right▶Read the notes and tap [OK].**

Setting a network operator

By default, the terminal automatically searches available network and connect to it. To switch network manually, set as follows.

1 **From the Settings screen, ⊞▶[Settings]▶[More]▶[Mobile networks]▶[Service providers].**
- If the note appears, tap [OK].

2 **[Search mode]▶[Manual].**
- To display available networks, tap [Search networks].

3 **From "AVAILABLE NETWORKS", mark a network to use.**

❖**Information**
- If you cannot search networks, disable mobile data communication (P.151) and then search again.
- 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 return to "Automatic", tap [Automatic] in Step 2.

Setting the preferred network type

1 **From the Settings screen, ⊞▶[Settings]▶[More]▶[Mobile networks]▶[Preferred network type].**

2 **Tap any of [LTE (preferred)/3G/GSM]/[LTE/3G]/[3G/GSM]/[3G only]/[GSM only].**
- If you select "LTE (preferred)/3G/GSM" to switch available network automatically.

Date & time settings

When "Automatic date & time", "Automatic 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.173)

About inquiries

- For loss or theft of the terminal or docomo nano UIM card, immediately contact DOCOMO from the spot to take the necessary steps for suspending the use. For inquiries, refer to the last page. Note that you are still liable for the call and communication charge incurred after the loss or theft occurred.
- For using from land-line phone, entering "International call access code" or "Universal number international prefix" for the country is needed.

Making/Receiving a call in the country you stay

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 log.

Making a call to outside country you stay (including Japan)

You can make a call from overseas using the international roaming service.

- You can easily make international calls from the country you stay to Japan or to other countries by entering prefix "+" and then the country code and phone number.

1 From the Home screen, ▶"Dial" tab.

2 **Dial + (touch and hold [0])▶Enter Country code, Area code (City code), a phone number in the order.**

- If the area code begins with "0", omit "0". However, "0" may be required to dial to some country or area such as Italy.
- To call an overseas "WORLD WING" user, enter "81" (Japan) for the country code.

3 **.**

- When "Auto conversion" in International dial assist is marked (P.193), the international dial assist screen appears when sending. To make a call to Japan, tap [Call].

4 **When the call is finished, .**

Making a call within the country you stay

You can make a call by entering the phone number of the other party's land-line phone or mobile phone in the same way you do in Japan.

1 **From the Home screen, ▶"Dial" tab.**

2 **Enter a phone number.**

- To make a call to land-line phone, enter the area code (city code) + other party's phone number.

3 **.**

- When "International dial assist" screen is displayed, tap [Call original].

4 **When the call is finished, .**

Making a call to WORLD WING user overseas

When the other party uses international roaming service, make a call as an international call to Japan even when you stay in the same country as the other party.

Receiving a call in the country you stay

You can receive a call using the international roaming service.

1 **While receiving a call, drag (left) to (right).**

2 **When the call is finished, .**

❖**Information**

- When you received a call during the international roaming, regardless of which country the call is from, it is forwarded internationally from Japan. A caller is charged for a call fee to Japan, and the receiver is charged for a reception fee.

Making a call from the other party

Having someone make a call from Japan to the country you stay.

To have the other party make a call from a land-line phone or mobile phone in Japan to the terminal in the country you stay, the other party only needs to dial the phone number as in Japan.

Having someone make a call from other than Japan to the country you stay

You have to receive a call through Japan no matter where you are; therefore, the other party needs to enter the international call access code and "81" (Country code of Japan).

International access code - 81 - 90 (or 80, 70) - XXXX - XXXX

International roaming settings

Make settings for using international roaming or international calls.

- For some overseas network operators, settings may not be made.

1 **From the Home screen, ▶ .**

2 **[Call settings]▶[Roaming settings].**

Restricting incoming calls	Set whether to restrict incoming calls during international roaming.
Incoming notification on roaming	Set whether to notify with SMS if you cannot receive calls because of out of service etc. during international roaming.
Roaming guidance	Set whether to notify the caller of international roaming.
International dial assist	P.193
Network service	P.193

Setting International dialing assist

1 From the Home screen, ▶ .

2 [Call settings]▶[Roaming settings].

3 [International dial assist].

Auto conversion	International prefix or country code is automatically added.
Country code	[OK]▶Select a country code which will be used for auto conversion.
International prefix	[OK]▶Select an international prefix which will be used for auto conversion.

Setting Network service (overseas)

Set network service such as voice mail from overseas.

- You need to set "Remote operation settings" to activate in advance (P.84).
- If you make the settings overseas, you are charged a call fee to Japan from the country you stay.
- For some overseas network operators, settings may not be made.

1 From the Home screen, ▶ .

2 [Call settings]▶[Roaming settings].

3 [Network service]▶Select a target service.

Remote operation (charged)	Set whether to start Remote operation.
Caller ID request (charged)	Set whether to start Caller ID display request service.
Incoming call notific. (charged)	Set whether to start Incoming notification on roaming.
Roaming guidance (charged)	Set whether to start Roaming guidance.
Voicemail (charged)	Set whether to start Voice mail service. Select a target operation.
Call forwarding (charged)	Set whether to start Call forwarding. Select a target operation.

