



XPERIA Z1f SO-02F

INSTRUCTION MANUAL

'13.12

Introduction

Thank you for your purchase of "SO-02F".
For proper use of the SO-02F, read this manual
carefully before and while you use the SO-02F.

About manuals of SO-02F

In addition to this manual, the operations of SO-02F 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.

<http://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-02F is posted in the following website. Be sure to check before using.
http://www.sonymobile.co.jp/support/use_support/product/so-02f/

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.

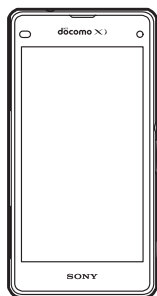
Description	Operation
From the Home screen,  ► [Settings] ► [About phone].	From the Home screen, tap  (Apps button), and then tap "Settings" on the next screen and "About phone" on the following screen in order.
Touch and hold an icon.	Keep touching an icon longer (1-2 seconds).

❖ Information

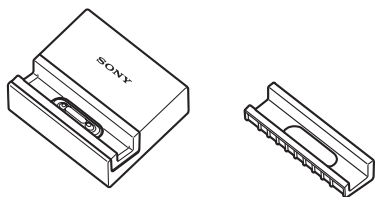
- In this manual, the instructions are described with the default Home screen. If you set the other application to the home screen, the operations may differ from the descriptions.
- Display examples and illustrations used in this manual are just images for explanations and may be different from actual ones.
- In this manual, the easier procedure is described for the functions and settings which have multiple operating procedures.
- Please note that "SO-02F" is called "the terminal" in this manual.
- In this manual, explanations for "docomo" as Home screen are provided (P.59).

Supplied accessories

- SO-02F (with warranty)



- Desktop Holder SO19 (with warranty)



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



- SO-02F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)

- 1Seg antenna cable SO01



Optional devices (P.191)

Contents

■ Supplied accessories.....	2
■ About using the terminal	5
■ Safety Precautions (Always follow these directions)	7
■ Handling precautions.....	16
■ Waterproofness/Dustproofness	22

Before Using the Terminal ... 28

Part names and functions.....	28
docomo mini UIM card	29
Charging	31
Turning power on/off.....	36
Initial settings.....	38
Basic operations	39
Notification LED	42
Status bar	43
Notification panel	45
Home screen.....	46
Xperia™ Application screen	52
Task manager.....	58
Switching Home application	59
Searching information in the terminal and web pages	60
Character entry	61
Setting character entry	66
Setting Xperia™ Japanese keyboard.....	67

docomo LIVE UX 72

Home screen.....	72
Managing the Home screen	72
Application screen.....	75

Phone78

Making/Receiving a call	78
Operations during a call	81
Call history.....	82
Call settings	84
Phonebook	86

Mail/Web browser91

docomo mail	91
Message (SMS).....	91
Email.....	94
Gmail.....	98
Early Warning "Area Mail"	99
Browser.....	100

Apps.....103

dmenu	103
dmarket.....	103
Play Store	103
Osaifu-Keitai	104
1Seg.....	109
FM radio.....	115
Camera	116
Album	128
YouTube	130
Media Player.....	131
Location services.....	133
Schedule.....	136
Alarm & clock.....	137
docomo backup	139

Settings 142

Viewing the setting menu.....	142
WIRELESS & NETWORKS	142
DEVICE.....	151
PERSONAL.....	158
ACCOUNTS.....	165
SYSTEM	166

File management 168

Storage structure.....	168
File operation.....	170

Data communication 172

Bluetooth function.....	172
NFC communication.....	174

External device connection . 176

Connecting to PC.....	176
Connecting DLNA device	179
Connecting to other devices.....	180

International roaming 182

Overview of International roaming (WORLD WING).....	182
Available overseas service	182
Checking before overseas use	183
Settings for overseas use.....	185
Making/Receiving a call in the country you stay	186
International roaming settings.....	188
After returning to Japan.....	190

Appendix/Index..... 191

Optional and related devices	191
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Troubleshooting.....	191
スマートフォンあんしん遠隔サポート (Smartphone Anshin Remote Support)	199
Warranty and After Sales Services	200
Software update	203
Upgrade Android software.....	207
Connecting to a PC and updating	209
Main specification	210
Certificate and compliance	216
Specific Absorption Rate of Mobile Phone, etc.	216
End User Licence Agreement	228
Export Controls and Regulations	229
Intellectual Property Right	230
SIM unlock.....	233
Index	234

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 high upper floors of high-rise apartments or buildings, even if you can see 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 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 and keep it safely. 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.
- You are recommended to save important data to microSD card.
- 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-appli.

- The terminal automatically performs communication for synchronizing data, checking the latest software version, maintain connection with the server, etc. If you transmit a large amount of data such as downloading applications or watching video, a packet communication charge becomes high. Subscription of 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.
- Public mode (Driving mode) is not supported.
- Setting the terminal to the silent mode does not mute sounds for shutter, playback of video or music, alarm, dial pad touch tones during a call, sound emitted when tapping [End call], 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.203, P.209).
- By upgrading Android software, the operating system (OS) may be version-upgraded for improving the terminal quality. 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 docomo mini UIM card. If you have a UIM or FOMA card, bring it to a docomo Shop to replace.
- Set password etc. for screen lock to ensure the security of your terminal for its loss (P.162).
- 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, Google Play, etc., Facebook, Twitter, etc.

- For services provided by Google, refer to Google Terms of Service. For other web services, refer to each terms of service.
- Google application 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.
- Packet communication charge when using tethering varies depending on the charging plan you use. Subscription of packet flat-rate service is highly recommended.
- For details on usage charge, etc., refer to the following website.
<http://www.nttdocomo.co.jp/english/>
- 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:

1. Handling the terminal, adapter, desktop holder, docomo mini UIM card, 1Seg antenna cable (common)	8
2. Handling the terminal	10
3. Handling adapter or desktop holder.....	13
4. Handling the docomo mini UIM card	14
5. Handling the terminal near electronic medical equipment.....	14
6. Material list	15

1. Handling the terminal, adapter, desktop holder, docomo mini UIM card, 1Seg 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 come into the charging jack or microUSB jack.

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



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

Do not allow the charging jack, microUSB jack or headset jack to touch conducting foreign substances (a piece of metal, 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 swallowing or injury.



Do

Be careful especially when using the terminal connected to the adapter continuously for a long time.

If you play a game, watch 1Seg, 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.

Doing so may cause internal battery to ignite, burst, heat or leak.



Don't

Do not stick a nail into the terminal, hit it with a hammer, or step 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 mini 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 in a place where the use is prohibited such as in airplane or hospital.

Failure to do so may affect electronic equipment and electronic medical equipment.

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

Prohibited acts such as mobile phone usage on board an airplane may be punished by law.

If usage of mobile phones in an aircraft is admitted by setting airplane mode, etc., use the terminal under the direction of the airline.

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 such as in an airplane or hospital.



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 followings 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.

Shatterproof film-applied hardened glass is used on the display surface and the acrylic resin is applied on camera lens so as not to be shattered when broken. But they may cause injury if you touch a cut surface or exposed portion mistakenly.



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 1Seg antenna cable, 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.

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 with soap in clear water.



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 adapter or desktop holder

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 or desktop holder in a very humid place such as 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.



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 : AC 100 V

DC adapter : DC 12 V or 24 V (only for a negative-ground vehicle)

AC adapter for global use : AC 100 V to 240 V (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.

Doing 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.

4. Handling the docomo mini UIM card



CAUTION



Do

Be careful of the cut surface when removing docomo mini 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, to turn 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 (cover front side)	PC resin (with 30 % glass)	UV coating
Exterior case (cover back side)	PC resin (with 10 % glass)	UV coating
Exterior case (frame side, docomo mini UIM slot cover, microSD card slot cover, microUSB jack cover)	Aluminum alloy	Anodic oxide coating
Decoration ring (headset jack, power key, camera)	Aluminum alloy	Anodic oxide coating
Power key	Aluminum alloy	Anodic oxide coating
Volume key, camera key	PC resin	UV coating

Part	Material	Surface treatment
Decoration plate (bottom panel)	PC resin	UV coating
Transparent plate (display, back side)	Glass + PET resin	—
Transparent plate (camera)	PMMA resin + PC resin	AR treatment
Desktop holder (upper case, lower case)	ABS resin	—
Desktop holder (attachment, housing)	PC resin	—
Desktop holder (magnet connector)	Neodymium	Nickel plating
Desktop holder (contacts)	Brass	Gold plating
Desktop holder (label)	PS resin	—
Desktop holder (rubber foot)	Polyester resin	—
1Seg antenna cable (headset jack: top, connector plug: top)	PP resin	—
1Seg antenna cable (headset jack: ring, connector plug: ring)	PC resin	—
1Seg antenna cable (headset jack: body, cable, connector plug: body)	Elastomer resin	—
1Seg antenna cable (connector plug: metal section)	Brass	Gold plating

Handling precautions

■ Common precautions

- **SO-02F is waterproof/dustproof, however, do not allow water or dust to seep into the terminal and do not allow accessories or optional devices to get wet or dust.**

The adapter, desktop holder, docomo mini UIM card and 1Seg 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 perspiration 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 damage the connector and cause 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 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°C and 35°C 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 insert the plug of the external device into the microUSB jack or headset jack at the slant or pull it obliquely while connecting.**

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, use the terminal with docomo mini UIM card slot cover, microSD card slot cover and microUSB jack cover closed.**

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 °C to 35°C).**
- **The operating time of the internal battery varies depending on the operating environment and the**

degradation level of the internal battery.

- 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.

■ Precautions on the adapter, desktop holder

- Charge the battery in an environment with the proper ambient temperature (5 °C to 35°C).
- Do not charge in the following places.
 - Places that are very humid, dusty or exposed to strong vibrations
 - Near land-line phone or TV/radio
- The adapter or desktop holder could become warm while 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.
- Magnet is used for magnet connector of the desktop holder. Make sure that any iron sands or metal objects (clips etc.) are not adhered before attaching the terminal. Remove the foreign objects with a soft cloth etc., if any.
- Do not close magnetic card such as cash card, commuter pass, etc. to the magnet connector of the desktop holder. Magnetism for the card may be affected and changed by magnetism of the desktop holder and the card may become unavailable.
- Be sure to install the supplied attachment to the desktop holder for charging. The terminal cannot be charged on the Desktop Holder without attachment. Attachment 35A is attached to the Desktop Holder by default. Attachment 35B only supports terminal covers with "純正卓上ホルダ対応 (Compatible with genuine desktop holders)" mark and the terminal can be charged on the Desktop Holder with a compatible cover attached.

■ docomo mini UIM card precautions

- Do not use unnecessary force to insert/remove the docomo mini UIM card.
- Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using docomo mini UIM card with another IC card reader/writer.
- 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 saved in the docomo mini UIM card 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.

- Take an expended docomo mini UIM card to 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 mini UIM card or subject it to impact.

Doing so may cause malfunction.

- Do not bend a docomo mini UIM card or place a heavy object on it.

Doing so may cause malfunction.

- Do not insert the docomo mini UIM card on which any label or seal is stuck into the terminal.

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. Concern about the communication using the Bluetooth function.
- Please be aware that DOCOMO is not responsible for data leak when making data communications using Bluetooth.

- **Frequency band**

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

2.4FH1/XX8/DS4/OF4

2.4 : This radio equipment uses the 2400 MHz band.

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

1 : The estimated interference distance is 10 m or less.

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

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

■ ■ ■ : The full band between 2400 MHz and 2483.5 MHz is used and the band of the mobile identification device 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 wave reaches. On the other side, if you communicate without appropriate security settings, communications may be intercepted or hacked by malicious parties. It is recommended to make necessary security settings on your responsibility and expense.**

- **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 reader/writer, confirm that there are no radio stations using the same frequency band nearby.
- **For use in an aircraft, contact the airline beforehand. In some countries, usage may be restricted. Confirm regulations etc. for the country/area you stay before using**

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 a handheld mobile phone 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-02F provides waterproofness property of IPX5^{*1}, IPX8^{*2} and dustproofness property of IP5X^{*3} with docomo mini UIM card slot cover, microSD card slot cover and microUSB jack 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-02F 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 IP5X means a degree of protection that a communication device will securely maintain its operability even after it has been placed in an apparatus with grit and dust of diameters of 75 μm or less and shaken for 8 hours.

What you can do with waterproofness/dustproofness of SO-02F

- You can talk without an umbrella in the rain (for rainfall of 20 mm or less per hour).
 - Do not open or close docomo mini UIM card slot cover, microSD card slot cover or microUSB jack cover when your hands are wet or waterdrops are attached to the terminal.
- You can wash the terminal when it gets dirt or stained with liquid other than tap water.
 - Wash the terminal with tap water at normal temperature (5°C-35°C) by weaker water flow (less than 6 L/min.) at distance of approximately 10 cm away from the tap or shower.
 - When washing the terminal, hold the docomo mini UIM card slot cover, microSD card slot cover and microUSB jack cover so as not to open, and wash the terminal with your hands, not using brush or sponge. After washing, drain the terminal before use (P.26).
- You can use at a poolside. Do not throw water from the pool on the terminal, or soak it in pool water.

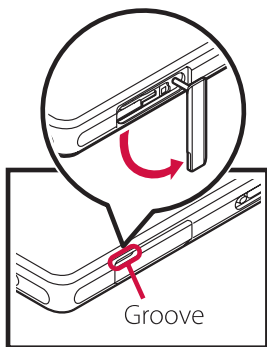
To ensure waterproofness/dustproofness

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

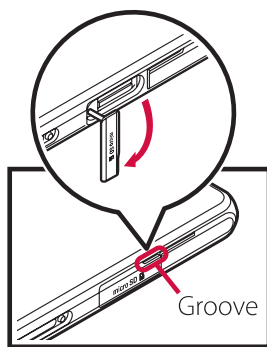
- Do not throw any liquid other than room temperature tap water on the terminal, or soak it in such liquid.
- Firmly close the docomo mini UIM cover, microSD card slot cover and microUSB jack cover. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow water to enter.
- Do not poke the earpiece/notification LED, microphone/speaker, second microphone, headset 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 gaskets of the inner side of the docomo mini UIM card slot cover, microSD card slot cover and microUSB jack cover play important roles for keeping waterproof/dustproof performance. Do not remove or damage them. Also, prevent dust from adhering to them.

■ Opening the docomo mini UIM card slot cover, microSD card slot cover and microUSB jack cover

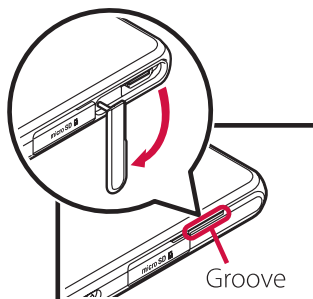
Open the covers with your fingertip by the grooves.



docomo mini UIM card slot cover



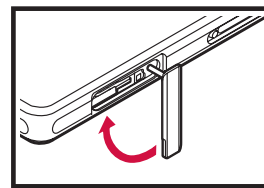
microSD card slot cover



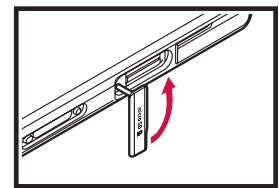
microUSB jack cover

■ Closing the docomo mini UIM card slot cover, microSD card slot cover and microUSB jack cover

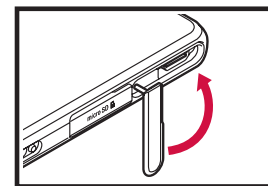
Set back the cover in the direction of the arrow and press it in, then ensure there are no gaps.



docomo mini UIM card slot cover



microSD card slot cover



microUSB jack cover

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

Important precautions

Do not perform actions shown in the illustrations below.

<Example>



Using Soap/Detergent/
Bath powder



Washing with
brush/sponge



Machine-
washing



Applying strong
water flow



Soaking in
ocean water



Using in hot
spring



Attaching
sand/mud

Observe the following precautions to use the terminal properly.

- Accessories and optional devices are not waterproof/dustproof.
- Do not apply water flow stronger than allowed (water flow of 6L/min. or more : e.g., such water flow that gives you pain when applied to your skin directly from a faucet or shower). SO-02F 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/ notification LED, microphone/speaker and second microphone. Such water may interfere with talking.
- If the terminal gets splashed with water or other liquid while the docomo mini UIM card slot cover, microSD card slot cover or microUSB jack cover is opened, the liquid may get inside the terminal causing electric shocks or malfunction. Stop using the terminal, turn off the power and contact a DOCOMO-specified repair office.

- If some or one of the rubber gaskets of the inner side of the docomo mini UIM card slot cover, microSD card slot cover or microUSB jack cover are damaged or deformed, have them replaced at DOCOMO-specified repair office.
- Do not connect 1Seg 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.

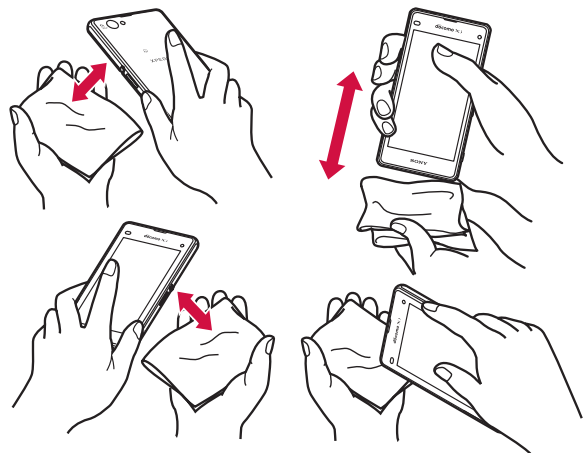
- ① Hold the terminal firmly and wipe off moisture on the terminal surface and back side with dry, clean cloth etc.



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



- ③ Swing the terminal in about 10 times against dry, clean cloth etc. to wipe off water remaining in the earpiece/notification LED, microphone/speaker, second microphone, headset jack, power key, volume key, camera key, contacts for the desktop holder, each cover (docomo mini UIM card slot cover/microSD card slot cover/microUSB jack cover), etc.



- 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.

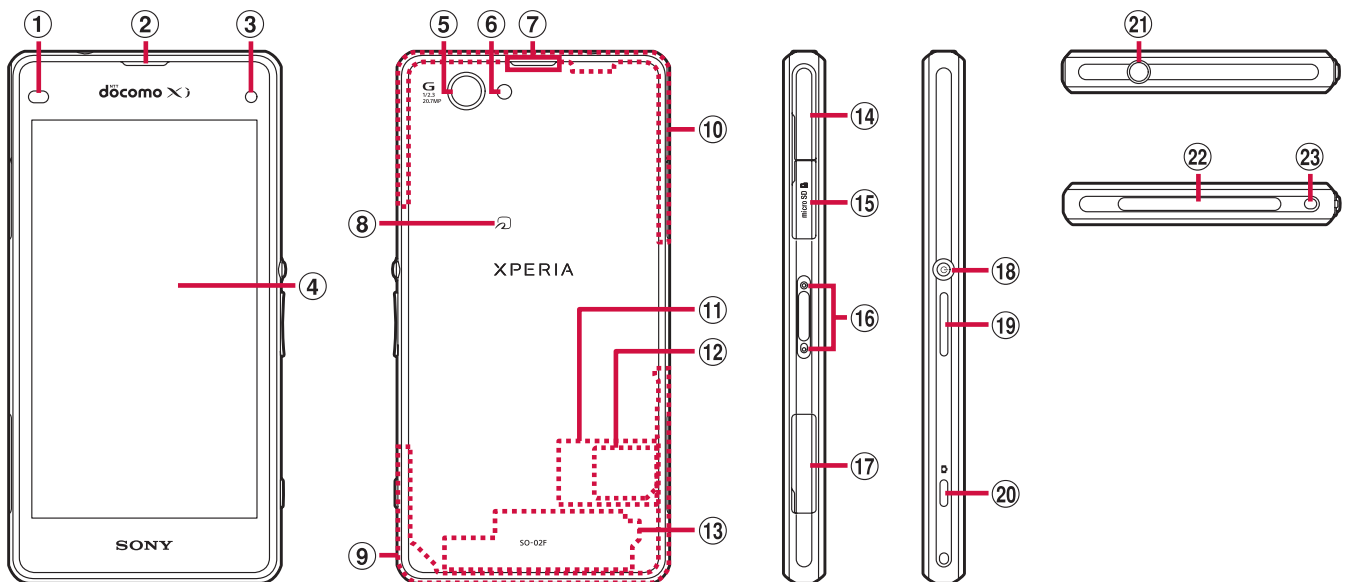
- Dry the terminal naturally for about 3 hours at room temperature.

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., before connecting the supplied desktop holder or opening the microUSB jack cover.
- When the microUSB jack cover is opened for charging, close the cover firmly after charging. It is recommended to use the desktop holder for charging to prevent water or dust from seeping inside through the microUSB jack.
- Do not use the AC adapter or desktop holder in a bathroom, shower room, kitchen, lavatory or other highly humid area. Doing so may cause fire or electric shock.
- Do not touch the AC adapter or desktop holder with wet hands. Doing so may cause electric shock.

Part names and functions



- ① 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.
- ② Earpiece/Notification LED
- ③ Front camera lens
- ④ Touch screen
- ⑤ Camera lens
- ⑥ Flash/Photo light
- ⑦ Second microphone : Reduce noise to make voice to be listened easily.
- ⑧  mark
- ⑨ FOMA/Xi antenna section^{*1}
- ⑩ FOMA/Xi/GPS antenna section^{*1}
- ⑪ Nameplate^{*2}
- ⑫ docomo mini UIM card
- ⑬ Wi-Fi/Bluetooth antenna section^{*1}

- ⑭ microUSB jack : Use for charging or MHL connection.
- ⑮ microSD card slot
- ⑯ Contacts for Desktop holder
- ⑰ docomo mini UIM card slot
- ⑱ Power key/Screen lock key
- ⑲ Volume key/Zoom key
- ⑳ Camera key
- ㉑ Headset jack
- ㉒ Microphone/Speaker
- ㉓ Strap hole

^{*1} Antenna is built into the terminal. Covering around the antenna with your hand may affect the communication quality.

^{*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 mini UIM card

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

- You can use the terminal with docomo mini UIM card. If you have a UIM or FOMA card, bring it to a docomo Shop to replace.
- When docomo mini UIM card is not inserted to the terminal, making calls, packet communication, etc. are not available.
- For details on docomo mini UIM card, refer to the docomo mini UIM card manual.
- When inserting/removing the docomo mini UIM card, make sure to power off the terminal (P.36).
- Opening/closing docomo mini UIM card slot cover (P.23)

■ Security codes of the docomo mini UIM card

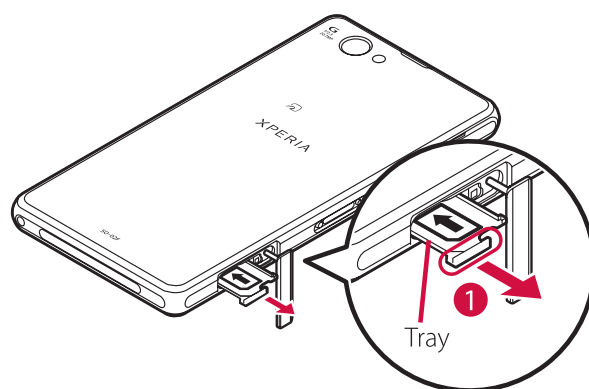
There is a security code called PIN code in the docomo mini UIM card. The code is set to "0000" at subscription, which you can change by yourself (P.162).

❖Information

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

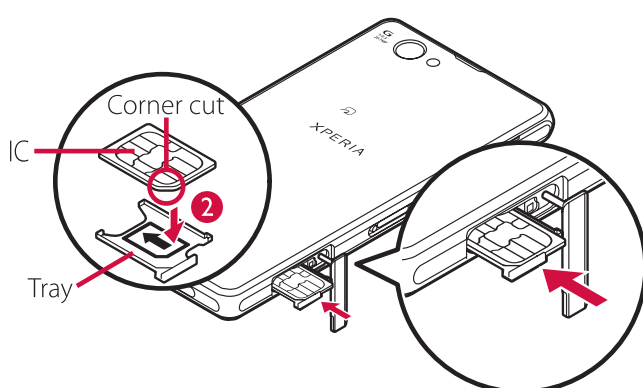
Inserting docomo mini UIM card

- 1 Open the docomo mini UIM card slot cover, then hook your fingertip on the projection part of the tray (1) to pull the tray straight out to remove it from the terminal.**

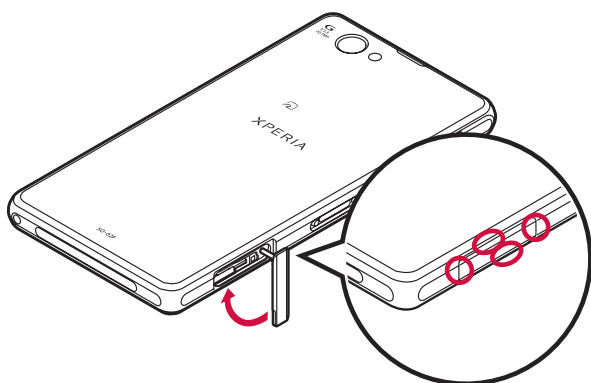


2 Set docomo mini UIM card into the tray with IC facing up (2), then insert the tray with the card and press it all the way into the terminal.

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



3 Close the docomo mini UIM card cover, firmly press the cover and make sure that there are no gaps between the terminal and cover.

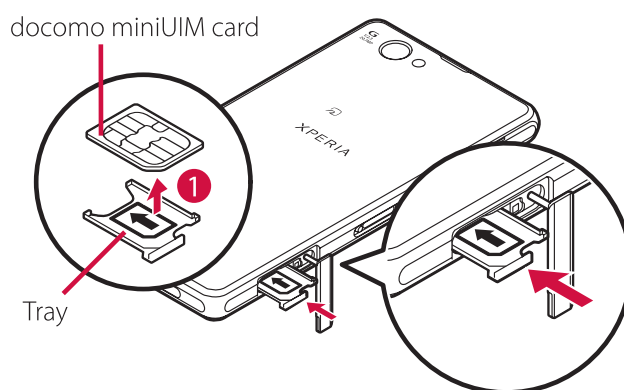


Removing docomo mini UIM card

1 Open the docomo mini UIM card slot cover, then hook your fingertip on the projection part of the tray to pull the tray straight out to remove it from the terminal.

2 Remove the docomo mini UIM card from the tray (1), 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 mini UIM card slot cover, firmly press the cover and make sure that there are no gaps between the terminal and cover (P.30).

Charging

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

- Estimated charging time (P.211)

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.213)

Continuous stand-by time	FOMA/3G	Stationary (Auto) : Approx. 500 hours
	GSM	Stationary (Auto) : Approx. 410 hours
	LTE	Stationary (Auto) : Approx. 450 hours
Continuous call time	FOMA/3G	Approx. 580 min.
	GSM	Approx. 600 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 1Seg 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

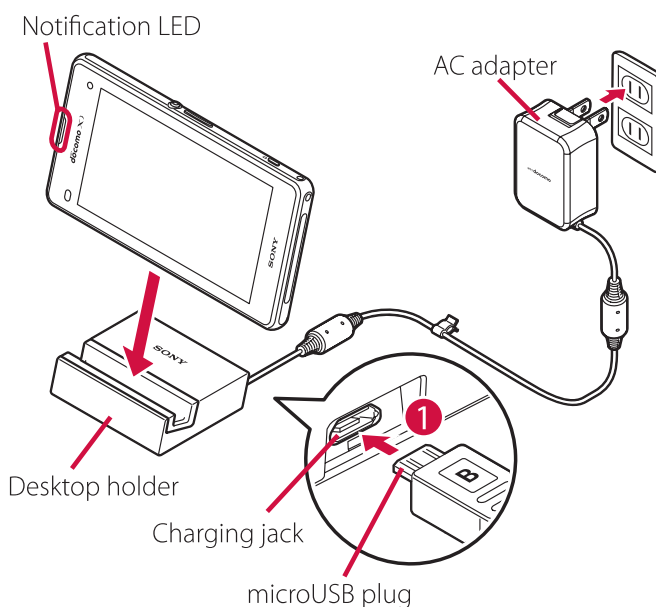
- It is recommended to use the AC Adapter 04 (optional) for charging. For details on AC Adapter 04 (optional), see AC Adapter 04 (optional) manual.
- The AC Adapter 04 (optional) is compatible with AC 100 V to 240 V. For using the terminal overseas, a plug adapter that fits the electrical outlets in 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 (P.191). 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".
- When you start charging with the terminal powered off, the power turns on. However, you cannot operate the terminal. Power off the terminal in a place where the use is prohibited such as in airplane or hospital for this reason.

Charging with Desktop Holder

When using supplied Desktop Holder SO19 and AC Adapter 04 (optional) for charging, do the following procedures.

- Be sure to attach the supplied attachment (Attachment 35A or Attachment 35B) to the Desktop Holder when charging (P.33). The terminal cannot be charged on the Desktop Holder without attachment.

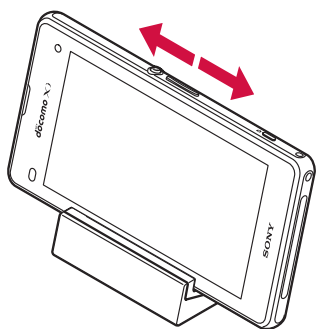


- 1 Insert a microUSB plug of the AC adapter into the charging jack on the back side of the desktop holder with the engraved side (B) facing up (1).**

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

3 Install the terminal to the Desktop Holder and move it left or right until it clicks.

- When the terminal and the Desktop Holder are correctly connected, the notification LED of the terminal turns on (P.42).

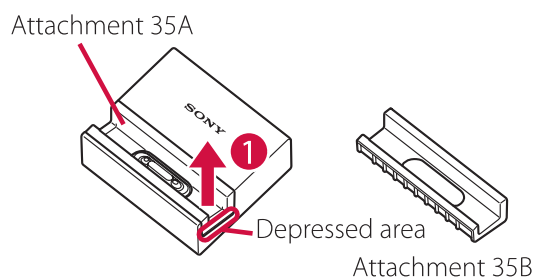


4 When charging is complete, holding the desktop holder, lift the terminal up to remove.

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** Put your fingertip into the groove on the one side of the attachment, lift it up at a slant while pressing the desktop holder, then remove it (1).

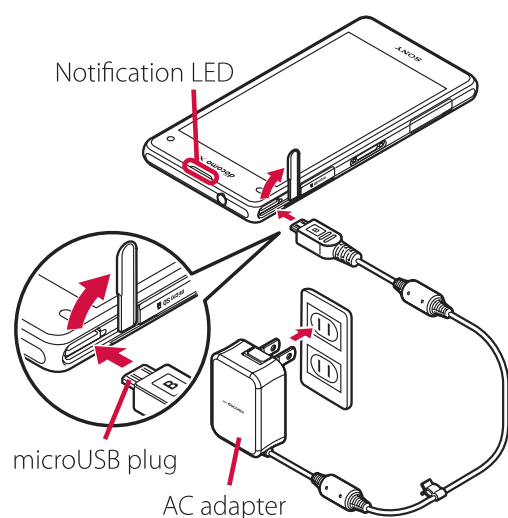
❖Note

- You cannot charge the battery by connecting the desktop holder to a PC.
- Check the connecting direction to connect correctly. Wrong connection may cause damage.
- Attachment 35A is attached to the Desktop Holder by default.
- Attachment 35B only supports terminal covers with "純正卓上ホルダ対応 (Compatible with genuine desktop holders)" mark and the terminal can be charged on the Desktop Holder with a compatible cover attached.

Charging with AC adapter

When using AC Adapter 04 (optional) for charging, do the following procedures.

- Opening/closing microUSB jack cover (P.23)



- 1 Open the microUSB jack cover and insert the microUSB plug of the AC adapter horizontally into the microUSB jack of 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.**
- 5 Close the microUSB jack cover, firmly press it and make sure that there are no gaps between the terminal and cover.**

❖Note

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

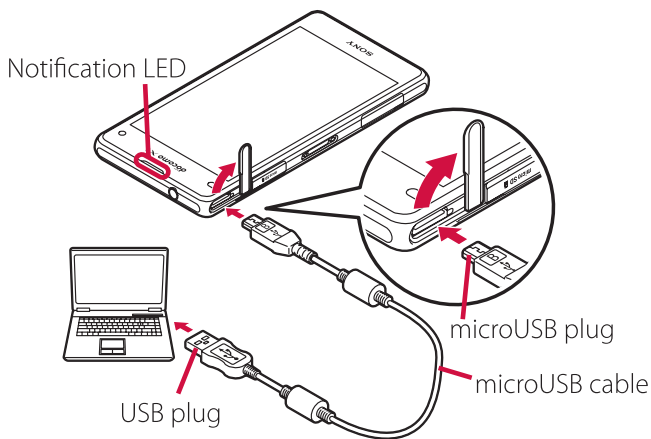
Charging with DC adapter

DC Adapter 03 (optional) supplies power from a car cigarette lighter socket (12 V/24 V). For details, refer to the DC Adapter 03 (optional) manual.

Charging with a PC

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

- Opening/closing microUSB jack cover (P.23)



1 Open the microUSB jack cover and insert the microUSB plug of the microUSB cable horizontally into the microUSB jack of 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.

5 Close the microUSB jack cover, firmly press it and make sure that there are no gaps between the terminal and cover.

❖Note

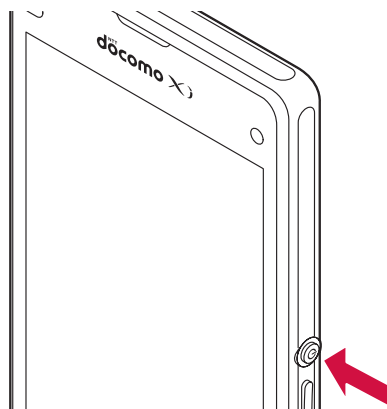
- Installation of an MTP driver to a PC is required when charging the battery with a Microsoft Windows XP PC, because "USB connection mode" (P.176) is set to "Media transfer mode (MTP)" by default. Install Windows Media Player 10 or later to install an MTP driver.
- Check the connecting direction to 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.



2 Cancel the screen lock.

- Canceling the screen lock (P.37).
- When the language selection screen appears after canceling the screen lock, make initial settings (P.38).

❖ Information

- If the battery level is low, the notification LED flashes in red 3 times when  is pressed to turn the power on. Charge the terminal (P.31).
- When SIM card lock (P.162) is set, enter PIN code on the PIN code entry screen (P.162).

Turning power off

1 Press and hold for over a second.

2 [Power off] ► [OK].

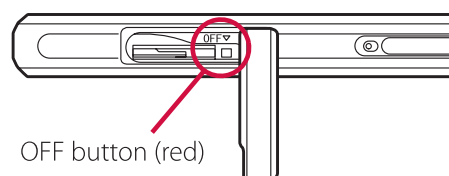
❖ Information

- Press  for over a second ► Touch and hold [Power off] ► Tap [OK] to restart the terminal in safe mode (P.194).

Force stop

- Opening/closing docomo mini UIM card slot cover (P.23)

1 Open the docomo mini UIM card slot cover, press red OFF button for approximately 3 seconds and release it when the terminal vibrates 3 times.



❖ Information

- Alternatively, press  and volume up key simultaneously for approximately 3 seconds and release them when the terminal vibrates 3 times to force stop.

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 back light (P.153).

Canceling the screen lock

The screen for canceling the lock screen (lock screen) appears when turning the power on or the sleep mode is canceled by pressing .

- 1 **On the lock screen, .**

❖Information

- On the lock screen, tap  to activate "しゃべってコンシェル (Shabette concier)" or "Google" application.
- On the lock screen, tap  to activate the camera.
- You can change screen unlock method (P.162).
- When the Home screen is set to "Simple Home" (P.49) or Preferred apps settings is set to "Xperia™" (P.151), flick (swipe) the screen up or down to cancel the screen lock.

Adding widgets on the lock screen

You can add widgets such as calendar, clock, etc. on the lock screen.

- 1 **On the lock screen, drag  right.**
- 2 ** Tap a widget to add.**
 - Flick the screen to the right in a row▶ Tap  to set up to 5 widgets.

❖Information

- To delete a widget, on the lock screen, touch and hold a widget to delete▶ Drag it to "Delete" displayed at the top of the screen.

Initial settings

When the language selection screen appears after turning the power on and canceling the screen lock, follow the onscreen instructions to make initial settings.

1 **Select [English (United States)]► [Done]► ➡.**

- After this step, follow the onscreen instructions to make the following settings, and tap ➡ or [Finish].
 - Connect to a Wi-Fi network
 - Connecting to Sony Entertainment Network
 - Set accounts and auto-sync
 - Select preferred applications

2 **[OK]►[OK].**

3 **When initial setting screen for docomo service appears, ➡ Next .**

- After this step, follow the onscreen instructions to set up below, and tap ➡ Next .
 - Set docomo ID
 - Select whether to use "docomo Wi-Fi Easy Connection" application
 - Set docomo apps password, Remote Initialization Service
 - Set docomo cloud

- Select whether to install all applications now or later
- Set whether to respond when receive a request of location search

4 **[OK].**

- 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.158, P.163).
- 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.43).
- 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

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)

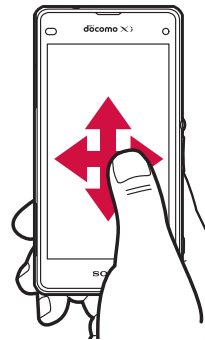
Touch the screen and flick up/down/left/right.

■ Drag

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

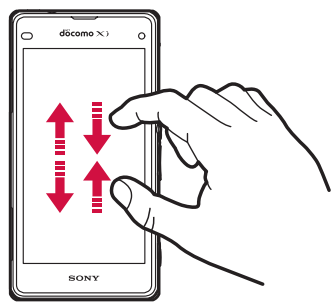
■ Scroll

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

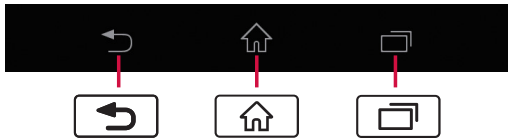


■ Pinch

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 to to activate "しゃべってコンシェル (Shabette concier)" or "Google" application.
	Recently used apps	Display recently used applications in thumbnail list to activate or delete applications from the list (P.58). Also, use or set small apps (P.58).

* In this manual, each key icon operation is described with , , .

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 Drag the status bar downwards.

2 [Auto rotate].

- When the setting is enabled,  appears.

❖ Information

- Even when you change the orientation of the terminal, the screen may not change to landscape view depending on the screen such as Home screen, etc.
- While charging with the desktop holder, the screen view may change regardless of the auto rotate screen setting.
- Changing orientation of the terminal in nearly horizontal state against the ground does not switch to portrait view/landscape view automatically.