4 [OK]▶Operate according to the guidance.

After returning to Japan

When you return to Japan, the terminal is connected to DOCOMO network automatically. If connection is failed, perform the following operations.

- Set "Preferred network type" to "LTE (preferred)/3G/GSM" (P.189).
- Set "Search mode" to "Automatic" in "Service providers" (P.189).

Troubleshooting

Troubleshooting

- First, check if the software update is necessary for the terminal. If necessary, perform the software update (P.206, P.210).
- When checking the following items not to improve the state, contact the phone number given in "Repairs" the last page of this manual (in Japanese only) or DOCOMO-specified repair office.

Power supply

Cannot power on the terminal.

- Check if the battery is not run out.→P.31

Screen is frozen, the power cannot be turned off.

- When the screen freezes or the power cannot be turned off, open the docomo nano UIM card/microSD card slot cover▶Press and hold yellow OFF button for approximately 3 seconds and release it when the terminal vibrates 3 times to force stop. Alternatively, press ⏻ and volume up key simultaneously for approximately 3 seconds and release them when the terminal vibrates 3 times to force stop.

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

Charging

Cannot charge (The notification LED does not turn on, or the icon does not indicate charging status.)

- Check if the adapter's power plug or cigarette lighter plug is correctly inserted to an outlet or cigarette lighter socket.
- Check if the adapter cable and the terminal are set correctly.→P.34
- When using the AC adapter (optional), check if the microUSB plug of the AC adapter is connected to the terminal correctly.→P.34
- When using Micro USB Cable 01 (optional), check if the 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.31

Terminal operation

Become hot while operating/charging.

- While calling, depending on the radio wave condition or call duration time, the terminal may become hot around the earpiece/speaker. This condition is not abnormal.
- While operating or charging, or if you watch TV, record video, etc. for a long time while charging the battery, the terminal, internal battery or adapter may become hot. There is no problem about operation and continue to use it.

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.
- The operating time of the battery varies depending on the operating environment and the degradation level of the internal battery.→P.31
- The internal battery is a consumable part. Each time it is charged, time available with each charging reduces.
  If the operation time becomes too short with fully charged state, contact "Repairs" on the last page (in Japanese only) or a DOCOMO-specified repair office.

Operations are not possible when tapping or pressing keys.

- Check if the power is turned off.→P.36
- Check if you activate the screen lock.→P.168
- When you touch the screen at a right angle by gloved finger with "Glove mode" ON, operation may not be performed well. Use a ball of finger to touch the screen for operation.→P.158

The screen reacts slowly when you tap or press keys.

- When large amount of data is saved in the terminal or transferring large-size data between the terminal and microSD card, the reactions on the screen may be delayed.

The docomo nano UIM card is not recognized.

- Check if the docomo nano UIM card is attached in the right direction.→P.29

The clock is not on time.

- The clock time may become wrong when the power is turned on for a long time. Check if "Automatic date & time" and "Automatic time zone" are ON and turn the power off and on in a place with strong radio wave conditions.→P.173

The terminal operation is unstable.

- Instability may be caused by applications that you installed after purchasing the terminal. If the symptom is improved when you boot the terminal in safe mode (near default state), uninstalling the installed application may improve the symptom.
  To boot the terminal in safe mode, press and hold ⏻ for over a second with the terminal OFF until XPERIA logo appears, and then touch and hold the volume down key. 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.
  Alternatively, with the power on, press and hold ⏻ for over a second▶Touch and hold [Power off]▶Tap [OK] to restart the terminal in Safe mode.

* Back up the necessary data before using safe mode.

* Some widgets that you created may be removed.

* Safe mode is not a normal booting state. To use ordinarily, exit the safe mode.

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.163

Phone call

Cannot make a call even if you tap .

- Check if you activate Airplane mode.→P.153

The ringtone does not sound.

- Is "Ring volume" set to silent?→P.160
- Check if the following functions are activated.
  - Silent mode→P.40
  - Airplane mode→P.153
- Is the ring time for Voice mail service or Call forwarding service "0 sec"?→P.84
- Check if Pick up after in Answering Machine is set to 0 second.→P.83
- Check if you set call rejection.→P.84, P.85

Cannot call (Even when moving, ◢ does not disappear, or although radio waves are enough, making/receiving calls is unavailable.)

- Turn the power OFF and ON, or remove and attach docomo nano UIM card.→P.29, P.36
- 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 rejection.→P.84, P.85
- 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.

An application activates when dialing

- If you dial to a phone number subject to モバイルセレクト (Mobile select), モバイルセレクト (Mobile select) application activates. Follow the onscreen instructions.

Display

The display is dim.