Setting silent mode

1 Drag the status bar downwards.

2 [Sound].

- Tap  to activate silent mode (vibration) and tap  to activate silent mode (mute). Tap  to cancel silent mode.

❖ Information

- Alternatively, press and hold  for over a second▶ Tap  /  /  to switch silent modes.
- Press and hold the volume down key to set vibrator and press the volume down key while the vibrator is set to set mute. On the lock screen, during a call, in some applications such as camera and WALKMAN, silent mode cannot be set even if the volume down key is pressed.
- Setting the terminal to silent mode does not mute sounds for shutter, playback of video or music, alarm, dialpad operation sound during a call or sound emitted when [End call] is tapped, etc.
- While silent mode is set, adjusting volume for "Ringtone & notifications" from "Volumes" (P.153) in Sound or turning up the volume by pressing the volume up key cancels silent mode.

Capturing screenshot

You can save the current displayed screen as an image (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

- Drag the status bar downwards▶ Tap [Screenshot captured.] to check captured images in the "Album" application. Also, tap [Share] to attach captured images to an application to send or to share them.

Notification LED

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

- Notification LED when STAMINA® mode is set (P.156)

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

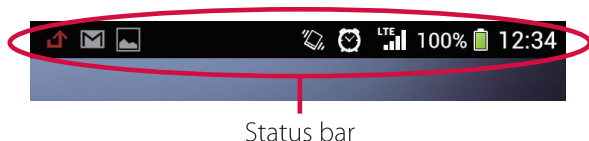
* Flashing while the backlight turns off or the lock screen is displayed.

❖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 available
	International roaming connected
	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
	Connecting to Wi-Fi using Auto IP function
	Bluetooth function ON

	Connecting to Bluetooth device
	Airplane mode activated
	Silent mode (vibration) ON
	Silent mode (mute) ON
	Speaker phone turned on*
	Microphone set to mute*
	Alarm is set
	NFC Reader/Writer, P2P function ON
	Battery status
	The battery is charging
	Battery is low (4% or less)
	PUK code locked or docomo mini UIM card not inserted
	STAMINA mode ON
	Low battery mode ON

* Appears when switched to the Home screen etc.

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 captured
	New Facebook message
	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)
	microSD card removed
	Preparing microSD card
	Update notification/installation completed
	Application update notification
	Software update notification
	Downloading software update completed
	Installation of software update completed
	Software update interrupted, stopped
	Android software upgrade notification

	NFC/Osaifu-Keitai lock set to the terminal and docomo mini UIM card
	NFC/Osaifu-Keitai lock set to the terminal or docomo mini UIM card
	Omakase Lock set to the terminal and docomo mini UIM card
	Omakase Lock set to the terminal or docomo mini UIM card
	Receiving/dialing*/during a call*
	Call on hold*
	Missed call
	Phone memo recorded
	New voice mail
	Event notification for Schedule
	Stopwatch is running
	Timer in use
	Alarm sounding
	Playing a track with Media Player
	Playing a track with WALKMAN
	Watching 1Seg*/notification of reserved watching
	Recording 1Seg*/notification of reserved recording
	FM radio in use*
	USB connected
	MHL connected
	Available to activate TV launcher
	Screen mirroring connected
	Mobile data communication invalid
	Wi-Fi open network available

	Connecting to a VPN
	The terminal set as media server/connection request notification received
	Error message
	Warning 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
	USB tethering, Wi-Fi tethering, Bluetooth tethering are set
	Positioning with GPS
	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

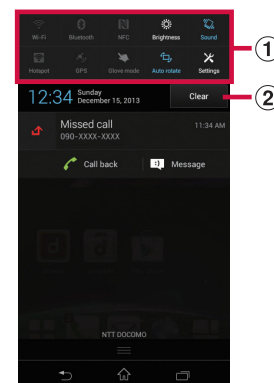
* Appears when switched to the Home screen etc.

Notification panel

When notification icons appear on the status bar, you can open the Notification panel to check the notifications, activate corresponding application, etc. You can open the Notification panel to set silent mode, enable/disable Wi-Fi function, etc.

1 Drag the status bar downwards.

■ Notification panel



① Quick settings

- Enable/disable functions. Also number of tools and order can be changed (P.151).

Wi-Fi	Enable/disable Wi-Fi function.
Bluetooth	Enable/disable Bluetooth function.
NFC	Enable/disable NFC Reader/Writer, P2P function.
Brightness	Adjust screen brightness.
Sound	Enable/disable silent mode (Vibration/mute).

Hotspot	Enable/disable Wi-Fi tethering function.
GPS	Enable/disable GPS function.
Glove mode	Enable/disable Glove mode.
Auto rotate	Set whether to switch portrait/landscape view automatically according to the terminal orientation.
Settings	Display Settings menu (P.142).

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.40) the Notification panel to show/hide screen for operation such as "Share" and "Call back".
- Touch and hold a notification on the Notification panel▶Tap [App info] to check the application information.

Home screen

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

- "docomo LIVE UX" (P.72)
- "Simple Home" (P.49)
- Switching home applications (P.59)

Xperia™ Home screen

Application screen displayed when "Preferred applications" is set to "Xperia™" is explained here.



- ① Current home screen position
 - Flick the home screen left or right to switch.
- ② Widget : Google Search
- ③ Widget : Clock
- ④ Machi-chara
- ⑤ Shortcuts (applications)
- ⑥ Wallpaper
- ⑦ 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 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, touch and hold the area of the Home screen where no icons are displayed ▶Tap .

Adding a 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]▶Select a widget 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.
- To delete a widget, from the Home screen, touch and hold a widget to delete▶Drag it to  displayed at the bottom 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 [Apps].**
- 3 Select [Shortcuts] or an application you want to add.**
 - When you select "Shortcuts", select from the stored shortcuts.
 - 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 a shortcut to delete▶ Drag it to  displayed at the bottom 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  displayed at the bottom 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 Any of [Album]/[Live Wallpapers]/ an image.

- When you tap [Album], select an image
 - ▶Set range of the image by dragging, etc. to adjust the cropping frame▶Tap [Crop] to set wallpaper.
- When you tap [Live Wallpapers], select a content▶Tap [Set 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

❖Information

- To return to the Home screen, tap  or , or tap any home screen.

Simple Home screen

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

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

■ Applications on the Simple Home screen

Maps		P.135
Google		P.60
Settings		P.51
My Select		P.51
Tools	Contacts	P.53
	Calendar	P.54
	Alarm & clock	P.137
	Calculator	—
	Osaifu-Keitai	P.104
	Gmail	P.98
	Play Store	P.103
	dmenu	P.103
	i コンシェル (i-concier)	P.56

Media	WALKMAN	P.53
	Album	P.128
	Movies	P.53
	1Seg	P.109
	FM radio	P.115
	YouTube	P.130
	dmarket	P.103
	i チャンネル (i-channel)	P.56
	sugotoku contents	P.55
Camera		P.116
docomo mail		P.91
Messaging		P.91
Dial		P.53
Apps*		—
Browser		P.100
Speed dial 1/Speed dial 2/Speed dial 3		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 1", "Speed dial 2", and "Speed dial 3" 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, tap any of [Speed dial 1]/[Speed dial 2]/[Speed dial 3]▶[OK].

2 Select a contact to save.

- The name "Speed dial 1", etc. is changed into 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.81)

■ Sending messages (SMS)/mail

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

- How to send a message (P.91)
- How to send email (P.95)
- How to send Gmail (P.98)

❖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	Sleep	Select a time duration before the screen back light turns off.
	Wallpaper	Set wallpaper for Simple Home screen. • To set "Custom", unmark "Default" and tap [Custom].
	Lock screen wallpaper	Set wallpaper for lock screen.
	Font size	Set font size for the "Contacts" application, etc.
	Customize Home	Change application types or location displayed on the Simple Home screen (P.52).
Sound	Silent/Vibrate mode	Set Silent mode.
	Ringtone	Set ringtone.

Others	Battery save	Set to reduce battery power consumption.
	Screen lock	Set screen unlock method.
	More settings	Display Settings menu on the standard Home screen (P.142).
Exit Simple Home		Change to the standard Home screen.

Saving applications in My Select

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

- 1 On the Simple home screen, [My Select]►[Edit]►[OK].
- 2 Mark applications to save►[Done].

❖Information

- To delete applications saved in the "My Select" folder, in Step 2, unmark applications to delete►Tap [Done].

Changing applications on the Simple Home screen

- 1 On the Simple home screen, [Settings]►[Display]►[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

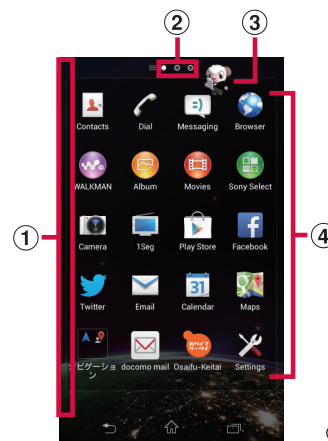
- In Step 2, tap [Reset]►[OK] to restore the defaults. Note that contacts saved in the speed dials and applications saved in "My Select" folder are not restored.

Xperia™ Application screen

Application screen displayed when "Preferred applications" is set to "Xperia™" is explained here.

- Switching Home application (P.59)

- 1 From the Home screen, .



"ひつじのしつじくん®
(Butler Sheep)"
©NTT DOCOMO

- ① View optional menu
 - Flick the left edge of the application screen to right to display "Search apps", "Uninstall" (P.57), menu to change order of the application icons on the application screen and "Play Store".
- ② Current displayed position of the application screen
 - Flick the application screen left or right to switch.
- ③ Machi-chara
- ④ Application icons
 - Some application icons are displayed with a number of missed calls, unread mails, etc.

❖ Information

- On the leftmost application screen, flick to the right the screen (except for the left edge) to open the optional menu.
- While sorting application icons, drag an icon to the right edge of the application screen to add an application screen.

Application list

Applications displayed on the application screen are as follows.

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

Contacts

Activate Xperia™ phonebook application to manage contacts of your friends or colleagues.

Dial

Activate Xperia™ phone application to make/receive calls, and switch between calls.

Messaging

Send and receive messages (SMS). → P.91

Browser

Browse web pages with Browser. → P.100

WALKMAN

Playback music data stored on the internal storage or microSD card.

Album

View photos and videos you took, and images posted on Facebook or Picasa. → P.128

Movies

Play downloaded contents with Video Unlimited or videos that are transferred from a PC to the terminal. On the terminal, you can play videos in a DLNA device or programs recorded with a Blu-ray Disc recorder after transferring via Wi-Fi to the terminal by TV transfer.

Sony Select

Connect Sony Select to obtain applications, games, etc.

Camera

Take still pictures and record video clips. → P.116

1Seg

Watch 1Seg → P.109

Play Store

Access to the Google Play, download and buy new applications. → P.103

Facebook

Activate Facebook client application.

Twitter

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

Email

Send and receive emails (multiple accounts are available). → P.94

Calendar

Display a calendar and manage schedule.

Maps

Use Google map services, such as viewing current location, finding another location and calculating routes. → P.135

ナビゲーション (Navigation)

The folder contains "Navigation", "Local" applications.

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.91

Osaifu-Keitai

Use Osaifu-Keitai. → P.104

Settings

Make the terminal settings. → P.142

Sony Entertainment Network

The folder contains "PlayStation Mobile", "Video Unlimited", "電子書籍 Reader by Sony (e-books Reader by Sony)", "Socialife" applications.

Xperia™ Lounge Japan

Website for smartphones introducing products of Sony Mobile Communications, Inc. and campaign information

TV SideView

The application works as a remote control for Sony TVs, etc.

TrackID™ TV

Use a service providing information about TV program you are watching.

TrackID™

Use a service that checks the information of playing music.

Chrome

Connect to the Internet with Google Chrome.

Google

Search information in the terminal and web pages by keywords. → P.60

Google+

Activate SNS client application Google+ provided by Google.

Google Settings

Make settings for Google applications.

Voice Search

Use Google Voice Search. → P.60

YouTube

Play back videos in the world or upload recorded videos. → P.130

Gmail

Send and receive mails from/to a Google account. → P.98

Play Movies & TV

An application for accessing movie rental service of Google Play. Select a movie you want to watch and rent it.

Play Books

Download new books, bestsellers, etc. from Google Play to read.

Messenger

Chat with friends using Google+ instant messaging.

Hangouts

Chat using photos, pictograms, and videos.

Play Games

Download games, from Google Play and play them.

ツール (Tools)

The folder contains "Calculator", "Alarm & clock", "Notes", "Sketch", "FM radio", "File Commander" and "OfficeSuite" applications.

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-02F" in "Introduction".

遠隔サポート (Remote support)

An application for using "スマートフォンあんしん遠隔サポート (Smartphone Anshin Remote Support)". With "スマートフォンあんしん遠隔サポート (Smartphone Anshin Remote Support)", a call center staff can check your terminal screen remotely and provide information on the operation. → P.199

docomo phonebook

Use phonebook. → P.86

Phone

Use phone. → P.78

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.103

dmarket

An application for activating dmarket. Contents such as songs, videos and books can be purchased in dmarket. Also Google Play applications are introduced. → P.103

sugotoku contents

An application shortcut for "sugotoku contents" sugotoku contents offers selected basic/popular contents of various categories such as weather and news.

i チャネル (i-channel)

An application which delivers the latest information for 9 categories such as weather, news, show business, sports, fortune-telling, etc. automatically.

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".

しゃべってコンシェル (Shabette concier)

Speak "what you want to search" or "what you want to do" to the terminal. It understands your intention and display the best solution on the display from the services or functions of the terminal (in Japanese only).

iDアプリ (iD application)

Make settings etc. for use of electronic money, iD. → P.108

ToruCa

Acquire, display, search, or refresh ToruCa. → P.108

フォトコレクション (Photo collection)

An application for using Photo collection. Photo collection is a free storage service for photos/videos.

Media Player

Play music and videos. → P.131

IC Tag/Barcode Reader

Read IC Tag and barcode.

Schedule

Create/manage schedule. It supports i-concier service. → P.136

Memo

Create/manage memos. It supports i-concier service.

Hanashite Hon'yaku

An application for translating into each other's language. You can enjoy conversation with people who speak different language.

バックアップ&スキャン (Backup & Scan)

The folder contains "docomo backup", "Anshin Scan" applications.

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.

docomo Wi-Fi Easy Connection

An application for simply using "docomo Wi-Fi", public wireless LAN service by DOCOMO. Automatically connect to Wi-Fi network within a Wi-Fi area. Also Wi-Fi areas can be searched.

Disaster kit

An application which helps you check received Early Warning "Area Mail", make settings, and record and check messages on the docomo Disaster Message Board. → P.99

❖Information

- Some pre-installed applications can be uninstalled. Even if uninstalled, some applications can be downloaded from "Play Store" (P.103) etc. again.
- Some applications require downloading and installation. If downloading an application is not available, set to allow to download (P.160).
- Activating two or more applications may increase battery consumption and the operation time may become short. For this reason, it is recommended to end applications when not used. To end an application, on the screen of application you are using, tap  to display the Home screen, or tap  ► [Close all].

Adding an 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.

❖Information

- To delete a shortcut, from the Home screen, touch and hold a shortcut to delete ► Drag it to  displayed at the bottom of the screen.

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, flick the left edge of the screen to right ► [Uninstall].**
- 2 Tap an application icon with .**
- 3 [Uninstall].**

Adding a folder to the application screen

When the order of application icons (P.52) is set to "Own order", application icons can be saved in folders and managed.

- 1 On the application screen, touch and hold an icon ► Drag it over another icon.**

❖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].

Task manager

You can check the recently-used applications and end them. You can activate a small app 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 end all applications and delete from thumbnail list, tap [Close all] displayed at the upper right of the screen.
- To check application information, touch and hold a thumbnail of application▶Tap [App info].

Small apps

You can use a small app such as browser or note while using another application. Applications downloaded from Google Play or widgets can be added to small apps.

Using small apps

1 .

- The set favorites of small apps appear at the bottom of the screen.

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

❖Information

- When several small apps are set, flick favorites left or right to display them.
- To close a running small app, tap .

Adding small apps

- 1  ► .
 - Small apps list appears.
- 2 **Touch and hold a small app or shortcut to add ► Drag to Favorites.**

❖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 Play Store or add a widget to small apps.
- To delete a small app from the favorites, touch and hold a small app to delete ► Drag it out of the frame of the favorites ► [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 setting].
- 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)
- 3 **Tap a search item or  of software keyboard.**
 - When you select an application from the search result, the application is activated.

❖Information

- If a Google account is set, the Google Now screen may appear in Step 1. Follow the onscreen instructions.

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.**

Search settings

You can set to use for search box or set search objectives in the terminal.

- 1 **From the Home screen, tap the Google search widget.**
- 2 **In the lower left of the screen,    [Settings].**

Google Now*	Set location information service to on to check weather information for the current location, traffic information, directions.
Voice	Change language and settings for voice search.
Phone search	Change the search range by marking/unmarking data categories in the terminal.
Privacy & accounts	Set whether to display search options from Web history when a search word is entered, or delete search history for contents or applications in the terminal. • You need to create your Google account.

* Appears when a Google account is set.

Character entry

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

❖Information

- When the software keyboard is displayed,  appears on the status bar.
- To hide software keyboard, tap  displayed at the lower left of the screen.
- Touch and hold a text in the character entry screen to display the enlarged text and check for dragging the text.

Choose input method

In the terminal, you can select Input method (keyboard type) from the following.

Google voice typing	Select to enter characters by voice input with Google voice typing.
Moji-Henshu	Select to enter characters by voice input with docomo voice input.
Xperia™ Chinese keyboard	Select to enter Chinese.
Xperia™ Japanese keyboard	Select to enter Japanese.
Xperia™ keyboard	Select language for text entry.

- 1 From the Home screen,  ► [Settings].
- 2 [Language & input] ► [Default].
- 3 Tap any of [Xperia™ Chinese keyboard]/[Xperia™ Japanese keyboard]/[International 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".
- Alternatively, while entering characters, drag the status bar downwards ► Tap [Choose input method] to select input method.

Software keyboard

For Japanese keyboard, you can use switching the following types of software keyboards.

Phonepad keyboard	Keyboard with multiple-character-assigned keys. Flick input or toggle input is used for character entry.
QWERTY keyboard	Keyboard with characters allocated in the same arrangement as general PCs. Enter Japanese in Roman character.

Japanese syllabary keyboard	Keyboard with keys arranged in the order of Japanese syllabary.
Kana handwriting input	Trace characters on the Kana handwriting area to enter Hiragana, Alphabet, Number, a part of symbols by handwriting.
Kanji handwriting input	Input Hiragana, Kanji, Katakana, Alphabet, Number, a part of symbols by tracing characters on Kanji handwriting area without switching input mode.

❖Information

- The key display of software keyboard varies depending on the entry screen, character mode or settings.

Changing software keyboard and settings

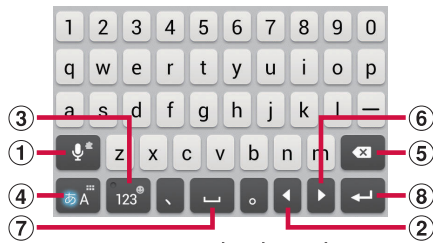
- 1 On a character entry screen, touch and hold  or flick it up.
 - For Kanji handwriting input, tap .
- 2 Tap any of icons.
 -  : Display Japanese keyboard settings screen and check/change the settings.
 -  : Display the extensions list.
 -  : Switch one-byte/two-byte character.