- Check if Sleep is set in short time period.→P.158
- Check if the brightness of screen is changed.→P.158
- When "Adaptive brightness" is ON, screen brightness is changed according to the ambient brightness.→P.158
- Check if Low battery mode in Power management is ON.→P.162
- Check if you cover the Proximity sensor with a sticker etc.→P.27
- When the temperature of the terminal becomes high while using, the display may become darker. It is not abnormal.

Sound

During a voice call, the distant party's voice is hard to listen to or too loud.

- Check if the listening volume is changed.→P.81
- Set the equalizer to adjust sound quality during a call.→P.85
- Enable Slow talk to make the caller's voice clear to understand.→P.85

Mail

Mail is not received automatically.

- Check if you set "Check frequency" in Email account settings to "Manual".→P.96

Camera

Still pictures and video taken with the camera are blurred.

- Check if clouds, dirt or film attach to the lens of camera.
- Use "Superior auto" for the capturing mode.→P.123
- When the capturing mode is set to "Manual", you can focus on using Focus mode.→P.128
- Set Image stabilizer/SteadyShot™ and shoot.→P.129
- To shoot a portrait image, use "Face recognition".→P.133

Photo or video shot with flash is whitish.

- If there is your finger or cover around the camera lens, flash light may reflect and affect photo or video shooting.

TV

Unable to watching Full seg/1Seg.

- Are you out of terrestrial digital TV broadcasting service area or in a place where airwave is weak?
- Check if channels in the current location are saved.→P.117

Osaifu-Keitai

Osaifu-Keitai function is unavailable.

- When activating Omakase Lock, Osaifu-Keitai functions are unavailable regardless of the NFC/Osaifu-Keitai lock settings.
- Check if NFC/Osaifu-Keitai lock setting is set.→P.106
- Check if you place mark of the terminal over an IC card reader?→P.106

International roaming

Cannot use the terminal overseas (when is displayed)

- Do you subscribe WORLD WING?
  Check if you subscribe WORLD WING.

Cannot use the terminal overseas (when is displayed)

- Check if you are out of the international roaming service area or in an area with poor signal strength. Check if the service area and network operator are available or not, refer to DOCOMO International Services Website.
- Change the network settings or overseas network operator settings.
  - Set "Preferred network type" to "LTE (preferred)/3G/GSM". →P.189
  - Set "Search mode" to "Automatic" in "Service providers".→P.189
- Turning the power off and on may solve the problem.→P.36

Cannot perform data communication overseas.

- Turn on "Data roaming". →P.189

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 exceeding the limit of maximum charges for use, pay the charges.

Cannot receive calls overseas.

- Is "Restricting incoming calls" set to "Activate restriction"?→P.192

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 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

Data transfer is not performed.

- Check if USB hub is used. If you use USB hub, operations may not be performed correctly.

Data saved in microSD card is not displayed.

- Remove and attach the microSD card.→P.176

When trying to display an image, "×" appears instead of it.
Or "×" appears for the demo play or the preview function.

- "×" may appear instead of destroyed image data.

Bluetooth function

The terminal cannot be connected to a Bluetooth communication device/A Bluetooth communication device cannot be found from the terminal.

- Make Bluetooth communication device (commercial item) registering stand-by state and then register the device on the terminal. If you delete already registered device and register the device again as a new device, delete the registrations on both Bluetooth communication device (commercial item) and the terminal and then perform registration of the devices. →P.180

Calls cannot be made from the terminal connecting to 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

An external device connected using microUSB cable or MHL cable is not recognized.

- Remove the external device and then connect it again, then [Detect USB device]▶[OK].→P.153
  However, some devices may not be detected.

Map/GPS

Cannot set AUTO-GPS service information.

- Check if the battery level is low and AUTO-GPS function stops.
  If AUTO-GPS stops due to "Low-power operation settings", AUTO-GPS service information cannot be set. In this case, set "Low-power operation settings" to "Not suspend" or charge the battery. →P.31, P.164
- Check if "AUTO-GPS operation settings" is marked.→P.164

Error messages

● **No service**

- The terminal is out of service area, or the received signal is too weak. Move to a location where radio signal can be reached.
- The docomo nano UIM card is not working properly.
  Insert the docomo nano UIM card in another terminal. If this works, it is probably the terminal that is causing the problem. In this case, contact "Repairs" on the last page of this manual (in Japanese only).
  Removing and inserting docomo nano UIM card may solve the problem.

● **Mobile network not available**

Install docomo nano UIM card correctly (P.29), then move to a location where radio signal reaches.

● **Normal calls are restricted by access control.**

Appears when normal voice call service is hard to receive because communication lines are busy.

● **Emergency calls are restricted by access control.**

Appears when emergency voice call service is hard to receive because communication lines are busy.