-  : Change size and location of software keyboard (except for landscape screen and Kanji handwriting input).
To change size or location, tap [Resize keyboard]. To restore the defaults, tap [Standard], to save the change, tap [Custom].
-  : Hide the software keyboard.
-  : Display the phonepad keyboard.
-  : Display the QWERTY keyboard.
-  : Display the Japanese syllabary keyboard.
-  : Display the Kana handwriting input.
-  : Display the Kanji handwriting input.

Entering characters with software keyboard



Phonepad keyboard



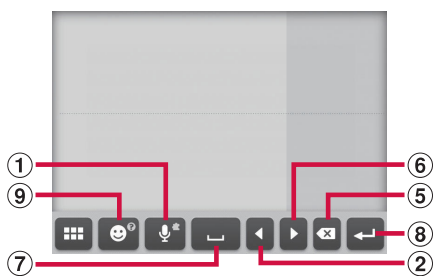
QWERTY keyboard



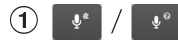
Japanese syllabary keyboard



Kana handwriting input



Kanji handwriting input



Enter characters by voice input with "docomo voice input" or "Google voice typing". Tap a character string from the candidates list.

Touch and hold or flick up

Plug-in application appears.

Touch and hold or flick up

The Kana handwriting input guide in the POBox Touch User Guide (Japanese) activates and you can view the detailed explanations for the handwriting input.

逆順

Display the previous character (reverse order).

取消

Appears after conversion is fixed to return to text before conversion.

全角 / 半角

Appears when entering numbers, tap to switch one-byte/two-byte character.

全 / 半 / 大

Appears in alphanumerics input mode, tap to switch lower case, capitalization and upper case.

For the Japanese syllabary keyboard, available types of symbols are also switched

大・小

Appears in Hiragana/Kanji input mode. Switch upper/lower case or add voiced sound/semi-voiced sound.

A+a

Appears in alphanumerics input mode, tap to switch upper case and lower case.

英数
カナ

Appears before fixing character in Hiragana/Kanji input mode and displays alphanumeric or katakana conversion candidates (QWERTY keyboard only).

😊

When entering numbers, enter symbols or facemarks from the list (Kana handwriting input only).



Move the cursor to the left.



The character mode switches "Hiragana/Kanji/Alphabets" → "Number" in order.
For QWERTY keyboard, Japanese syllabary keyboard, the character mode switches "Hiragana/Kanji/Alphabets" → "Number/Symbol" in order.

 /  Touch and hold or flick up
Enter symbols or facemarks from the list.



Appears before fixing character in Hiragana/Kanji input mode and displays alphanumeric or katakana conversion candidates.



The character mode switches "Hiragana/Kanji" → "Alphabets" in order.



Delete the character before the cursor.



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 Kanji handwriting input).



Enter spaces.



In Hiragana/Kanji input mode, highlight and select word in conversion candidates.

 Touch and hold or flick up

In Hiragana/Kanji input mode, activate online dictionary to display in conversion candidates.



Display direct conversion candidates when entering characters.



Enter a line feed.



Appears before fixing character and fixes the character.

* In some screens, , "次へ (Next)", "完了 (Done)", "実行 (Go)", etc. appear.



Enter symbols or facemarks from the list.

 Touch and hold or flick up

The Kanji handwriting input guide in the POBox Touch User Guide (Japanese) activates and you can view the detailed explanations for the Kanji handwriting input.

 Touch and hold or flick up

When inputting character, activate online dictionary to display in conversion candidates.

❖Information

- Displayed icons vary by keyboard.
- For Kana handwriting input, you can enter the next character on the entered character.
- Note the following when you use Kana 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.
 - For entering alphabet, use the lower horizontal line of the input screen as the base.
- For Kanji 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 under the candidates in different colors by type.
- For Kanji 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 Kanji 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.
- To set online dictionary, in Hiragana/Kanji input mode, touch and hold  or flick it up▶[OK]▶Mark "Online dictionary"▶Tap [Agree]. It can also be set from the setting screen for Xperia™ Japanese keyboard (P.67).

Entering characters on the phonepad keyboard

■ 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".



■ Toggle entry

Tap the same key continuously to enter the assigned character.

To enter characters assigned to the same key continuously, operate the followings.

- **Ex: To enter "あお"**
 - ① Tap "あ" once.
 - ② ▶ Tap "あ" 5 times.
- **Ex: To enter "ca"**
 - ① Tap "abc" 3 times.
 - ② ▶*
 - ③ Tap "abc" once.

* In some applications, tap  in Step ②.

Editing text

In the character entry screen such as phonebook and note, 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 entered 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.

Setting character entry

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

- 1 **From the Home screen,**
▶[Settings]▶[Language & input].
- 2  on "Google voice typing"/
"Moji-Henshu"/"Xperia™ Chinese keyboard"/"Xperia™ Japanese keyboard"/"Xperia™ keyboard".
 - Tap an item displayed on the screen to set.

❖Information

- The items vary depending on the input method.
- Alternatively, while entering characters, drag the status bar downwards▶Tap [Choose input method]▶[Set up input methods]▶ for each input method to display.

Setting Xperia™ Japanese keyboard

- 1 From the Home screen,  ► [Settings] ► [Language & input].
- 2  of "Xperia™ Japanese keyboard".

Keyboard Setup	Change basic settings of Xperia™ Japanese keyboard following the guide.
On-screen keyboard settings	P.68
Input support	P.70
Keyboard skin	Change software keyboard skin.
Manage extensions	Set whether to use plug-in applications or install plug-in application to add. Use preinstalled plug-in application, "Contact Picker 2.3", to enter contact information (P.71).

Dictionaries	My words Japanese	P.71
	My words English	
	Learn words	Learn words selected from the conversion candidates to display as the preferred candidate when entering characters.
	Online dictionary	Set whether to activate online dictionary to display in conversion candidates in Hiragana/Kanji input mode (while inputting character for Kanji handwriting input).
	Back up & restore	Back up and restore user dictionary and Learn words. Backup data is not saved in microSD card.
POBox Touch User Guide		View the detailed explanations of Xperia™ Japanese keyboard. The latest information can be obtained from the websites for extensions or keyboard skins.

❖ Information

- Alternatively, while entering characters, drag the status bar downwards ► [Choose input method] ► [Set up input methods] ►  of "Xperia™ Japanese keyboard" to display the setting screen.

On-screen keyboard settings

Keep keyboard type		Set whether to keep the last status of keyboard (phonepad/QWERTY/Japanese syllabary keyboard/Kana handwriting input/Kanji handwriting input) for the portrait/landscape screen and kana/alphabet/number input mode respectively.
Resize keyboard		Explain how to adjust keyboard size and position in the portrait screen.
QWERTY KEYBOARD SETTINGS	Show numeric keys	Set whether to display numeric keypad in Kana/Alphanumeric input mode.
	Choose key type	P.69
	Hide keys	Set not to display less-frequently-used keys on the QWERTY keyboard.
	Keyboard customization	P.70

PHONEPAD SETTINGS	Flick input	Set whether to use flick input.
	Sensitivity of flick input	Change sensitivity when Flick input is used.
	Multitap text input	Set whether to use Multitap text input.
KANJI HANDWRITING SETTINGS	Auto scrolling	Set whether to automatically scroll when the characters are entered up to the right edge.
COMMON ON-SCREEN KEYBOARD SETTINGS	Sound on keypress	Set whether to sound at the time of key tapping. Volume for Sound on keypress is linked to "Ringtone & notifications" (P.153) of volume in Volumes.
	Vibration on keypress	Set whether to vibrate when the key is tapped.
	Vibration intensity	Set vibration intensity by dragging the slider left or right when "Vibration on keypress" is set.
	Pop-up on keypress	Set whether to magnify tapped key or display flick guide.

COMMON ON-SCREEN KEYBOARD SETTINGS	Full screen mode	Set whether to display text display area in the full screen mode in landscape screen.
	No. of lines (portrait)	Set number of lines for conversion candidates displayed in portrait screen.
	No. of lines (landscape)	Set number of lines for conversion candidates displayed in landscape screen.

Selecting an assistant keyboard

When you enter in Hiragana/Kanji input mode using the QWERTY keyboard, you can change the assistant keyboard to make the frequent using keys to be displayed widely for easy tapping.

- 1 On a character entry screen, touch and hold  or flick it up.
- 2  ► [On-screen keyboard settings] ► [Choose key type].

Wide	Widen frequent using key for easy tapping.
Highlight	Widen frequent using key and highlight the key that is predicted for the next entry.
Dynamic	Widen the key that is predicted for the next entry much further and highlight it.
Standard	Display equally the width of each key. Settings of "Hide keys" (P.68) are not valid and all keys are shown.

- 3 [OK].

Customizing keyboard

You can change symbols which are displayed in QWERTY keyboard when entering number to desired characters/symbols.

- 1 On a character entry screen, touch and hold  or flick it up.
- 2  ►[On-screen keyboard settings]►[Keyboard customization].
- 3 Tap a symbol you want to change►Delete character previously set, then enter a character to display►[OK].
 - Only one character (two-byte or one-byte character) can be set.
- 4 [OK].

❖Information

- To return to the default status, in Step 3, tap  ►[Reset]►[OK].

Input support

You can set support functions for character input such as Word suggestion function, Setting voice input.

Word suggestions	Set whether to use Word suggestions.
------------------	--------------------------------------

Voice typing		Set voice input to "docomo voice input" or "Google voice typing".
AUTO CORRECT	Auto capitalization	Set whether to capitalize automatically the top letter you enter in one-byte alphabet entry mode (except for Kana handwriting input and Kanji handwriting input).
	Spell check	Set whether to correct typing error and show conversion candidates when entering one-byte alphabet characters with QWERTY keyboard or Japanese syllabary keyboard.
	Auto space	Set whether to automatically enter a space after a word when the word is selected from English word suggestion (except for Kanji handwriting input).

❖Information

- Flick or drag down the word suggestion area to widen the displaying area. Tap [前候補 (Previous suggestion)]/[次候補 (Next suggestion)]/[確定 (Fix)] to select/fix characters. To show the software keyboard, tap [戻る (Back)] or .

- In Hiragana/Kanji input mode (in inputting character when using Kanji handwriting input), tap [直変 (Direct conversion)]/[予測 (Prediction)] in the word suggestion field to display direct conversion candidates/predicted conversion candidates.
- The beginning of sentence may not be capitalized in one-byte alphabet entry mode when "Auto capitalization" is marked.

Managing extensions

You can use or add extensions when entering characters.

Using Contact Picker 2.3

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

- 1 **On a character entry screen, touch and hold  or flick it up.**
• For Kanji handwriting input, tap .
- 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.

Dictionaries

To display the word as the preferred candidate when entering characters, set the user dictionary beforehand.

Registering words in user dictionaries

There are 2 types of user dictionaries: "My words Japanese" and "My words English".

- 1 **On a character entry screen, touch and hold  or flick it up.**
• For Kanji handwriting input, tap .
- 2  ► [Dictionaries]
- 3 [My words Japanese]/[My words English].
- 4  ► [Add].
- 5 Tap the character input box for "Reading" ► Fill it out.
- 6 Tap input box for "Word" ► Enter a word ► Tap [完了 (Done)] on the software keyboard.
- 7 [Save].

❖ Information

- Words registered to My words English are not displayed as conversion candidates in Kanji handwriting mode.
- To edit/delete, select an added user dictionary and tap  ► [Edit]/[Delete] in Step 4.

Home screen

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



"ひつじのしつじくん®
(Butler Sheep)"
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- ① Widget : Google Search
- ② Machi-chara
- ③ Application icon
- ④ Apps button
- ⑤ Wallpaper
- ⑥ Current home screen position
 - Flick the Home screen left or right to switch.
- ⑦ My Magazine (P.77)

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 display settings/basic settings for Machi-chara.

❖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 change the folder name.

Moving an icon on the Home screen

- 1 **From the Home screen, touch 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 form Home screen".**

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 widget which cannot be uninstalled by dragging to "Disable app" in Step 2 (P.157).

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, select 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", "Live Wallpapers", or "Xperia™ wallpapers".
When you select "Album", select an image▶Drag etc. to adjust the cropping frame▶[Crop].
- 4 [For all screens]/[Just for this screen]▶[OK].**

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 Optional menu icon
 - View optional menu such as Settings.
- ⑤ Recommends button
 - Install applications recommended by DOCOMO (P.76).
- 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.73).

- 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 widget which cannot be uninstalled by dragging to "Disable app" in Step 2 (P.157).

Moving application in the application icon list

- 1 On the application screen, touch and hold an icon to move.
- 2 Drag it anywhere.

Searching for an application

Search application installed into the terminal to activate.

- 1 On the application screen,  ► [Search].
- 2 Enter application name to search.
 - Search suggestions appear as you enter a character.
- 3 Tap an application name.

Setting a location for installing applications

Set a location of application installed in the terminal.

- 1 On the application screen,  ► [Apps layout setting].
- 2 [Home screen]/[Apps list] ► [OK].

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.

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, .**
 - Article list of My Magazine appears.
 - Alternatively, flick the Home screen up to display the article list.

❖Information

- When you activate for the first time, a selection screen for categories appears. Select categories, then tap [OK].
- On the article list, flicking left or right switches categories. Tap each article to display the details screen.
- Tap [See more info] to show other articles in the category.

Setting categories

- 1 **From the Home screen,  ►  ► [My Magazine settings].**
- 2 **[Display category setting] ► Mark categories to show ► [OK].**

❖Information

- Tap [Set/Edit free word category] in Step 2 to add/edit your favorite words as categories. Enter a word ► [OK] ► Mark categories you want to add ► Tap [OK] to set them to My Magazine.

Setting My Magazine to show/hide

- 1 **From the Home screen,  ►  ► [My Magazine settings] ► [My Magazine display setting].**
- 2 **[Show]/[Hide] ► [OK].**

❖Information

- Alternatively, on the application screen,  ► Tap [My Magazine display setting] to set to show/hide.

Checking Home application information

- 1 **On the application screen,  ► [About].**

Making/Receiving a call

Making a call

- 1 **From the Home screen,**  ► **"Dial" tab.**
- 2 **Enter a phone number** ► .
 - Tap  to delete the number.
- 3 **When the call is finished, [End call].**

❖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].
- To set to show the displayed screen for the first by tapping  on the Home screen, from the Home screen,  ►  ► [Set start-up screen]. However, depending on home application, the start-up screen setting may not be reflected.

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 mini 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.

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, [End call].

■ 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, [End call].

Making an international call (WORLD CALL)

For details on WORLD CALL, refer to DOCOMO International Services 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.189), the international dial assist screen appears when sending. Tap [Call original] or [Call].

3 When the call is finished, [End call].

❖Information

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

Receiving a call

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

2 When the call is finished, [End call].

❖Information

- Even if the screen lock is set, you can answer a call by the same operation.

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 (vibration) is set.
- On the Home screen etc., press the volume key to adjust the ringtone volume.

Declining a call

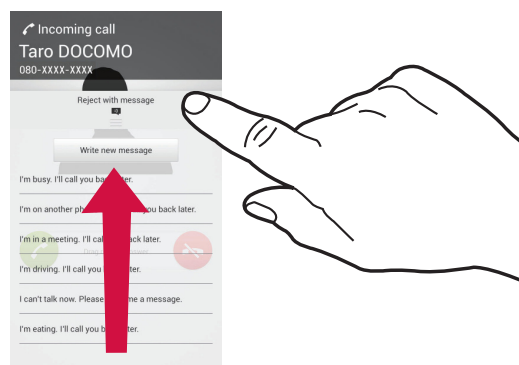
1 While receiving a call, drag  (right) to  (left).

❖Information

- Even if the screen lock is set, you can reject a call by the same operation.

Declining an incoming call and sending a message (SMS)

When you cannot answer a call, you can reject the call and send a message (SMS). Message to send is registered in advance, and you can edit it if necessary.



1 Drag  upwards when receiving a call.

2 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.

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.

■ **Calling screen**



- ① Call duration time
- ② Name of the other party
- ③ Number of the other party
- ④ Photo/image set in the phonebook entry
- ⑤ Speaker : Set speakerphone on/off.
 - Other party's voice can be heard from the speaker and handsfree call can be made.
 - When you switch to the other screen such as the Home screen with the speakerphone on, appears in the status bar.

- ⑥ Phonebook : View phonebook entry list screen (P.86).
- ⑦ Option menu
- ⑧ Mute : Turn the microphone on/off during a call.
 - When you switch to the other screen such as the Home screen with Mute on, appears in the status bar.
- ⑨ Dial key : Send push signals or enter the phone number you want to add to make a call.
 - Enter additional phone number ► Tap to make the ongoing call automatically on hold.
 - To add a call, "Call waiting" subscription is required (P.84).
- ⑩ End a call

❖ **Note**

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

❖ **Information**

- When you switch the another screen such as Home screen etc. during a call, appears on the status bar. Drag the status bar ► Tap [Ongoing call] to display the calling screen.

Using optional menu

1 On the calling screen, .

Hold	Tap [Retrieve call] during Hold to cancel Hold. To set a call on hold, "Call waiting" subscription is required (P.84).
Equalizer	Adjust sound quality during a call.
Slow talk	Slow the caller's talking speed to make the call to be heard slowly.

Adjusting the earpiece volume

1 Press the volume key during a call.

Call history

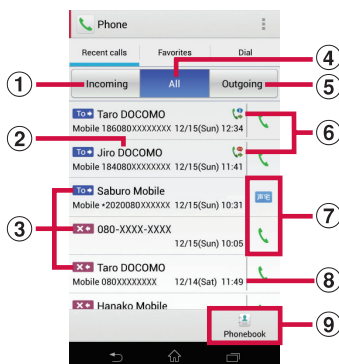
Incoming call and outgoing call are displayed by chronological order in the Recent calls screen.

Up to 500 items can be displayed.

Showing call history

1 From the Home screen, ► "Recent calls" tab.

■ Recent calls screen



- ① Incoming tab
- ② Phone number/name
- ③ History icons
 -  : Missed call
 -  : Incoming call
 -  : Outgoing call
- ④ All tab

- ⑤ Outgoing tab
- ⑥ Call status icons
 -  : Caller ID notified
 -  : Caller ID hidden
 - It appears when prefix "186" (Notify)/"184" (Not notify) is entered to a phone number to make a call, or when you enter a phone number ►  ► [Caller ID notification] ► Tap [Notify]/[Not notify] to make a call.
- ⑦ Direct call button
 -  : Call
 -  : Koe-no-Takuhaibin
 - For details on Koe-no-Takuhaibin, refer to "Koe-no-Takuhaibin" (P.84) or NTT DOCOMO website.
- ⑧ Date
- ⑨ Phonebook

Adding a number from the Recent calls to Phonebook

- 1 From the Home screen,  ► "Recent calls" tab ► Tap a phone number ► [Add Phonebook].
 - Alternatively, touch and hold a phone number ► [Edit number before call] ► [Add Phonebook].
- 2 Tap [Register new] or select a phonebook entry to add.
- 3 On the Profile screen, enter necessary information such as name.

- To add an item, tap  of "Others"▶ Tap [Add].

4 [Save].

Deleting a call history

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

2 [Delete from call log]▶ [OK].

❖Information

- To delete all call logs, on the Recent calls screen, tap "Incoming" tab/"All" tab/"Outgoing" tab▶ ▶ [Delete all]▶ [OK].

Displaying missed calls

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

1 Drag the status bar downwards.

2 [Missed call].

❖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".
- An icon appears on the lock screen to show that you have missed calls and a number of those.

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.

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.
Greetings	Switch answering message language to Japanese or English.
Messages	Check recorded messages.

❖Information

- When recorded messages is recorded,  appears on the status bar. Drag the status bar down▶ Tap [Answering Machine] to display the Messages screen. You can check the recorded messages.
- To delete recorded message, touch and hold a message▶ Tap [Delete]/[Delete All]▶ [OK].

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	Koe-no-Takuhaibin	Record voice messages for you.
	Voice mail service	Record caller's message when you cannot answer an incoming call.
	Call forwarding service	Transfer call when you cannot answer an incoming call.
	Call Waiting	Put the current call on hold and answering an incoming call or making a call to another party.
	Caller ID notification	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	Set action for a second 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.188).

Advanced call settings	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.
	Call Blocking	Set whether to reject incoming calls for numbers not in the phonebook, private, pay phone and unknown.
Sound & Vibration settings	Phone ringtone	Set ringtone (P.153).
	Vibrate when ringing	Set whether to sound ringtone and vibrate the terminal when there is an incoming call.
	Dial pad touch tones	Set whether to emit dialpad operation sound.
Answering Machine	P.83	
Reject call with message	Edit/set a message (SMS) to be sent when rejecting an incoming call (P.80).	
Contact docomo*	Make a call to General Inquiries, inquiries for damage, theft or loss overseas or damage overseas.	
Microphone noise suppression	Make the voice clear to understand for the other party during a call.	
Equalizer	Adjust sound quality during a call.	

Speaker voice enhancement	Make a voice clear to understand during a call.
Slow talk	Slow the caller's talking speed to make the call to be heard slowly.
Accounts	Set Internet phone (SIP) account.
Use Internet calling	Set Internet phone (SIP) call method.

* Recording is not available if a docomo mini UIM card is not attached.

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,  ► [docomo phonebook] ► "Contacts" tab.

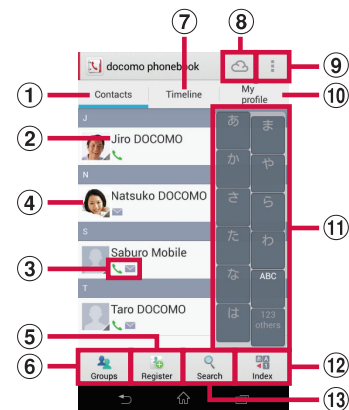
- The phonebook list screen appears.

❖ Information

- To use cloud service for the phonebook, "docomo phonebook" application is needed. When you use "docomo phonebook" for the first time (including after resetting the application), "Use of Cloud" screen appears and you can log in to Cloud.
- From the Home screen,  ► Tap [Phonebook] to display the phonebook list.
- Phonebook data can be backed up in a microSD card using "docomo backup" application (P.140).
- 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 Contacts tab
- ② Name registered in the phonebook entry
- ③ Entry items
 - Icons indicate entry items.
- ④ Photo/image set in the phonebook entry
 - Tap a photo/image to make a call or send a message (SMS) or mail.
- ⑤ Register
- ⑥ Groups
 - Display the phonebook group. Tap [Close] to end the group display.
- ⑦ Timeline tab
 - Display tweet or message on SNS/blog. To display, log in to Cloud and set "My SNS" function.

- ⑧ Cloud
 - Log in to/out from cloud.
- ⑨ Option menu
- ⑩ My profile tab
 - Check your own phone number.
- ⑪ Index character area
 - Tap index character to display phonebook entries allocated to the index character.
- ⑫ Index
 - Display the index character to search entries in the order of Japanese syllabary, alphabet, etc.
- ⑬ Search

Managing phonebook

Adding a new phonebook entry

- 1 From the Home screen,  ► [docomo phonebook] ► "Contacts" tab ► [Register].
- 2 On the Profile screen, enter necessary information such as name.
 - To add an item, tap  in "Others" ► Tap [Add].
- 3 [Save].

❖Information

- To check number of registered contacts, on the contacts list,  ► [Settings] ► [About].
- When you save "Phonetic name (first/last)", phonebook list is displayed according to Japanese syllabary order or alphabets order of "Phonetic name". If you do not enter in "Phonetic name", to add phonebook entry, the name appear in "ABC" field on the phonebook list screen.
- If docomo account is selected as saving location when registering phonebook entries, SNS/blog accounts can be set.
- To set a phone number or address as a default number or address when several phone numbers or mail addresses are registered, on the Profile screen, touch and hold a phone number or mail address ► [Make default number]/[Make default address].

Making a call using the phonebook

- 1 From the Home screen,  ► [docomo phonebook] ► "Contacts" tab ► Select a phonebook entry you want to make a call to.
- 2 On the Profile screen, tap a phone number.
- 3 [Call].

Setting phonebook entries to Groups

- 1 **From the Home screen,  ► [docomo phonebook] ► "Contacts" tab ► [Groups].**
- 2 **Touch and hold a phonebook entry to set a group ► Drag it to any group.**

❖Information

- To close the group display, tap [Close].
- To remove from the group, touch and hold a phonebook entry you want to remove from the group ► Drag it over the set group.
- 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,  ► [docomo phonebook] ► "Contacts" tab ► [Groups] ► [Add].**
 - When "Add" is not displayed, flick up groups to display.
- 2 **On the group addition screen, enter color, icon, group name ► [OK].**
 - The items vary depending on the account type.

❖Information

- Newly added group can be edited/deleted. To edit/delete a group, touch and hold a group ► Tap [Edit group]/[Delete group].

Editing a phonebook entry

- 1 **From the Home screen,  ► [docomo phonebook] ► "Contacts" tab ► Select a phonebook entry to edit.**
- 2 **On the Profile screen, [Edit].**
- 3 **Select a required item and edit.**
 - Tap [Add] to set phone number or mail address, or tap [Del] to delete the set information.
- 4 **[Save].**

❖Information

- You cannot edit contacts for the Facebook account.

Registering a phonebook entry to Favorites

1 From the Home screen,  ► [docomo phonebook] ► "Contacts" tab ► Select a phonebook entry to add to Favorites.

2 On the Profile screen, tap  .

❖ Information

- Phonebook entries saved to the docomo account/ Google account can be added to Favorites.
- To display phonebook entries added to Favorites, on the phonebook list screen, tap [Groups] ► [Favorites].

Using optional menu

1 From the Home screen,  ► [docomo phonebook] ► "Contacts" tab ► Phonebook list screen/Profile screen ►  .

■ Phonebook list screen

Delete	Select and delete several/all phonebook entries.
Login to cloud*1	Log in to cloud.
Logout from cloud*2	Log out from cloud.
Cloud menu*2	Display cloud menu.
Import/Export	P.90

Settings	International use setting for docomo phonebook	Set for using docomo phonebook overseas.
	docomo ID/ Wi-Fi setting	Set for using docomo services via Wi-Fi.
	Contacts display order	Set display order of phonebook entries.
	Account to display	Set a phonebook to be displayed in the phonebook list screen.
	About	Display version etc. of docomo phonebook.
Help		Display Help of docomo phonebook.

*1 Appeared when you do not log in to cloud.

*2 Appeared when you log in to cloud.

■ 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.
SNS/contacts link settings	When My SNS is set, link a displayed phonebook entry with friends on SNS.

Checking My profile and editing information

- 1 From the Home screen,  ► [docomo phonebook] ► "My profile" tab ► [Edit].
- 2 On the My profile screen, enter necessary information such as name.
- 3 [Save].

❖ Information

- Name card data created with name card creator application can be saved to My profile and be exchanged via network. When you use for the first time, in the phonebook list screen, tap the "My profile" tab ► Tap [Create new] and follow the onscreen instructions.

Importing/Exporting phonebook entries

You can export/import phonebook entries from/to a microSD card or docomo mini 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.146).
- Insert a microSD card in advance (P.169).

- 1 From the Home screen,  ► [docomo phonebook] ► "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 mini UIM card, use "Contacts" app of Xperia™. Note that only name and the first phone number can be saved because of memory space of docomo mini 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).

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. 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.140).

Message (SMS)

You can send and receive text messages up to 70 two-byte characters (up to 160 one-byte characters) with a mobile phone number as the destination.

Sending message (SMS)

- 1 From the Home screen,  ► [Messaging].**
- 2  (Write new).**
- 3 Enter the recipients phone number.**
 - Tap  ► [Add recipient] 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.93).
 - 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 also send/receive text messages to/from customers of overseas network operators. For details, see "Mobile Phone User's Guide [International Services]" or the DOCOMO International Services website.
- To send SMS to users of overseas network operators, enter "+", "Country code" and then "the recipient mobile phone number". Enter the phone number without a leading "0", if any. Alternatively, enter "010", "Country code" then "the recipient mobile phone number" in order.

To reply to the received message (SMS) overseas, you need to create a new message (SMS). To send a message, in Step 3, 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).
- Tap ☆ /  in a message (SMS) to add ★ 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 Select [Create new contact] or a phonebook to add.**
- 4 On the My profile screen, enter necessary information such as name** ► [Done].

❖Information

- For a sender registered to the phonebook, tap  or photo (image) in Step 2 to make a call or display 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 messages from several senders and recipients, in Step 2,  ► [Delete conversations] ► Mark senders and recipients you want to delete ►  ► [Delete].

Changing settings for Messaging (SMS)

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

Notification tone	Set ringtone when receiving.
Notifications	Set whether to show message (SMS) arrival notification in the status bar.
Notification vibration*	Set whether to vibrate when receiving.
Notification light	Set whether to notify with the notification LED when receiving.
Delivery report	Set whether to mark a message (SMS) you sent each time a recipient receives the message (SMS).
Message templates	Register/edit phrase to be inserted when entering message.
SIM messages	Manage messages (SMS) saved to docomo mini UIM card.
Push settings	Set a message (SMS) sent from the provider.
SMS center number	Check SMS center number.

- * While the silent mode (mute) is set, the terminal does not vibrate when receiving a message (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].**
 - To set second or later Email account, from the Home screen, tap  ► [Email] ► [Inbox] ► [Add account].
- 2 Enter your email address and password.**
 - After setting of second or later Email account, mark "Send email from this account by default." if required.
- 3 [Next].**
 - To set up an email account manually, tap [Manual setup] and follow the onscreen instructions.
- 4 Set check frequency ► Mark required items ► [Next].**

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

5 Enter account name and name displayed on emails you send ► [Next].

- 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.**
 - Tap  to select from the registered contacts. Enter in the search box at the top of the screen to display the contact list.
 - To enter multiple email addresses directly, separate with a comma (,) and then enter the next email address.
 - To add Cc or Bcc recipients, tap  ► **[Show Cc/Bcc].**
- 4 **Enter a subject and message.**
- 5 **[Send].**

❖Information

- To attach a file, while creating an email, tap  and attach a file.
- To save an email as draft, when creating an email, tap  ► **[Save as draft]** or display other screen.
- In sent/received emails, a communication data is also included other than text and image displayed on the screen and charges will apply to the data.
- 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 already set several Email account, tap **[Inbox]** ► Select an Email account to receive.
- 2 **On the Inbox tray,** .
- 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 set "Email notifications" in Account settings (P.97) and set "Inbox check frequency" to an item other than "Manual",  appears in the status bar when you receive 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.
- In the Inbox or the email message screen, tap  /  to add  star and the email is added to "Starred" folder. To check starred emails in a list, in the Inbox, **[Inbox]** ► **[Show all folders]** ► Tap **[Starred]**.

Changing Inbox view

- 1 From the Home screen,  ► [Email].
- 2 Tap  ► [Settings] ► [General] ► [Preview pane].
- 3 [Landscape].

❖ Information

- If you have two or more accounts, change made in any of the accounts applies to all accounts.
- To switch to the landscape view, turn Auto rotate screen on beforehand (P.41).

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.
 - The attached file is saved on the internal storage.

Replying/Forwarding email

- 1 From the Home screen,  ► [Email].
- 2 Tap an email to reply or forward ► Any of  (Reply)/  (Reply all)/  (Forward).
 - When you tap , 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 several emails, in Step 2, mark several emails ►  ► [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.

Account name	Change account name.
Your name	Change your name (sender name).
Signature	Change your signature.
Quick reply	Register phrase that can be inserted when creating an email.
Default account	Set whether the account is the default account for creating emails.

DATA USAGE	Inbox check frequency	Set whether to check new messages automatically and intervals of automatic check.
	Auto download attachments* ¹	Set whether to download attached file automatically when connecting via Wi-Fi.
	Pre-download emails	Set whether to download whole email including the message text before the email is opened.
NOTIFICATION SETTINGS	Email notifications	Set whether to show email arrival notification in the status bar.
	Select ringtone	Set ringtone when receiving.
	Vibrate* ²	Set whether to vibrate when receiving.
	Notification light	Set whether to notify with the notification LED when receiving.
SERVER SETTINGS		Set incoming/outgoing server.
SECURITY		Select certifications, set digital signature or encryption.

Delete account	Delete Email account.
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*1 Appears when Gmail account (@gmail.com) is set.

*2 While the silent mode (mute) is set, the terminal does not vibrate when receiving an email.

❖Information

- The items vary depending on the account type.
- If you set "Inbox check frequency" to an item other than "Manual", and if you are using the pay-as-you-go data communication, you may be charged every time you check email.
- If you tap [General] in Step 3, you can change whole "Email" app settings.

Gmail

Set a Google account. You can use Gmail to send and receive emails.

- If you do not set a Google account, set following the onscreen instructions (P.165).
- 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  ► [Gmail] ►  ► [Help].

Sending Gmail

- 1 **From the Home screen,**
 ► [Gmail].
- 2  (Write new).
- 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 add Cc or Bcc recipients, tap  ► [Add Cc/Bcc].
- 4 **Enter a subject and message.**
- 5  (Send).

❖Information

- To attach a picture or a video, tap  ► [Attach picture]/[Attach video] ► Select a file to attach.

Refreshing Gmail

- 1 **From the Home screen,**
 ► [Gmail].
- 2  ► [Refresh].
 - Synchronizing "Gmail" app in the terminal with your Gmail account starts, and the Inbox is refreshed.

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
 - Out of service area
 - While power is off
 - During International roaming
 - During Airplane mode
 - While updating software
 - Upgrading Android software
 - 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 buzzer sound or dedicated ringtone and vibration.

- Ringtone and ringtone 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].**
 - For the first activation, 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**

- 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.

Other settings	Set receiving/deleting Area Mail other than earthquake early warning, tsunami warning and disaster/evacuation information.
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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,
▶▶.

Opening incognito tab

You can view web pages without browsing history or search history.

- 1 From the Home screen,
▶▶▶[New incognito tab].
- 2 Display a web page.

❖Information

- In incognito tab,  is displayed on the left side of address entry field.

- Web pages you view in the incognito tab does not appear in the history. When the tab is closed, the record of Cookies etc. is erased. Downloaded files or bookmarked web pages are saved even for the incognito tab.

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 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] ► "History" tab.
- 2 **Tap a viewing timing such as [Today], [Yesterday], or [Most visited].**

❖Information

- Alternatively, on the web page screen, touch and hold  to check 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].**
 - 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

You can obtain useful and interesting contents which meet your needs at dmarket.

- 1 **From the Home screen, [dmarket].**
 - For the first activation, on the "dマーケットソフトウェア使用許諾契約書 (dmarket software user agreement)" screen, mark "Agree"▶Tap [Start use].

❖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.165).
- For details on how to buy applications, return, request a refund, from the Home screen, [Play Store]▶▶[Help] to see Google Play Help.

Installing applications

- 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.
 - Be careful especially about applications which access many functions or large amount of data. Downloading an application means that you are responsible for the consequences of using the application on the terminal.

❖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 disconnect packet communication manually, from the Home screen,  ► [Settings] ► [More...] ► [Mobile networks] ► Unmark "Mobile data traffic" ► Tap [Yes].
- Some applications may be updated automatically.

Deleting application

- 1 From the Home screen, [Play Store].**
- 2  ► [My apps].**
 - If "My Apps" items are not displayed when tapping , tap [Play Store] at the upper left 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] ►  ► Tap [Help] 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.

Electronic money or points can be saved in the IC card or the docomo mini 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 mini 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.
 - If the data in the IC card or the docomo mini 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 saved in the docomo mini UIM card

Using "Osaifu-Keitai compatible service"

- 1 From the Home screen,**
 ► **[Osaifu-Keitai].**
 - For the first activation, 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

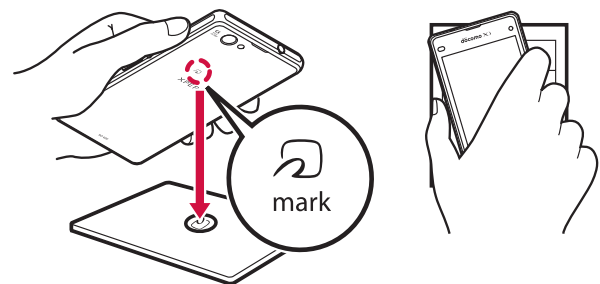
- You can scan and write data to or from an IC card reader without activating Osaifu-Keitai compatible application.
- The function is available even if the terminal is off, but it may not be available when the terminal has been turned off for a long time or battery level is low.
- You can use Osaifu-Keitai compatible service even when the PIN code 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] ►
[Reader/Writer, P2P] ► [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. Set security question and answer in case you forget the pattern following the onscreen instructions.
- 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.
- If you forget the "NFC/Osaifu-Keitai lock" password, from the Home screen,
 ► **[Settings] ► [More...] ► [NFC/Osaifu-Keitai settings] ►  ► Tap [Forgot password?], then answer the secret question that you set when setting the password to unlock the data in the IC card equipped in the terminal.**
- When unlocking "NFC/Osaifu-Keitai lock", insert the same docomo mini 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 (R/W), Peer-to-Peer communications function (P2P), etc.

iDアプリ (iD application)

"iD" is a convenient electronic money by credit clearance scheme. You can enjoy shopping simply and conveniently only by holding Osaifu-Keitai with credit information set or the iD-compatible card over the IC card reader in stores. Because up to 2 types of credit information can be registered in Osaifu-Keitai, you can use them according to the benefits, etc.

- To use iD with Osaifu-Keitai, subscribing to a card issuer that supports iD, settings for iD application are required.
- The charges required for iD service (including the annual charge) vary by card issuer.
- A packet communication charge for overseas use differs from the one in Japan.
- For details on iD, refer to iD website.
<http://id-credit.com/> (In Japanese only)

ToruCa

ToruCa is an electronic card that can be obtained to mobile terminals. It can be obtained from an IC card reader or site as store information, coupon ticket, etc. Obtained ToruCa is saved to the "ToruCa" application and can be displayed, searched, and updated using "ToruCa" application. For details of ToruCa, refer to NTT DOCOMO website.

❖Information

- For obtaining, displaying or updating ToruCa, a packet communication charge may be applied.
- Some ToruCa provided to i-mode terminal may not be obtained/displayed/updated.
- Depending on the settings of IP (Information Provider), the following functions may not be available.
 - Obtaining from the IC card reader, updating, sharing ToruCa, moving and copying to microSD card, displaying map*
- * ToruCa which can display a map from ToruCa (details) may not display a map from the ToruCa list.
- While "NFC/Osaifu-Keitai lock" is set, you cannot obtain ToruCa with an IC card reader.
- If you mark "重複チェック (Duplication check)", obtaining the same ToruCa redundantly is not available. To obtain the same ToruCa redundantly, unmark it.
- When you send ToruCa attaching to email, it is sent in the condition before obtaining ToruCa (details).