- **All calls are restricted by access control.**
  Appears when normal/emergency voice call service is hard to receive because communication lines are busy.
- **Restricted access changed**
  Appears when the voice service or data service is not received.
- **SIM card is locked**
  Enter your PIN code (P.167) correctly.
- **SIM card is PUK-locked**
  Enter your PUK (Personal Unblocking Key) (P.168) correctly.
- **PIN lock disable code is locked.**
  PIN lock disable code is locked. Please contact a docomo Shop.
- **Memory is getting low**
  Available memory space in the terminal is low. If you continue to use the terminal, some functions or applications may not work. Activate the setting screen and select unnecessary applications, then tap [UNINSTALL] to delete the applications (P.163).
- **Memory full.**
  There is no memory space in the microSD card. Delete unnecessary data (P.178) to save the memory space.

あんしん遠隔サポート (Anshin Enkaku Support)

By sharing screens of your terminal with NTT DOCOMO, you can receive technical support to make settings, use applications, or connect peripheral devices such as PC. (in Japanese only).

- This service is not available when your docomo nano UIM card is not inserted, during international roaming, or in Airplane mode.
- Anshin Enkaku Support is a service requiring subscription.
- Some operations and settings are not supported.
- For details on Anshin Enkaku Support, refer to NTT DOCOMO website.

1 Call あんしん遠隔サポートセンター (Anshin Enkaku support center).

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)]▶[このスマートフォンから発信する (Make a call from this smartphone)]▶Tap .

2 **From the Home screen, ⊞▶[遠隔サポート (Enkaku support)].**

- When you use for the first time, agree to "アプリケーション・プライバシーポリシー (Application privacy policy" and "ソフトウェア使用許諾書 (License Agreement)".

3 **[遠隔サポートの接続画面に進む (Go to Enkaku support connection screen)]▶[同意する (Agree)].**

4 **Enter connection number notified by DOCOMO.**

5 **Enkaku support starts when you are connected.**

Warranty and After Sales Services

Warranty

- Make sure that the warranty is received with the terminal upon purchase. Check to be sure that "販売店名･お買い上げ日 (the name of the retailer, date of purchase)", and other items have been filled out on the warranty before storing it in a safe place. If any necessary information is not provided, immediately contact the retailer and request to complete the warranty. The terminal comes with a year's free warranty starting from the date of purchase.

* TV/Mobacas antenna cable SO02 is not covered by the cost-free repair warranty.

- Specifications or outer appearance of the terminal and the accessories are subject to change for improvement without prior notice.
- Data saved in the Contacts etc. may be changed/lost due to the trouble/repairs or handling of the terminal. DOCOMO recommends making a copy of the Phonebook data etc., in case.

* You can save Phonebook data in a microSD card inserted to the terminal.

* Data such as phonebook entries can be backed up by using docomo cloud.

After Sales Services

If you have problems with the terminal

Before asking repair, see "Troubleshooting" (P.195) in this manual to check the problem. If the problem still persists, contact "Repairs" on the last page (in Japanese only).

If repair is required resultingly

Bring the terminal to the DOCOMO-specified repair office. However, it must be taken during business hours of the repair office. Make sure to bring a warranty card with the product when you visit the shop. Note that repair may take some days depending on the problem.

* Recycled parts which meets DOCOMO quality standard may be used for repairs.

Within the warranty period

- We repair the terminal free of charge based on the terms documented in the warranty.
- When requesting a repair, make sure to bring the warranty card with the terminal. Repair requests that are not accompanied by the warranty, that involve malfunction and damage due to incorrect handling by the owner (damage of headset jack, microUSB connection jack, liquid crystal, etc.), or for the terminal once repaired in a repair office other than one specified by DOCOMO will only be repaired at the owner's expense, even if the warranty period is still effective.
- Malfunction due to use of devices and consumable parts other than those specified by DOCOMO will only be repaired at the owner's expense, even if the warranty period is still effective.

Note that repair may be refused in the following cases:

- When the terminal has corrosion due to wet by liquid, condensation, perspiration, etc. or the internal circuit board is damaged or deformed (we may not be able to repair when the headset jack, microUSB jack, liquid crystal, etc. is damaged or the frame itself is cracked) based on the result of our examination.

- The terminal has been repaired by a repair office other than the DOCOMO specified one.
  * Even if repair is possible, it will be done at the owner's expense, as this type of corrosion or damage is not covered by the warranty.

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.
However, depending on the defective portion, repair may not be possible because of a shortage of repair parts. Note that repair may still be possible depending on the defective portion even if the stock period has expired. Contact "Repairs" on the last page (in Japanese only).

Precautions

Never modify the terminal or accessories.

- Doing so may result in fire, injuries or malfunctions.
- The modified terminal may be repaired only if the owner agrees on that all the modified parts are restored to the original conditions.
  However, repairs may be refused depending on the modifications.
  The following cases may be considered as modifications.
  - Put a seal etc. on the liquid crystal 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.

Do not remove the inscription sticker on the terminal.

- Note that if the inscription sticker is removed or is replaced with a different sticker, it may disqualify the terminal from repairs.

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.