- Depending on email application, ToruCa received via the emails may not be saved.
- Depending on browser, ToruCa cannot be obtained.
- When ToruCa is moved/copied to the microSD card, it is moved/copied in the condition before obtaining ToruCa (details).
- You may not be able to obtain ToruCa with an IC card reader, if you do not make initial setting for Osaifu-Keitai.

1Seg

1Seg is a terrestrial digital TV broadcasting service that allows mobile devices to receive broadcasted data along with images and sounds. In addition, interactive service using communication function of mobile devices and receiving detailed information are available.

For details on "1Seg" service, see the following website.

The Association for Promotion of Digital Broadcasting

<http://www.dpa.or.jp/english/>

Using 1Seg

1Seg is a service 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. While watching 1Seg, ToruCa may be saved automatically. For obtaining a detailed information of saved ToruCa, packet communication fees are charged.

Airwaves

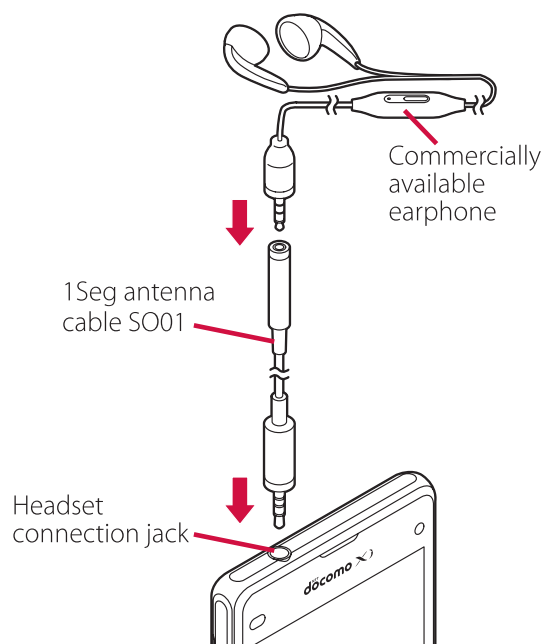
1Seg is a broadcast service and a different type of radio waves (airwaves) from that of FOMA service is received. Therefore, regardless of whether you are in or out of Xi service or FOMA service area, it cannot be received where airwaves do not reach or during broadcasting interruptions. Also, even in 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

1Seg antenna cable

To watch 1Seg with the terminal, use supplied 1Seg antenna cable SO01.

1 Connect connector plug of 1Seg antenna cable SO01 to the headset jack of the terminal.



❖Information

- To output voice sound from commercially available earphone or headphone, connect the earphone or headphone to 1Seg antenna cable SO01.

Watching 1Seg

1 From the Home screen, [TV].

- For the first activation, make channel settings according to the onscreen instructions (P.113).

2 [TV].

■ 1Seg watching screen



1Seg watching screen (Full screen)



1Seg watching screen
(with Data broadcasting)

- ① Subtitle
- ② Image
- ③ Channel, broadcasting station and program information

- ④ Reception signal level
- ⑤ Option menu
- ⑥ Record icon
- ⑦ Channel selection key
 - Touch and hold ◀ / ▶ to search available channels.
- ⑧ Data broadcasting
 - Appeared only in portrait screen.
- ⑨ Data broadcasting remote control
 - Appeared only in portrait screen.

❖ Information

- To show/hide icon such as option menu, on the 1Seg watching screen, tap an image.
- While watching 1Seg, press the volume key to adjust the sound volume.
- You can watch 1Seg in the portrait screen or landscape screen (P.41).
- To switch channels for watching, operate any of the followings.
 - Tap the channel selection key.
 - Flick an image on the 1Seg watching screen left or right.
 - Touch and hold an image on the 1Seg 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 1Seg 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 1Seg, 1Seg 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 1Seg

- 1 On the 1Seg watching screen,



.

❖Information

- You cannot exit 1Seg even if you tap  to return to the Home screen. If 1Seg remains activated, the battery may be consumed quickly.

Setting 1Seg

You can set 1Seg watching screen, data broadcasting and channel settings.

Using optional menu

Reserve recording/viewing 1Seg program or make each setting.

- 1 From the Home screen,

▶[1Seg].
- 2 [TV]▶.

Program	Program guide	Display a program guide (P.115).
	Program detail info	Display detailed information of the program currently watched.
	Program information	Display program information of the channel currently watched .
Reserve Recording/ Viewing		Reserve recording or watching programs or display reservation result list (P.115).
Change area		Register or change broadcasting area.
Subtitle/Sound setting		Enable/disable subtitle display and set subtitle position* and main/sub sound.
Settings	Data Broadcasting settings	Set whether to use the location information or the terminal information, clear the broadcasting station memory.
	Auto Exit Timer	Make a timer setting to end 1Seg watching.
	Notes	Display information before use.
	Software License	Display the software license.

* Subtitle position can be set only in 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,**
 ► [1Seg].
- 2 [TV] ► .
- 3 [Change area] ► Touch and hold 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,**
 ► [1Seg].
- 2 [TV] ► 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,
 ► [1Seg].

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, touch and hold a TV link ► Tap [Delete] ► [YES].

Recording 1Seg

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

1 From the Home screen,
 ► [1Seg].

2 [TV] ► .

- To quit recording, tap .

❖Information

- Maximum savable recorded data file size is 2GB, and maximum recordable time is approximately 640 hours in a row.
Items can be saved up to 99.
- 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,
 ► [1Seg].

2 [Recorded program list].

3 Tap a program you want to play.

❖Information

- Touch and hold a program to change or delete title.
- In Step 3, tap  to set play mode, delete all, display available memory.

Reservation of recording/ watching 1Seg program

Reserve recording/viewing TV program.

- 1 **From the Home screen,**
 ► [1Seg].
- 2 [Reserve Recording/Viewing] ► .
- 3 [New reservation].
- 4 [Viewing reservation]/[Recording reservation].
- 5 Set a program name, broadcasting 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,**
 ► [1Seg].
- 2 [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.

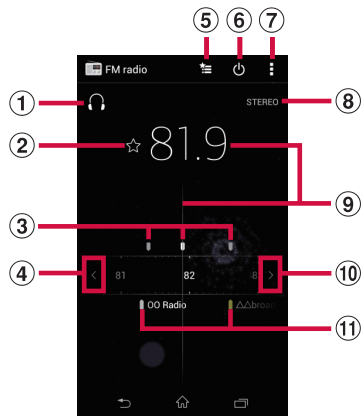
Listening to the FM radio

- 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 mini 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 Hear from a handsfree device/speaker
- ② Save/edit Favorites
- ③ Channel point displayed in a good radio wave condition
- ④ Search channels to the left
- ⑤ Show Favorites
- ⑥ On/Off of FM radio
- ⑦ Option menu
- 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 still pictures is available in the portrait and landscape screen. Landscape screen is good for shooting videos. 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.



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.127)

1 Press and hold for over a second.

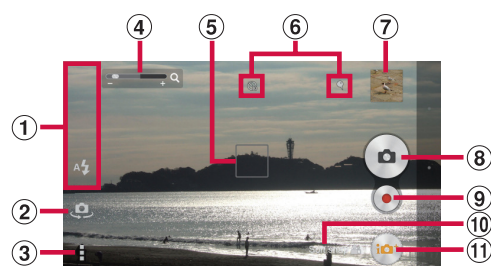
- Activating sound is emitted and the shooting screen appears.

❖ Information

- Alternatively, from the Home screen,  ► [Camera] to activate the camera.

Shooting screen and key operation

■ Shooting screen



- ① Display area of icons showing selected settings
- ② Switching to the front camera icon
- ③ Option menu

④ Zooming indicator

- Within the light gray indicator area (left half), you can shoot keeping the clearness with less degradation of images (Intelligent clear zoom). In the later of the area (right half), it functions as digital zooming.

⑤ Auto focus frame

⑥ Display area for status icons

- Icons of set items such as Self-timer, Geotagging, etc. are displayed.

⑦ Thumbnail

- Tap a thumbnail to open viewing/playback screen for still pictures/videos taken (P.129).

⑧ Shutter icon (still picture)

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.

⑪ Capturing mode icon (P.118)

■ Key operation

Volume key : Zoom/volume/shutter*

 : Shutter

 : End Camera

* It varies by settings in Use Volume key as (P.124). "Zoom" is set by default.

❖ Information

- Alternatively, on the shooting screen, pinch out/in to zoom in/out.
- When capturing mode is set to "Social live by Bambuser", "AR effect" or "Sweep Panorama", or shooting with Front camera, zooming is not available.

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.

It detects if the camera is fixed () or object is moving () and determines the most suitable scene mode.

Scene is recognized from "Soft snap", "Landscape", "Backlight", "Backlight portrait", "Night scene", "Night portrait", "Document", "Macro", "Low light", "Infant", or "Spotlight", and the icon is displayed.

Manual

Change settings for shooting still pictures or videos manually.

Info-eye™

When a still picture is shot, information of the object is acquired.

Social live by Bambuser

Share experience with friends on Facebook in real-time.

Timeshift burst

Select the best shot from continuous shot images before and after pressing the shutter.

61 still pictures in total are shot continuously for a second before and after pressing the shutter and all the still pictures are saved. A still picture selected from the thumbnails on the preview screen after shooting is used as cover image displayed in "Album" application.

AR effect

Shoot still pictures with virtual world such as age of the dinosaurs, under the sea, etc.

Picture effect

Shoot impressive pictures with various shooting effects.

Sweep Panorama

Shoot panorama pictures by moving the terminal.

Aligning the white frame displayed on the shooting screen with the black frame, slowly move the camera to shoot.

Information

- Press and hold  for over a second ► Tap a capturing mode icon ► [Apps] to download camera application from Sony Select and add to capturing mode.

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 .

- To shoot still pictures using auto-focus function, touch and hold  and release your finger when the auto focus frame turns blue and you hear a beep. A still picture is shot as soon as you release the finger.

■ Shooting with "Touch capture"

Set "Touch capture" to ON, then shoot.

1 Press and hold  for over a second.

2  Tap " " tab Tap  in "Touch capture" or drag it right▶ .

3 Tap the shooting screen.

- To shoot still pictures using auto-focus function, tap the screen and release your finger, and then the auto focus frame turns blue and you hear a beep. A still picture is shot.

■ 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.
- If the auto focus frame does not appear, auto-focus does not operate correctly.
- When you connect a commercially available earphone set or other Bluetooth device, shutter sound may be softer.
- When capturing mode is set to "Info-eye™", "Social live by Bambuser", "Timeshift burst", "AR effect" or "Picture effect", "Touch capture" is not available.

Recording videos

■ Shooting with the start/stop icon

- 1 Press and hold  for over a second.**
- 2 Tap  /  to start/stop shooting.**
 - When the shooting mode is set to "Manual", tap  to display the video shooting screen, then tap .

■ Shooting with "Touch capture"

Set the capturing mode to "Manual", display the video shooting screen and set "Touch capture" to ON to start shooting.

- 1 Press and hold  for over a second.**
- 2 Tap the capturing mode icon▶[Manual]▶ .**
- 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
Set the capturing mode to "Manual" and display the video shooting screen to start shooting.

- 1 Press and hold  for over a second.
- 2 Tap the capturing mode icon ► [Manual] ► .
- 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.
- While shooting a video, tap  to shoot still pictures. Shot image sizes vary by video resolution setting.
Full HD : 2 megapixel (1920×1080), 16:9 aspect ratio
HD : 1 megapixel (1280×720), 16:9 aspect ratio

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.

■ Resolution (only for still picture)

Set the resolution for photo. An image with a higher resolution requires more memory.

- When "20.7MP" is set, "HDR" and "Scene selection" cannot be set.
- When the capturing mode is set to "Superior auto", shoot in "8MP" (16:9), or when it is set to "Timeshift burst", "AR effect" or "Picture effect", shoot in "2MP" (16:9).

■ Video resolution (only for video)

Set the resolution for video. An image with a higher resolution requires more memory.

- When the capturing mode is set to "Superior auto", a picture is shot in "Full HD".

■ Self-timer

Shoot after set period of time (seconds) elapses.

You can also 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.128).

■ 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.127).

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.

■ ISO (only for still picture)

Set ISO sensitivity.

- With ISO sensitivity up, you can shoot clear picture reducing blur even in a place where lighting 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.

Center

Put emphasis at the center of the shooting screen and measure photometry at whole view finder to adjust the exposure.

Average

Adjust the exposure based on the brightness of the whole shooting screen.

Spot

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

■ Image stabilizer/SteadyShot™

Set whether to decrease blur by hand shake when shooting.

■ **Soft skin effect (only for shooting with front camera)**

Set whether to shoot a picture making human skin look smoother.

■ **Preview (only for still picture)**

Set the time duration for displaying preview right after shooting a still picture.

- When it is set to "Edit", the editing screen appears after shooting.

■ **Burst with longpress (only for still picture)**

Set whether to shoot continuously when touching and holding  /touching and holding the shooting screen ("Touch capture" is On)/pressing and holding  for over a second. Pictures are continuously shot while touching and holding/pressing and holding.

■ **Face registration (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.127).

■ **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.

■ **Auto upload**

Set whether to upload shot still pictures/videos to PlayMemories® Online automatically.

■ **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.

❖ **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.

Torch

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

Activate camera to shoot while using other application, or from the lock screen, the Home screen, etc.

- 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

- By default, on the lock screen, tap  to activate camera. Alternatively, drag  to the left to activate camera.
- The capturing mode will be automatically set to "Superior auto" when pressing and holding  for over a second or dragging  left.

Shooting with Face detection

Focus on a face located away from the center.

- 1 Press and hold  for over a second.**
- 2 Tap the capturing mode icon ► [Manual].**
- 3  ► "" 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  ► "  " tab/"  " tab ► [Smile Shutter]/[Smile Shutter (video)].
- 3 Select 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.120) to shoot a still picture.

❖Information

- When "Smile Shutter (while recording)" 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].

■ Image list screen



- ① Pictures tab
 - Pictures are displayed in a list of chronological order.
- ② My albums tab
 - You can view albums in a list. You can view images on a map, saved images, shot images, images on an online service, and images on a device registered in the Media server.
- ③ Option menu
- ④ Burst with longpress files
- ⑤ Timeshift burst files
- ⑥ Video files

❖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.

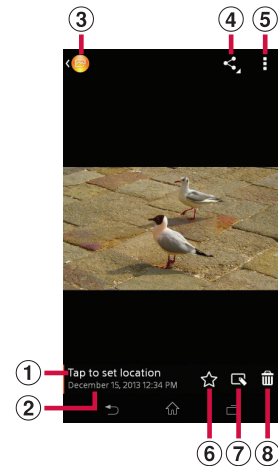
Viewing a photo/video

1 From the Home screen, [Album]▶Tap a photo/video.

- For Burst with longpress files, tap a photo.
- For Timeshift burst files, tap the screen▶Tap  to check all saved photos.
- For videos, tap .
- Tap the screen to display information such as shooting date, option menu icons, etc.

■ Photo viewing screen

- Video playback screen (P.132)



- ① Location information
 - Tap to add geotagging. For a geotagged photo, a country name and a region name appear, and tap it to view the photo on the map.
- ② Shot date
- ③ Return to the image list
- ④ Sharing menu (P.130)
- ⑤ Option menu (P.130)
- ⑥ Add to/remove from Favorites
- ⑦ Operate photos
 -  : Edit photos
 -  : Play the Burst with longpress files in slideshow
 -  : Check Timeshift burst files
- ⑧ 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 in slideshow, edit, register or check the detail information. When "Throw" is selected, files can be shared between DLNA device, Bluetooth device or screen mirroring compatible device and the terminal.

❖ Information

- Different options may be shown or some items cannot be operated in some image files.
- To operate several image files, from the Home screen, [Album]▶ ▶ [Select items]▶ Select an image file to operate.
- 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, ▶ [YouTube].

- If you do not set Google account, the Google account setting screen appears. Follow the onscreen instructions.
- When a message appears, follow the onscreen instructions.

2 Tap a video to play it.

- Tap  to search videos.

❖ Information

- To delete search history, in Step 2, tap ▶ [Settings]▶ [Search]▶ [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)

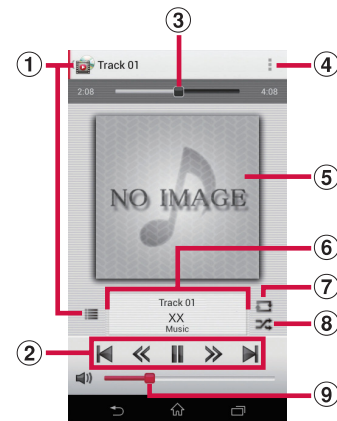
❖ Information

- For details on Media Player, from the Home screen,  ► [Media Player] ►  ► Tap [Help] to refer to the manual of Media Player.

Playing music/video

- From the Home screen,**
 ► [Media Player].
 - When you activate for the first time, a screen for introducing Media Player appears. Follow the onscreen instructions.
- Tap a tab at the bottom of the screen.**
- Tap a song/video.**

■ Music playback screen

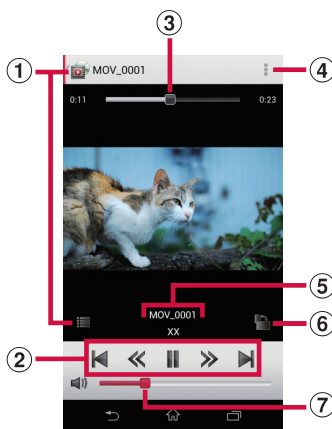


- ① Back to song list
- ② Operate a song
 : Go back to the beginning of the song or to the previous song
 : Fast rewind
 : Pause
 : Play
 : Fast forward
 : Skip to the next song
- ③ Playback point
- ④ Option menu
- ⑤ Album art
- ⑥ Song information
- ⑦ Repeat OFF/Repeat ON/1 track repeat
- ⑧ Shuffle OFF/Shuffle 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 Back to video list
- ② 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
- ③ Playback point
- ④ Option menu
- ⑤ Video information
- ⑥ Auto-rotate screen ON/OFF
 - Tap  to turn red and disable Auto-rotate screen.

⑦ Volume control

- Alternatively, on the playback screen, press the volume key to adjust the volume.

❖ Information

- While in landscape view, tap the screen to display option menu icons etc.

Ending Media Player

- 1 On the Media Player screen/song player screen/video 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.28). 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.142).
- NTT DOCOMO is not liable for navigation services or for the accuracy of location services.

Activating GPS/Location services

You can position current location using GPS, Wi-Fi or information sent from base stations of mobile network.

- 1 **From the Home screen,**
 ► **[Settings].**
- 2 **[Location services].**
- 3 **Tap or drag right**  **for "Access to my location".**
- 4 **Read note on GPS location services and tap [Agree] ► Read Location consent and tap [Agree].**

❖Information

- The agreement for location information may appear in Step 4.
- 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.
- "GPS satellites" and "Google's location service" can be set individually.

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.
- Only using LTE/3G/Wi-Fi connection may not detect some locations.

Finding the current location on the map

You can detect your current location using location information service.

- To detect current location, enable the location information service (P.134) beforehand, then allow Google application to access the location information. If you set a Google account, from the Home screen, tap  ► [Settings] ► [Google] ► [Location settings] to set. If you do not set a Google account, from the Home screen, tap  ► [Maps] ►  ► [Settings] ► [Google location settings] to set.

1 From the Home screen, ► [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 with two fingers the screen.

Viewing Street view

1 From the Home screen, ► [Maps].

2 In the street view, touch and hold a point you want to show ► Tap information displayed at the bottom of the screen.

3 [Street View].

Searching for a location

- 1 From the Home screen,  ► [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,  ► [Maps].
- 2  ► Select information to display.

Navigating

You can receive detailed guides for your destination.

- 1 From the Home screen,  ► [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, [Schedule].
 - For the first activation, 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, tap [同意する (Agree)].
- 2 [Switch disp] ► Tap [Monthly]/[Weekly time-line]/[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, "Jump to" in Step 2 ► [Today]/drag a number to set date, then tap [Jump].

Creating schedule event

- 1 From the Home screen, [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, [Schedule]▶Display scheduled date/time.**
 - In Monthly 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 [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, [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 [タイトル (title)], [本文 (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 **[Done].**

❖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.

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 (ドコモクラウド) (Data Storage BOX (docomo cloud))" 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.158).
- To back up/restore to/from Data Storage BOX, log-in to docomo cloud is needed. To log in, download データ保管BOX (Data Storage BOX) application and enable cloud settings (P.139).

❖Information

- For the first activation, on the Software license agreement screen, tap [Agree]. Also, follow the onscreen instructions to set notification of regularly backup.
- 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.

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. If you do not download データ保管BOX (Data Storage BOX) application, on the confirmation screen, tap [Download], then follow the onscreen instructions to download.
- 3 **Mark the data to back up.**
- 4 **[Start backup] ► [Start backup].**
- 5 **Enter docomo apps password ► [OK].**

❖Information

- When backup reminder in backup reminder settings is enabled, backup can be notified regularly.

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 [Overwrite]/[Add] ► [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 card].
- 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 card].
- 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] ► [Start 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.142
DEVICE	P.151
PERSONAL	P.158
ACCOUNTS	P.165
SYSTEM	P.166

WIRELESS & NETWORKS

Wi-Fi		P.142
Bluetooth		P.172
Data usage		P.145
Xperia™ Connectivity		P.146
More...	Airplane mode	P.147
	Mobile networks	P.147, P.185
	Tethering & portable hotspot	P.148
	VPN	P.150
	NFC / Osaifu-Keitai settings	P.104, P.174

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.

- Even when Wi-Fi is on, packet communication is available. However, while you connect Wi-Fi network, Wi-Fi comes first.
- 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.

Before using Wi-Fi

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

- To access the Internet using Wi-Fi function, connect to Wi-Fi network in advance.

❖ Information

- Make sure to receive signal strong enough for using Wi-Fi function. The signal strength of the Wi-Fi network varies by the location of the terminal. Moving closer to the Wi-Fi router might improve the signal reception.

■ 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 10 or more meters away from a wireless LAN device.
- Within 10 meters, turn off the Bluetooth device to be connected.

Turning on Wi-Fi

- 1 **From the Home screen,  ► [Settings] ► Tap or drag right of Wi-Fi**


❖Information

- It may take a few seconds before the Wi-Fi connection is on.

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,  or  ► [WPS Pin Entry]. Follow the onscreen instructions.
 - Scanning for Wi-Fi networks manually,  ► [Scan].

❖Information

- When Wi-Fi network is disconnected by turning Wi-Fi off, a Wi-Fi network will automatically be connected if available Wi-Fi networks are found when Wi-Fi is turned on.
- When the terminal is connected to Wi-Fi network successfully, "Connected" appears. When a different message appears, make sure the password (security key).
When "Connected" does not appear 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 message after [Connect] is tapped.
- 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.

Disconnecting a Wi-Fi network

- 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.143).

- 1 From the Home screen,  ► [Settings] ► [Wi-Fi].
- 2  ► Enter a network SSID of the Wi-Fi network you want 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] ►  .

Scan		P.143
WPS Pin Entry		P.143
Wi-Fi Direct		P.145
Advanced	Network notification	Set whether to notify when Wi-Fi open network is detected. • Turn Wi-Fi on beforehand (P.143).
	Keep Wi-Fi on during sleep	Set to disable the Wi-Fi function when the screen backlight turns off. Also set the terminal to always turn on the Wi-Fi function or to always turn it on when the terminal is charged.
	Avoid poor connections	Set whether to use LTE/3G/GSM network mode when Wi-Fi radio waves are weak or communication quality is bad.
	Wi-Fi optimization	Set whether to control the battery power consumption when Wi-Fi is on.
	Auto IP support	Enable/disable Auto IP function.
	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.143).

- 1 **From the Home screen,**
 ► [Settings] ► [Wi-Fi].
- 2  ► [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 communication or drag it to the right.
- 3 **Read the note and tap [Yes].**

Setting data usage limit

- 1 **From the Home screen,**
 ► [Settings] ► [Data usage].
- 2 **[Set mobile data limit] ► Read the notes 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 Tap "Data usage cycle" setting item ► Set period/[Change cycle...].
 - When you tap [Change cycle...], select reset date ► [Set].

Using optional menu

- 1 From the Home screen,
 ► [Settings] ► [Data usage] ► .

Data roaming	Set whether to permit data roaming.
Restrict background data	Set whether to restrict background data.
Auto-sync data*	Synchronize information of online service with the terminal. You can display and edit information on the terminal or a PC.
Show Wi-Fi usage	Set whether to display Wi-Fi usage status.
Mobile hotspots	Set to restrict use of specified Wi-Fi network.

* You need to set your online service account (Google account, Facebook account, etc.) in the terminal to synchronize in advance.
To change online service items for synchronizing, from the Home screen,  ► [Settings] ► Select an account type ► Select an account to change ► Mark items to be synchronized.
Setting Auto-sync data, communication occurs to synchronize and a packet communication charge may be applied.

Xperia™ Connectivity

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 that supports Screen mirroring to display the screen of the terminal.
Media server settings	P.179
DUALSHOCK™3 wireless controller	Use a commercially available USB host cable to connect DUALSHOCK™3 wireless controller to the terminal.
Start MirrorLink™	Set to allow a device compatible with MirrorLink to operate the terminal using microUSB cable. Copyright protected data cannot be displayed.
USB Connectivity	P.176

- * 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 **Mark [Airplane mode].**
 - When Airplane mode is on,  appears on the status bar.

❖ Information

- Alternatively, press and hold  for over a second ► Tap [Airplane mode] to set Airplane mode to on/off.
- Even if Airplane mode is on, Wi-Fi, Bluetooth function and NFC Reader/Writer, P2P function can be turned on. Be careful not to use these functions in a place where the use is prohibited such as in a airplane or hospital.

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 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

- When several available access points are displayed, a marked radio button to the right indicates the active access point.

Setting an access point additionally

- 1 **From the Home screen,**
 ► **[Settings] ► [More...] ► [Mobile networks] ► [Access Point Names].**
- 2  ► **[New APN].**
- 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. If you change MCC/MNC to other than the default value (440/10), the set new APN does not appear on the APNs screen. When the set new APN does not appear on the APNs screen, ⓘ ▶Make APN settings with "Reset to default" or "New APN" again.
- Note that, when using the prediction conversion by one-byte alphabet entry mode (English mode) with mark in "Auto space" (P.70) on Japanese keyboard settings screen, spaces may be entered automatically when the prediction option is confirmed. In this case, delete spaces.

Initializing an access point

1 From the Home screen,  ▶[Settings]▶[More...]▶[Mobile networks]▶[Access Point Names].

2 ⓘ ▶[Reset to default].

sp-mode

sp-mode is ISP for NTT DOCOMO smartphone. In addition to accessing Internet, you can use the mail service using the same address as i-mode mail (@docomo.ne.jp), etc. sp-mode is a service requiring subscription. For details on sp-mode, refer to NTT DOCOMO website.

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**

- Packet communication charge when using tethering varies depending on the charging plan you use. Subscription of packet flat-rate service is highly recommended.
- For details on usage charge, see the following website.
<http://www.nttdocomo.co.jp/english/>
- When the docomo mini UIM card is not inserted, mobile data communication is disabled, or the terminal is out of service area, USB tethering or Wi-Fi tethering, and Bluetooth tethering using 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 Micro USB Cable 01
(optional) 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 [USB tethering].
- 4 Confirm "Details" ► [OK].

❖ Information

- System requirements (OS) for USB tethering are as follows.
 - Microsoft Windows 8/8.1
 - Microsoft Windows 7
 - Microsoft Windows Vista
 - Microsoft Windows XP*
 - Linux
- * For Microsoft Windows XP, installation of PC Companion is required.
- 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 [Portable Wi-Fi hotspot].
- 3 Confirm "Details" ► [OK].

❖ 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.
 - "Xperia Z1 f_XXXX" 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 security information of the Wi-Fi access point to set as required.

6 [Save].

❖ **Information**

- By default, the password is set at random. You can change the password as desired.

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 [Bluetooth tethering].

3 Confirm "Details"▶ [OK].

❖ **Information**

- For using Bluetooth tethering from a Bluetooth device, set it paired with the terminal. For details on Bluetooth function, see "Bluetooth function" (P.172).
- 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**

- If you set sp-mode as an ISP, you cannot use PPTP.
- To set up a VPN access 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.162).

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].

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 **Drag the status bar downwards.**
- 2 **Tap a notification that indicates VPN connected.**
- 3 **[Disconnect].**

DEVICE

Personalization	P.151
Call settings	P.84, P.188
Sound	P.152
Display	P.153
Storage	P.155

Power management	P.156
Apps	P.156

Personalization

Theme	You can change themes for the Home screen, wallpaper of the lock screen, etc.
Wallpaper	P.74
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.
Simple Home	P.49
Lock screen	P.151
Quick settings	Change number of quick settings (P.45) or sort the order.

Changing wallpaper of the lock screen

- You can change the wallpaper when "Set all to" or "Lock screen" in Preferred apps settings (P.151) is set to "Xperia™".

- 1 **From the Home screen,**
 ► [Settings] ► [Personalization] ► [Lock screen].
- 2 **[Album]/[Xperia™ wallpapers].**
 - After this step, follow the onscreen instructions.

Sound

Sound effects	ClearAudio+	The sound setting for music recommended by Sonny. It helps optimize the settings for digital signal processing technology with a one-touch operation.
	Sound enhancements	Set sound effects.
	Dynamic normalizer	Set to play at a comparable volume when songs with different volume levels are played at random.
Volumes		P.153
Phone ringtone		P.153
Increasing ringtone*		Set whether to increase ringtone volume gradually when there is an incoming call.
Vibrate when ringing		Set whether to vibrate the terminal when receiving a call.
Notification sound		P.153

Dial pad touch tones	Set whether to emit dialpad operation sound.
Touch sounds	Set whether to emit sound when selecting menu.
Screen lock sound	Set whether to emit sound for canceling the screen lock.
Vibrate on touch	Set whether to vibrate the terminal for some operations such as specified software key operation.

* When silent mode is ON, ringtone volume does not increase.

❖ Information

- For silent mode, see "Setting silent mode" (P.41).

Adjusting each sound volume

Adjust volumes for playing media, ringtone, notification sounds and alarms.

- 1 **From the Home screen,**
 ► **[Settings] ► [Sound] ► [Volumes].**
- 2 **Drag the slider to the right or left.**
- 3 **[OK].**

❖ Information

- Even if alarm volume is set in Volumes, set in "Alarm & clock" app is given priority (P.137).
- Press Volume key when the Home screen is displayed to adjust the volume for ringtone. Press Volume key while receiving a call to mute the ringtone.

Setting a ringtone/notification sound

- 1 **From the Home screen,**
 ► **[Settings] ► [Sound] ► [Phone ringtone]/[Notification sound].**
- 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 volume of "Music, video, games & other media" is muted (Volume 0), ringtone or notification sound cannot be heard.

Display

X-Reality for mobile	Adjust pattern, outline and color component by analyzing elements according to scenes of movie. In pattern, highlighten delicate pattern of the subject and describe fine texture. Also, emphasize the outline clearly and reproduce sharpness. In color component, capture various shades and colors of nature accurately and reproduce vividness.*
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	P.154
White balance	P.154
Auto-rotate screen	P.41
Sleep	Set a time before the screen back light turns off.
Daydream	P.154
Font size	Set font size.
Pulse notification light	Set whether to notify missed call etc. with blinking notification LED.

* Image quality improving procedure for still pictures is effective only for viewing in "Album" application.

Adjusting the screen brightness

- 1 From the Home screen,  ► [Settings] ► [Display] ► [Brightness].
- 2 Drag the slider to the right or left.
- 3 [OK].

❖ Information

- Mark "Adapt to lighting conditions" to adjust brightness automatically according to the ambient brightness with reference to the manually set brightness.

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, tap  ► [Default values] ► [Done] to reset back to the default setting.

Setting screen-saver

- 1 From the Home screen,  ► [Settings] ► [Display] ► [Daydream].
- 2 Tap  in Daydream or drag it right.
- 3 [When to daydream] ► Select a timing to start.
 - Tap [Start now] to activate screen-saver.

❖ Information

- Tap  to change the theme.

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.
	Clear 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

- 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.102).
 - Uninstall programs that you no longer use (P.157).

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.
Location-based Wi-Fi	When entering to the registered Wi-Fi network area, the terminal connects the Wi-Fi network automatically to reduce the battery power consumption.
Status bar information	Display remaining battery level in percentage.
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.

Verify apps information

- 1 From the Home screen,  ► [Settings] ► [Apps].
- 2 Tap an application to view.

❖ Information

- 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

When the application does not reply, you can force-quit the application.

- 1 From the Home screen,  ► [Settings] ► [Apps].
- 2 Tap an application to force-quit.
- 3 [Force stop].
- 4 Read the note and tap [OK].

❖ Information

- When you do not want to force-quit the application, tap [Cancel] and wait for a reply of the application.

Deleting application data or 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.**
 - To delete application data, tap [Clear data] ► Read the note and tap [OK].
 - To delete application, tap [Uninstall] ► [OK].

❖ Information

- Some applications pre-installed cannot be deleted (uninstalled). For some applications which cannot be uninstalled, disabling is possible (P.157).
- Applications downloaded from Play Store are recommended to be deleted from the Google Play screen (P.104).

Disabling application

You can disable some applications which cannot be uninstalled or services. 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].**
- 5 Read the note 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 application

You can reset disabling applications (P.157), settings for activating application (P.156), or restricting background data.

- 1 From the Home screen,**
 ► [Settings] ► [Apps].
- 2  ► [Reset app preferences].**
- 3 [Rest apps].**

PERSONAL

docomo service/cloud	P.158
Location services	P.159
Security	P.159
Language & input	P.163
Backup & reset	P.164
Setup guide	P.38

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.
Application manager	Manage to install applications provided by NTT DOCOMO and set to check updates for applications regularly.
docomo Wi-Fi Easy Connection	Set the terminal for using docomo Wi-Fi or Home Wi-Fi.
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.

Data usage check	Set totaling cycle or starting/stopping measuring for データ量確認アプリ (Check data traffic application).
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 erasing all data etc. in the terminal all at once.
Profile setting	Check or change your profile information used for docomo services.
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 services

Access to my location	P.134
Let Google apps access your location	Set whether to allow Google application to access the location information.
GPS satellites	Set whether to permit applications to identify your current location using GPS.
Google's location service	Set whether to permit Google to use location information using result etc. of Google search.

Security

Screen lock	P.162
Improve face matching* ¹	Improve face unlock accuracy.
Liveness check* ¹	Set whether to require blinking for unlocking by Face Unlock.
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. Marking "Show owner info on lock screen" displays owner information on the lock screen.
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.162
Make passwords visible	Set whether to show the input character before " · " appears on the password entry screen.
Device administrators	Set whether to enable device administrator.

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.
Verify apps	Set whether to prohibit installation of possibly harmful applications or to warn before installation.
Trusted credentials	Display trusted CA credentials.
Install from internal storage	Install encrypted certificates.
Clear credentials	Clear all certificates or credential information from the credential storage.*3*4

*1 Displayed items vary depending on "Screen lock" settings.

*2 Recording is not available if a docomo mini UIM card is not attached.

*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 encryption while charging the terminal with the battery fully-charged and continue to charge until the encryption is complete.
- To decrypt the terminal, reset (P.164) 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 drivers license), the terminal, and docomo mini 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 drivers license), the docomo mini 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.

You can change your network security code to new one using a PC if you have "docomo ID"/"Password" for "My docomo", the General support site for PC.

Alternatively, from the Home screen, [dmenu]▶[お客様サポート (Customer support)]▶[各種お申込・お手続き (Various applications/procedures)] to change the security code yourself.

* For information on "My docomo" and "お客様サポート (Customer support)", see the previous page of the last page.

■ PIN code

You can set security code which named PIN code to docomo mini UIM card. It is set "0000" at the subscription. They can be changed 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 mini UIM card by a third party every time you insert the docomo mini 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 mini 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.161).

■ 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 mini 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 a new PIN code again ► [OK].

Unlocking PIN lock

- 1 Enter a PUK code ► .
- 2 Enter a new PIN code ► .
- 3 Enter a new PIN code again ► .

Setting screen unlock method

You can secure your data 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 a PIN code to be set to docomo mini UIM card (P.161).

Locking the screen

When  is pressed to turn on the sleep mode or the screen backlight automatically goes off after screen unlock method (P.162) is set, the screen is locked.

- To cancel the screen lock, press  to turn the backlight on ► Enter unlock method on the screen.

- To cancel screen lock pattern after you set, from the Home screen,  ► [Settings] ► [Security] ► [Screen lock] ► Enter the current unlock pattern/PIN/password ► [None].

If you forget how to unlock

■ If you set "Pattern"

"You have incorrectly drawn your unlock pattern 5 times. Try again in 30 seconds." appears when you enter incorrect unlock pattern 5 times consecutively.

- When you set a Google account, [Forgot Pattern?] ► Enter Google account and password ► [Sign in] to unlock the screen lock and reset a new unlock pattern.

❖ Information

- If you set multiple Google accounts, enter one of those accounts and password to unlock the screen.

■ If you set "PIN" or "Password"

Please contact a docomo Shop.

Language & input

Language	Change phone language.
Spell checker	Set whether to run the spell checker.
Personal dictionary	Register words.
Default	Select input method.
Google voice typing	P.66
Moji-Henshu	
Xperia™ Chinese keyboard	
Xperia™ Japanese keyboard	
Xperia™ keyboard	
Voice Search	P.164
Text-to-speech output	P.164
Pointer speed	Set pointer speed when a mouse or trackpad is used.

❖ 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-02f/faq.html>

Setting Voice Search

Language	Select language used for Google voice search.
Speech output	Set voice output.
Block offensive words	Set whether to display recognized offensive voice results.
Download offline speech recognition	Download voice recognition data for offline use.
Bluetooth headset	Set whether to record voice sound with Bluetooth headset.

* If the phone language is set to "English (United States)", "Hotword detection" appears in the list.

Setting Text-to-speech output

Google Text-to-speech Engine*	Set language for text-to speech and audio synthesis engine to read out text.
Pico TTS*	Make settings for installed voice synthesis engine.
Speech rate	Set speed at reading out text.
Listen to an example	Playback sample of audio synthesis.

* Japanese is not supported.

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.164

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.
- Initial settings (P.38).

1 From the Home screen,  ► [Settings] ► [Backup & reset] ► [Factory data reset] ► [Reset phone].

- Mark "Erase internal storage" to delete all contents (music, photos, etc.) on the internal storage.