- After the repair, Wi-Fi MAC address or Bluetooth address may be changed regardless of the repaired parts.
- Materials that generate magnetic fields are used in the following parts of the terminal. Do not hold an object that is easily affected by magnetism, such as a cash card, close to the terminal. You may not be able to use the card any more.
  Where they are used: Microphone/Speaker, Earpiece/Speaker
- The terminal is waterproof. If inside of the terminal gets wet or moist, however, turn the power off, then bring the terminal to a repair office as soon as possible. Note that repair may not be possible depending on the condition of the terminal.

Precautions on memory dial (Phonebook function) and downloaded data

Note that data you created or data you retrieved or downloaded from sources other than your terminal may be changed or lost when you change the model or have repairs done to the terminal. DOCOMO shall have no liability for any change or loss of any kind. Under some circumstances, DOCOMO may replace your terminal with its equivalent instead of repairing it.

Software Update

Software Update

Software update is a function to connect to the network to check if software update is required, then download the update file and install it as required.
When update is needed, you can check (Software Update) in the status bar or information on the NTT DOCOMO website.
Software update includes the following, etc.
To use the terminal in safety and more comfortably, be sure to update to the latest version.

- Improving and adding functions
- Operability enhancement
- Improving quality
- Security patch update

❖Information

- Updating can be done with data saved to the terminal; note that 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. However some data may not be backed up.

Notes

- When the software is updated, restoring the previous software is not possible.
- When performing update, the private information concerning the terminal (model, serial number, etc.) is automatically sent to the server of DOCOMO. DOCOMO does not use the sent information for purposes except software update.
- For using packet communication via FOMA/Xi, communication charge is not applied for downloading.
- For the update using packet communication, docomo nano UIM card provided at subscription to DOCOMO is required. For some updates, subscription to sp-mode may be required to use packet communication.
- Making/Receiving calls, communication functions and other functions are disabled while installing.
- All key operations are disabled while installing and the installation cannot be stopped on the way.
- When the update is complete, the terminal restarts.
- When the update is performed, some settings are 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 update failed and all operations become disabled, please contact a DOCOMO-specified repair office.
- Messages (SMS) sent while updating are stored in the SMS center.
- Performing update may take time.
- Updating is unavailable in the following cases.
  - During a call
  - When 圏外 (out of service area) is displayed
  - Tethering in use as an access point
  - When date and time are not set correctly
  - When the remaining battery is not sufficient
  - When the remaining memory is not sufficient
  - When the basic software is altered illegally.
- Exit from all applications before performing update.
- Upgrade Android software with the battery fully charged.
- Do not turn off the terminal while updating.
- Stay in a place with strong radio wave condition when downloading. The update may be canceled if the radio wave condition is not good enough.

- If you start download via Wi-Fi, stay within the Wi-Fi area to complete downloading. When downloading is interrupted due to disconnection of Wi-Fi, "Download stopped. 【Reason】 No Service" may appear on the screen even if the communication is available via Xi/FOMA. In that case, download again within Wi-Fi area.
- If an update is not needed, "No upgrade is needed. Use it as it is." appears.

Updating software

When an update is needed to the terminal, update file is downloaded and the installation is reserved automatically. After that (Software Update) is notified in the status bar.

- By default, setting for auto-reserving of installation is "ON".
- Depending on update, installation may not be reserved. You need to perform the installation by yourself in that case. Drag the status bar down ▶ Tap a notification ▶ Tap [install].
- To change the auto-update setting, from the Home screen, ▶ [Settings] ▶ [About phone] ▶ [Software Update] ▶ Tap of "Auto Update" or drag it right.
- When "Auto Update" is ON, perform operation of "When the icon does not appear in the status bar" (P.208).

Changing reserved time for the installation

You can change the reserved time.

- Perform installation immediately
  Drag the status bar down ▶ Tap the notification ▶ Tap [Start Update].
- Changing the reserved time
  Drag the status bar down ▶ Tap a notification ▶ Tap [CHANGE START TIME] ▶ Enter time ▶ Tap [Change].
  If you do not change the reserved time, tap [OK] to return to the Home secreen.

When the icon does not appear in the status bar

Perform the update as follows.

1 From the Home screen, ▶[Settings]▶[About phone]▶[Software Update] ▶ [Start Update].

- Download starts.

2 After a message for installation start appears, the installation starts automatically in approximately 10 seconds.

- Tap [OK] to start installation soon.

Depending on update, a confirmation screen for performing update appears after [Start Update] is tapped. When the confirmation screen appears, operate the following steps.

① Select a upgrading method.
- "Perform now (only via Wi-Fi)" : Immediately download the update file via Wi-Fi connection.
- "Perform at scheduled time (via Wi-Fi/Xi)"*2 : Download the update file via Wi-Fi connection or Xi/FOMA at the time that is reserved automatically.

* If downloading via Xi/FOMA is not available, "Perform at scheduled time (only via Wi-Fi)" appears.

② [Download and install]/[Download].
- "Download and install" : After downloading is complete, the installation is performed automatically.
- "Download" : Even when downloading update file is complete, the installation is not performed automatically. To install, perform installation by yourself.

❖Information

- When the latest software is already applied to the terminal, "No upgrade is needed. Use it as it is." appears.
- If downloading stops halfway, data downloaded before interruption is retained for up to 14 days. To resume downloading, resume from (Download stopped) on the Notification panel.
- When "Perform at scheduled time (via Wi-Fi/Xi)" is selected, time for downloading is automatically set. Start time cannot be changed. If you do not want to download at the automatically-set time, tap [Software Update]▶[Back] to cancel the reservation of downloading. To download update files, from the Home screen, ▶[Settings]▶[About phone]▶[Software Update]▶[Perform now (only via Wi-Fi)].

Updating applications

After the update is done, check if updates for applications are available. Without updating applications, operations may become unstable or functions may not work properly. Be sure to update to the latest version.

- Updating from the notification icon
  When the update is complete, the terminal restarts and the notification icon (Update completed) appears.
  Drag the status bar down▶[Update completed]▶[Next]▶[OK] and then perform updates of applications in the update list.

- Updating from Play Store
  From the Home screen, tap [Play Store]▶Flick right from the left edge of the screen▶[My apps] to check for updates of each application.

❖Information

- For OS version support information on each application, contact the application provider.

Connecting to a PC to upgrade

Install a software for "Software update" beforehand.
For methods of software installation, refer to the following website.
http://www.sonymobile.co.jp/support/ (In Japanese only)

Main specification

The terminal

Product name		SO-03H
Size		Approx. 146 mm (H)× approx. 72 mm (W)× approx. 6.9 mm (T)
Weight		Approx. 144 g
Internal memory		ROM : 32GB RAM : 3GB
External memory compatible		microSD card of up to 2GB microSDHC card of up to 32GB microSDXC card of up to 128GB (as of May, 2015)
Continuous stand-by time	FOMA/3G	Stationary (Auto) : Approx. 480 hours
	GSM	Stationary (Auto) : Approx. 400 hours
	LTE	Stationary (Auto) : Approx. 470 hours
Continuous call time	FOMA/3G	Approx. 810 min.
	GSM	Approx. 650 min.
	VoLTE call (voice)	Approx. 1,180 min.
Charging time		AC Adapter 05 : (Alone) Approx. 150 min. DC Adapter 04 : Approx. 175 min.
Continuous Full seg watching time		Approx. 430 min.

Continuous 1Seg watching time		Approx. 480 min.
Continuous Mobacas watching time		Approx. 500 min.
Display	Type/ Colors	TFT (Triluminos® Display for Mobile) 16,777,216 colors
	Size	Approx. 5.2 inches
	Resolution	1080 (H)×1920 (V) pixels (Full HD)
Image pickup device	Type	Camera : Backside-illumination layered CMOS Front camera : Backside-illuminated CMOS
	Size	Camera : 1/2.3 inches Front camera : 1/5.0 inches
Camera effective pixels		Camera : Approx. 20,700,000 pixels Front camera : Approx. 5,100,000 pixels
Camera recorded pixels (Max.)		Camera : Approx. 20,700,000 pixels Front camera : Approx. 5,000,000 pixels
Zoom		Camera : (Still picture) Max. approx. 8.0x (31 levels), (Video) Max. approx. 8.0x (31 levels) Front camera : —

Still picture recording size	Camera : 5248×3936 (20.7MP 4:3) 5248×2952 (15.5MP 16:9) 3264×2448 (8MP 4:3) 3840×2160 (8MP 16:9) 2048×1536 (3MP 4:3) 1920×1080 (2MP 16:9) Front camera : 2592×1944 (5MP 4:3) 2592×1458 (3.7MP 16:9) 1632×1224 (2MP 4:3) 1920×1080 (2MP 16:9)
Video recording size	Video camera : 3840×2160 (4K 16:9) 1920×1080 (Full HD 16:9) 1280×720 (HD 16:9) 640×480 (VGA 4:3) Front video camera : 1920×1080 (Full HD 16:9) 1280×720 (HD 16:9) 640×480 (VGA 4:3)
Frame rate	Timeshift video : Up to 120 fps Manual (Full HD) : Up to 60 fps Others : Up to 30 fps
Wireless LAN	Compliant with IEEE802.11a/b/g/n/ac (Corresponding frequency band to IEEE802.11n : 2.4GHz/ 5GHz)

Bluetooth	Version	4.1*1
	Radio power	power class 1
	Available communication distance*2	Within approx. 10 m
	Supported profile/ codec*3	HFP, HSP, OPP, SPP, HID, A2DP (LDAC/aptX/SBC), AVRCP, PBAP, PAN (PAN-NAP/PANU), HOGP, MAP, DID
Headset jack	Size	Diameter 3.5 mm
	Pole*4	5-pole

*1 It is confirmed that the terminal and all Bluetooth devices are compliant with Bluetooth standards designated by Bluetooth SIG, and they are authenticated. However, procedures may differ or data transfer may not be possible depending on the device's characteristics or specifications.

*2 May vary by the signal status and/or whether there is an interference between communication devices.

*3 Bluetooth standards for Bluetooth device connection procedure according to the product's applications.

*4 As for 4-pole headset, complied with CTIA standards.

- Continuous stand-by time is an estimate of the stand-by time when radio signal reception is normal. Stationary continuous stand-by time is the estimated average operation time when radio signal reception is normal.
  In certain circumstances, the stand-by time may drop to as low as half the time shown due to the battery charge, function settings, temperature, or radio signal reception in the area (no reception or weak).
- Continuous call time is an estimate of the operation time for calling when radio signal reception is normal.
- A use of the Internet reduces the actual call (communication)/stand-by time.
  Composing messages or activating the camera or applications also reduces call (communication)/stand-by time even if you do not call or use the Internet.
- Charging time is an estimate of the time required to charge a completely empty internal battery. Under low temperature, charging may require longer time.

Internal battery

Battery type	Lithium Ion Battery
Voltage	3.8V DC
Current	2930 mAh

TV/Mobacas antenna cable SO02

Size	Length: approx. 390 mm
Weight	Approx. 8 g

File format (media)

The terminal supports the display or playback of the following file formats:

Type	File format
Sound	WAV (PCM, G.711) (.wav), AAC (.3gp, .m4a, .mp4), AAC+ (.3gp, .m4a, .mp4), eAAC+ (.3gp, .m4a, .mp4), MP3 (.mp3), AMR-NB (.3gp), AMR-WB (.3gp), MIDI (SP-MIDI/GM/GML (.mid), XMF (.xmf), Mobile XMF 1.0 (.mxmf), RTTTL/RTX (.rtttl, .rtx), OTA (.ota), iMelody (.imy)), Ogg Vorbis (.ogg), FLAC (.flac), WMA (.wma), ALAC (.m4a), DSD (.dsf, .dff), Opus (.opus), AIFF (.aiff, .aif, .aifc)
Still image*	JPEG (.jpeg, .jpg), GIF (.gif), PNG (.png), BMP (.bmp), WEBP (.webp)
Video	H263 (.3gp, 3gpp, .mp4, .m4v), H264 (.3gp, .3gpp, .mp4, .m4v, .mnv), H265 (.mp4), MPEG2 (.ts), MPEG4 (.3gp, .3gpp, .mp4, .m4v), VP8 (.webm, .mkv), VP9 (.webm), Xvid (.avi, .xvid, .mkv)

* Still images are saved in JPEG format when shot with Camera in the terminal.

File format (document)

The terminal supports files of the following versions/extensions.

Type	Version/Extension
Microsoft Word	Microsoft Word 97 - 2010/.doc, .docx, .rtf, .txt, .log, .docm, .odt
Microsoft Excel	Microsoft Excel 97 - 2010/.xls, .xlsx, .csv, .xlsm, xlm, .ods
Microsoft PowerPoint	Microsoft PowerPoint 97 - 2010/.ppt, .pps, .pptx, .ppsx, .pptm, ppsm, .odp
PDF	Ver1.4 - 1.7/.pdf

* Some files may not be viewed properly due to corrupted layouts.

Recording time for 1Seg (Estimation)

Recordable time to save to a microSD card (1GB)	Approx. 320 min.

Number of still pictures (Estimation)

Savable number of shot images to the internal storage	Up to approx. 5,200 images
Savable number of shot images to a microSD card (1GB)	Up to approx. 250 images

* Shot images with a resolution of 3264×2448 (8MP) with file size of 4MB.

Time length of shooting video (Estimation)

Savable time of recording to the internal storage	Per video : Up to approx. 157 min. In total : Up to approx. 157 min.
Savable time of recording to a microSD card (1GB)	Per video : Up to approx. 463 sec. In total : Up to approx. 463 sec.

* Time of recording with Video resolution of 1920×1080 (Full HD).

Language

Display language

Japanese/Indonesian/Malay/Sundanese/Bosnian/Catalan/Czech/Danish/German (Germany)/German (Liechtenstein)/German (Austria)/German (Switzerland)/Esthonian/English (Australia)/English (Canada)/English (Hong Kong)/English (India)/English (Ireland)/English (Jamaica)/English (New Zealand)/English (Philippines)/English (Singapore)/English (South Africa)/English (United Kingdom)/English (United States)/Spanish (Argentina)/Spanish (Bolivia)/Spanish (Chile)/Spanish (Colombia)/Spanish (Costa Rica)/Spanish (Ecuador)/Spanish (El Salvador)/Spanish (Spain)/Spanish (United states)/Spanish (Guatemala)/Spanish (Honduras)/Spanish (Mexico)/Spanish (Nicaragua)/Spanish (Panama)/Spanish (Paraguay)/Spanish (Peru)/Spanish (Puerto Rico)/Spanish (Dominican Republic)/Spanish (Uruguay)/Spanish (Venezuela)/Basque/French (Belgique)/French (Canada)/French (France)/French (Switzerland)/Galician/Croatian/Icelandic/Italian (Italy)/Italian (Switzerland)/Javanese/Latvian/Lithuanian/Hungarian/Dutch (Belgium)/Dutch (Netherlands)/Norwegian/Polish/Portuguese (Brazil)/Portuguese (Portugal)/Romanian/Albanian/Slovak/Slovene/Serbian/Finnish/Swedish/Tagalog/Vietnamese/Turkish/Greek/Bulgar/Kazakh/Macedonian/Russian/Armenian/Ukrainian/Marathi/Hindu/Bengalee (Bangladesh)/Bengalee (India)/Tamil/Telugu/Kannada/Malayalam/Thai/Korean/Chinese (Traditional)/Chinese (Simplified)/Chinese (Hong Kong)/Azerbaijani/Belarusan/Kartuli/Tatar

■ Text language (Character entry)

Icelandic/Azerbaijani/Arabic/Albanian/Armenian/Italian/Indonesian/Anglo-Indian/Ukrainian/Esthonian/Dutch/Kazakh/Catalan/Galician/Greek/Kartuli/Croatian/Javanese/Swedish/Spanish/Slovak/Slovene/Sundanese/Serbian/Thai/Tagalog/Tatar/Tamil/Czech/Danish/German/Turkish/Norwegian/Basque/Hungarian/Hindu/Finnish/French/Bulgarian/Vietnamese/Hebrew word/Belarusan/Persian/Polish/Bosnian/Portuguese/Macedonian/Malay/Latvian/Lithuanian/Romanian/Russian/English/Chinese (Traditional)/Chinese (Simplified)/Japanese

■ Text language (Voice input)

By Google voice typing

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].**

2 **[About phone]▶[Legal information]▶[Certificates].**

■ VCCI

The terminal comlies with a technical standards based on VCCI RULES FOR VOLUNTARY CONTROL MEASURES and the mark of conformity is depicted electronically on the screen.

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SIM unlock

This terminal supports SIM unlock. If you release SIM lock, you can use SIM by a carrier other than NTT DOCOMO.

- Available services and functions may be limited. DOCOMO is not liable to any failures or malfunctions.
- For details of SIM unlock procedure, refer to NTT DOCOMO website.

1 **Insert SIM card provided by other company.**

2 **Power on the terminal.**

3 **Enter SIM unlock code ► [UNLOCK].**

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Make various applications, check your subscription, and more online

The terminal: dmenu ⇒ " お客様サポート (Customer support)" ⇒ " ドコモオンライン手続き (docomo online procedures)"
PC: My docomo (https://www.nttdocomo.co.jp/mydocomo/) ⇒ 住所や契約内容の変更手続きがしたい (I want to change my address or subscription)(in Japanese only)

* There are cases where the site may not be available due to system maintenance, etc.
* When using " ドコモオンライン手続き (docomo online procedures)", "Network security code" and "docomo ID and password" 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
Use of the terminal holding with your hand while driving will result in a penalty.
However, absolutely necessary cases such as rescue of a sick person or maintaining public's safety are exempted.

■ In places such as theaters, cinemas, and art galleries
Using the terminal in a public place, where you need to be quiet, annoys people around you.

Keep your voice and ring tone down

■ Keep your voice down in quiet places like restaurants and hotel lobbies.

■ If you are in an outdoor public place, make sure you do not disturb others.

Respect privacy

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

Do not use smartphone while walking

■ Use of smartphone while walking on station platform or road makes your eyesight extremely narrow. It may cause accident.

■ Stop and stay in a safe place and then use smartphone.

Have good manners

【Silent mode】(P.40)
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.84)
Tells the caller via a guidance message that receiver need to turn the power off, and the call ends automatically.

【Vibrate】(P.160)
Vibrates when there is an incoming call.

【Answering Machine】(P.83)
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.84) and Call Forwarding Service (P.84).

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.
NTT DOCOMO website https://www.nttdocomo.co.jp/english/

Repairs

■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))

For loss, theft, malfunction, and inquiries while overseas (24-hour reception)

From DOCOMO mobile phones

International call access code for the country you stay -81-3-6832-6600* (toll free)

*You are charged a call fee to Japan when calling from a land-line phone, etc.
*If you use SO-03H, you should dial the number +81-3-6832-6600
(to enter '+', touch and hold '0').

From land-line phones <Universal number>

Universal number international prefix -8000120-0151*

*You might be charged a domestic call fee according to the call rate for the country you stay.

*For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

●**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.**

Don't forget your mobile phone...or your manners!
◎When using your mobile phone in a public place, don't forget to show common courtesy and consideration for others around you.

Li-ion 00

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携帯電話・PHS のリサイクルにご協力を。

We collect old phones, etc. regardless of brands and manufacturers. Bring them to your nearest docomo Shop.
*Items to be collected: mobile phones, PHS, battery packs, chargers, desktop holders (regardless of brands and manufacturers)

Sales: NTT DOCOMO, INC.
Manufacturer: Sony Mobile Communications, Inc.

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