2 [Erase everything].

ACCOUNTS

Setting an account

Manage (add or delete) online service accounts or synchronize contacts, calendar, etc. saved in online services with the terminal.

- Auto-sync data (P.146)

Setting 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] ► [Add account] ► [Google].
- 2 Follow the registration wizard, set a Google account.

❖Information

- A Google account registered by marking "Keep this device backed up with my Google Account" on the "Backup and restore" screen or "Backup" screen 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] ► [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.139) provided by NTT DOCOMO. docomo account is set by default.

Removing account

- 1 From the Home screen,  ► [Settings] ► Select an account type ► Select an account you want to delete.
- 2  ► [Remove account] ► [Remove account].

❖Information

- docomo account cannot be deleted.

SYSTEM

Date & time	P.166
Accessibility	P.166
About phone	P.167

Date & time

- To set date/time or time zone manually, unmark "Automatic date & time" or "Automatic time zone" to disable network-provided time/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	Mark to use 24-hour format, unmark to use 12-hour format.
Choose 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

TalkBack	Set user support service (TalkBack).
Magnification gestures	Set whether to zoom in/out by tapping the screen 3 times.
Large text	Set whether to use large text.
Power button ends call ^{*1}	Set whether to end a call by pressing  .
Auto-rotate screen	P.41
Speak passwords	Set whether to read out passwords.
Accessibility shortcut ^{*2}	Set whether to activate the accessibility function.
Text-to-speech output	P.164
Touch & hold delay	Set response time for operation of touching and holding the screen.
Enhance web accessibility	Set whether to install script from Google.

^{*1} 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.

^{*2}  for over a second ► Touch and hold the screen with 2 fingers to activate the accessibility function.

❖ **Information**

- When TalkBack is turned on for the first time, a message asking if touch exploration function feature is enabled appears.
Touch exploration is a function that reads or displays an explanation for the item you tapped.
When touch exploration feature is enabled, you can operate the terminal in the different way from the usual one. To select an item, tap it once and then double-tap it. To drag, tap it once and then double-tap it, then trace the screen to desired orientation. To turn off only Touch exploration, from the Home screen,  ► [Settings] ► [Accessibility] ► [TalkBack] ► [Settings], then unmark "Explore by touch".

About phone

Software Update	P.203
Upgrade Android software	P.207
Application update	Download new applications or update applications.
Status	Check your own phone number, battery status, battery level, etc.
Legal information	Check open source license or Google terms of use, etc.
Model number	Check versions and numbers.
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.

Android	Stores setting data for system or each application, temporary files, etc.
Download	Stores downloaded data through Browser.
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 64GB (As of December, 2013).
- 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.

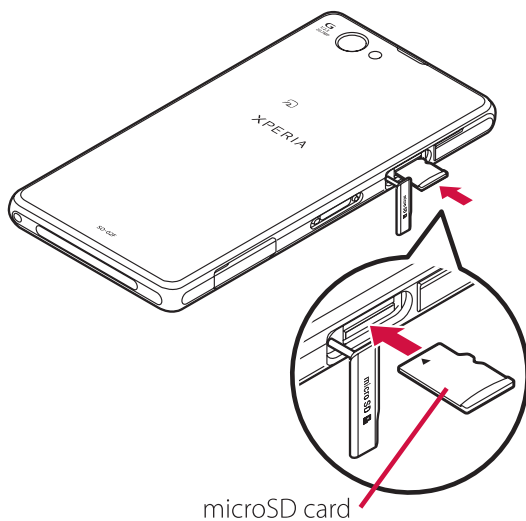
- The terminal supports microSD cards of up to Class 10 and UHS speed class 1. Note that the speed class indicates performance of microSD cards and all the functions may not be performed at the speed class rate.

Inserting microSD card

- Opening/closing microSD card slot cover (P.23)

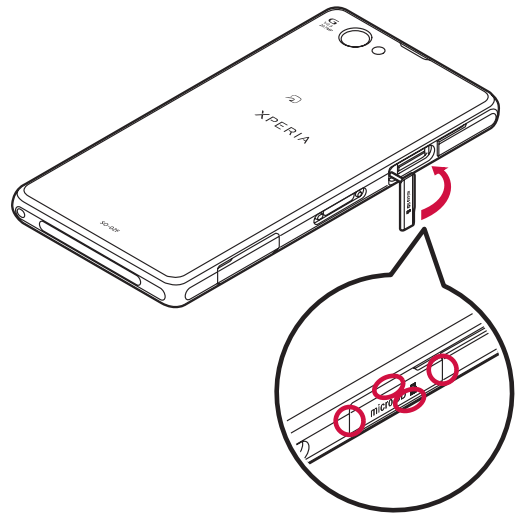
1 Open microSD card slot cover and check the orientation of the microSD card, then slowly insert it straight until it clicks.

- Insert the microSD card with metal contacts side down.



2

Close microSD card slot cover and press  part firmly to check that no gap exists between the terminal and the cover.

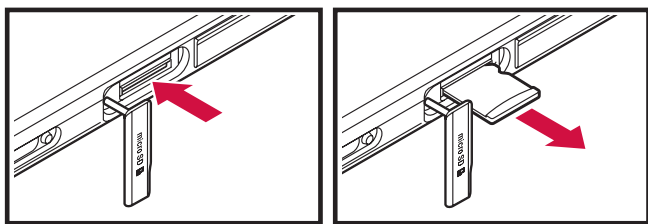


Removing microSD card

Make sure to unmount microSD card (make reading/writing unavailable) before removing.

- Opening/closing microSD card slot cover (P.23)

- 1 From the Home screen,  ► [Settings] ► [Storage] ► [Unmount SD card] ► [OK].**
 - When microSD card is unmounted, " SD card safe to remove" appears in the status bar and notify that microSD card is not available for reading or writing.
- 2 Open microSD slot cover and push microSD card to the end until it clicks. Then remove microSD card slowly.**
 - " Removed SD card" appears in the status bar.



- 3 Close the microSD card slot cover, firmly press it and make sure that there are no gaps between the terminal and cover (P.169).**

File operation

Use "File Commander" application to display or manage various data such as still images, videos, music, etc. saved to the terminal or the microSD card.

❖ Information

- When you activate for the first time, a screen for registering mail address etc. appears. Select "Register later" or "Register now".
To register later, from the Home screen,  ► [File Commander] ► Flick the screen to the right ► [Register].

Operating files or folders

Displaying/Playing file

- 1 From the Home screen,  ► [File Commander].**
 - Flick the screen to the right to display "Downloads", "Pictures", "Music", "Videos", "Internal storage", "Remote files".
 - When a microSD card is attached, "SD card" appears.
- 2 Select an item ► Tap a folder as required.**
- 3 Tap a file.**

Creating new folder

- 1 From the Home screen,  ► [File Commander].
- 2 Select an item ► Tap a folder as required.
- 3  ► [Folder].
- 4 Enter a folder name ► [OK].

Renaming folder or file

- 1 From the Home screen,  ► [File Commander].
- 2 Touch and hold a folder or file you want to rename ► [Rename].
- 3 Enter a folder name or file name ► [OK].

Deleting folder or file

- 1 From the Home screen,  ► [File Commander].
- 2 Select an item ► Tap a folder as required.
- 3 Mark a folder or file you want to delete.
- 4  ► [OK].

Moving/Copying folder or file

- 1 From the Home screen,  ► [File Commander].
- 2 Select an item ► Tap a folder as required.
- 3 Mark a folder or file you want to move/copy.
- 4  / .
- 5 Anywhere,  ► [Paste].

Searching for data

- 1 From the Home screen,  ► [File Commander].
- 2  ► Enter a folder name or file name.
- 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 10 meters or more away from a wireless LAN device.
- Within 10 meters, turn off either the Bluetooth device or the wireless LAN device.

Making the terminal detectable

- 1 From the Home screen,  ► [Settings].
- 2 Tap  in Bluetooth or drag it right.
 -  appears on the status bar.
- 3 [Bluetooth] ► [Xperia Z1 f]

Using optional menu

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

Rename phone	Rename the terminal which appears on other Bluetooth devices.
Visibility timeout	Set time to make the terminal visible to 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] ► [Search for devices].
- 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.

Canceling the pair setting of a Bluetooth device

- 1 From the Home screen,  ► [Settings] ► [Bluetooth].
- 2 Tap  in a Bluetooth device name to unpair ► [Unpair].

Connecting the terminal with Bluetooth device

- 1 From the Home screen,  ► [Settings] ► [Bluetooth] ► [Search for devices].
- 2 Tap the name of Bluetooth device you want to connect.

❖Information

- Tap  on 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 data via Bluetooth function

- 1 "Bluetooth" from the sharing menu of each application.
- 2 Tap the other party's Bluetooth device.

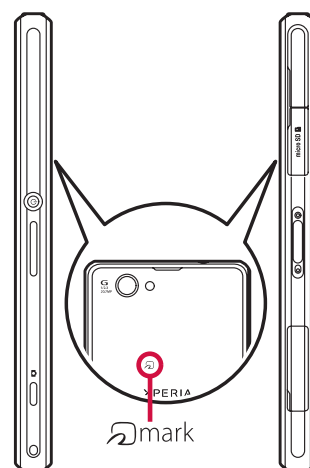
Receiving data via Bluetooth function

- 1 Send data from a Bluetooth device.
 -  appears on the status bar.
- 2 Drag the status bar downwards ► [Bluetooth: Incoming file] ► [Accept].

NFC communication

Sending/Receiving by one-touch function

You can send/receive data to/from a device with NFC such as a mobile phone. If you use the one-touch function with a Sony product with NFC, simple operations allow you to send or receive images, music, photos or videos taken with the terminal.



- To send/receive data, enable NFC Reader/Writer, P2P function in advance (P.175).
- 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] ► [Reader/Writer, P2P] ► [OK].**
 - "Reader/Writer, P2P" and "Android Beam" are marked.
 -  appears on the status bar.

❖Information

- While "NFC/Osaifu-Keitai lock" is set, Android Beam is not available.

Sending data

- 1 Make sure that the NFC Reader/Writer, P2P function is enabled.**
- 2 Display data to send on the screen.**
- 3 Face the  marks on the terminal and the receiver's terminal each other.**
 - "Touch to beam" appears.
- 4 Tap the screen that has become small.**

Receiving data

- 1 Make sure that the NFC Reader/Writer, P2P function is enabled.**
- 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 activate application corresponding to the received data. Follow the onscreen instructions.

Connecting to PC

Connecting to a PC with microUSB cable

By connecting the terminal and a PC with the Micro USB Cable 01 (optional), etc., you can copy, move, delete data, etc.

- You may not be able to operate copyrighted data of images, music, etc.

❖Information

- The following operating systems (OS) are supported.
 - Microsoft Windows 8/8.1
 - Microsoft Windows 7
 - Microsoft Windows Vista
 - Microsoft Windows XP
- The terminal is connected by "Media transfer mode (MTP)" which is set by default.

Connecting the terminal and a PC using a microUSB cable

- For using Mass storage mode (MSC) etc., attach a microSD card to the terminal (P.169).

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].

■ Media transfer mode (MTP)

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.

■ Mass storage mode (MSC)

The terminal is displayed on the PC screen as a removal disk and you can access the microSD card in the terminal.

❖Information

- Appeared screen may vary depending on the operating system (OS) of a PC.
- From the Home screen,  ► [Settings] ► [Xperia™ Connectivity] ► [USB Connectivity] to check connection mode and change the following settings.

Install software	Display PC Companion installation wizard when connected to a PC (P.209).
USB connection mode	Switch USB connection modes when connecting to a PC.
TRUSTED DEVICES	Connect the terminal and a host device in a pair via Wi-Fi network (P.178).

- When the terminal is connected to a PC with "Media transfer mode (MTP)" set in "USB connection mode", accessing to the microSD card from the terminal is unavailable. Therefore, functions using the microSD card in the applications such as "Camera", "Album", etc. may not be available.

Disconnecting the microUSB cable safely

- Do not disconnect the microUSB cable during data transferring. Data may be damaged.

■ Media transfer mode (MTP)

- 1 Confirm that it is not transferring data, disconnect the microUSB cable.**

■ Mass storage mode (MSC)

- 1 Drag the status bar downwards.**
- 2 [SD card connected].**
- 3 Disconnect the microUSB cable.**

Using Media Go

The Media Go computer application helps you transfer and manage media content in the terminal and PC.

With Media Go, you can load music from a CD to a PC and transfer to the terminal.

- You can install Media Go from PC Companion. For details on installation of PC Companion, see "When PC Companion is not installed" (P.209).
- For details on Media Go, refer to "Help" on the Media Go window on a PC.

❖ Information

- You can also download Media Go from the following website.
<http://mediago.sony.com/enu/features>

Connecting the terminal to a PC on a Wi-Fi network

You can access the internal storage and a microSD card in the terminal from the PC paired via Wi-Fi network.

- Use Microsoft Windows Vista, Microsoft Windows 7 or Microsoft Windows 8/8.1 for a PC to be paired. Microsoft Windows XP and other OSs are not available.
- For Microsoft Windows 8.1, remove the terminal from the PC, click "How to connect" on PC Companion, then follow the onscreen instructions.
- If the privacy separator function for Wi-Fi network (access point) is enabled, pair setting cannot be made.

Pairing with a PC within a Wi-Fi network

- 1 Connect a PC you want pair to a Wi-Fi network.**
- 2 Connect the terminal to the Wi-Fi network that the PC is connected (P.143).**
- 3 Connect the terminal to a PC using a microUSB cable.**
 - When "Install software" screen appears on the terminal, tap [Skip].

- 4 Open "コンピュータ (Computer)" window on the PC▶Right-click the terminal icon displayed as a portable device▶"ネットワーク構成 (Network composition)"▶"次へ (Next)".**

- 5 On the pop-up screen of the terminal, tap [Pair].**

- 6 On the "ポータブルデバイスのネットワーク構成 (Network composition of the portable device)" window of the PC, click "完了 (Done)".**
 - Remove the microUSB cable from the terminal and the PC.

❖Information

- Appeared screen may vary depending on the operating system (OS) of a PC.

Connecting the terminal to a PC within the Wi-Fi network

- 1 From the Home screen, ▶[Settings]▶[Xperia™ Connectivity]▶[USB Connectivity]▶"Host name" (PC name) in the "TRUSTED DEVICES" field.**

2 [Connect].

- The terminal and the PC are connected in "Media transfer mode (MTP)" on a Wi-Fi network, and you can exchange data files.
- To disconnect, tap [Disconnect].
- To cancel the connection setting, tap [Forget]. Until the connection setting is canceled, the connection setting retains even if you connect/disconnect repeatedly by coming in and out of a Wi-Fi area.

Connecting DLNA device

Using Wi-Fi function, you can share media files with other client (DLNA : Digital Living Network Alliance) devices.

- Set Wi-Fi connection (P.142) with a DLNA device in advance.

Setting Media server

- 1 **From the Home screen,  ► [Settings] ► [Xperia™ Connectivity] ► [Media server settings].**
- 2 **Tap  of Share content or drag it to the right.**
 -  appears on the status bar.

- Tap [Change server name] to rename the terminal (media server) displayed on a DLNA device.

3 Operate application on the DLNA device.

- Access request for media server is notified to the terminal.

4 Tap the waiting DLNA device on the Media server settings screen ► Set access level.

- The DLNA device is registered.

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, tap any of [Album]/[WALKMAN] or from the Home screen  ► [Movies].**
- 2 **Select a device name.**
 - Tap [My albums] to select "Album".
 - Select "WALKMAN" from the device names displayed in the start screen.
 - Select "Movies" from the device names displayed in "APPS & DEVICES".
- 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, tap any of [Album]/[WALKMAN] or from the Home screen,  ► [Movies].**
- 2 Tap a file you want to play ►  ► [Throw].**
- 3 Tap a device on the device list.**

Connecting to other devices

Connecting a TV

This terminal supports MHL connection. For an HDMI compatible TV, use a commercially available HDMI connector (MHL adapter) and an HDMI cable etc. to connect to the terminal.

Connect to a TV to activate TV Launcher and display photos and videos on the TV screen.

- 1 Connect to TV using commercially available MHL cable.**
 - Activate TV launcher automatically. If TV launcher does not activate automatically, ,  appears on the status bar. Drag the status bar downwards ► Tap [TV launcher] to activate TV launcher.
- 2 Switch the TV to MHL input mode.**
- 3 Flick an icon left or right ► Select application you want to use.**

❖ Information

- Removing the MHL cable from the terminal severs connection, however, TV may remain to MHL input mode or HDMI input mode. Follow the instructions on the TV to switch to digital terrestrial television mode, etc.

- When MHL is connected, radio wave condition may be affected according to your environment for the usage.
- When you do not use MHL connection, remove the MHL cable or HDMI adapter and cancel MHL connection. If the HDMI cable remains connected, the battery may be consumed quickly.
- The terminal does not support resolution 720×576p (50Hz) for MHL output to TV.
- You can operate the TV Launcher screen, the Home screen or applications using a TV remote control if connecting the following devices.
 - MHL compatible TV supporting Remote Control Protocol (RCP)
 - HDMI compatible TV supporting Consumer Electronic Control (CEC)To connect to an HDMI compatible TV, a commercially available HDMI connector (MHL adapter) compatible with RCP is required. Some applications may not support remote control operations.
- To check operations by TV remote control, drag the status bar downwards ► Tap [MHL connected] ► [Remote control usage].

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 4. The terminal works in a 3G roaming area and GSM/GPRS service area. Services are also available in countries and areas supporting 3G 850MHz/GSM 850MHz. Check available areas. Use 3G network or GSM/GPRS network overseas because Xi is not available overseas.

■ Before using the terminal overseas, refer to the followings.

- "Mobile Phone User's Guide [International Services]"
- DOCOMO International Services website

❖ Information

- For Country codes, International call access codes, Universal number international prefix, supported countries/areas and network operators, refer to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services Website.

Available overseas service

Main communication services	3G	3G850	GSM (GPRS)
Phone	○	○	○
Message (SMS)	○	○	○
Email*	○	○	○
Browser*	○	○	○

* To use data communication during roaming, mark "Data roaming" checkbox in Mobile networks (P.185).

❖ Information

- Some services are not available depending on the overseas network operator or network.

Checking before overseas use

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 AC adapter for charging overseas travel, use optional "AC Adapter 03" or "AC Adapter 04".

■ Usage charge

- Overseas usage charges (call and packet communication) differ from those in Japan.
- 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.189).
- 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.185).

When you use a network operator of a country/region covered by the flat-rate service, you can use the service with flat-rate packet communication charges overseas up to the specified upper limit per day. To use this service, subscription of packet flat-rate service in Japan is required. For details, refer to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services Website.

Display

During international roaming,  appears on the status bar.

- You can confirm the name of the connected network operator on the Notification panel.

❖Note

- While  appears on the status bar, packet communication is available. Note that packet communication charge may become high.

Date & time settings

When "Automatic date & time", "Automatic time zone" in "Date & time" are marked, 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.166)

About inquiries

- For loss or theft of the terminal or docomo mini 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.

Settings for overseas use

By default, the terminal automatically searches available network and connect to it. To switch network manually, set as follows.

Setting network mode

- 1 From the Settings screen,
 ► [Settings] ► [More...] ► [Mobile networks] ► [Network Mode].
- 2 Tap any of [LTE/3G]/[GSM only]/[LTE (preferred)/3G/GSM].
 - If you select "LTE (preferred)/3G/GSM" to switch available network automatically.

Setting a network operator

- 1 From the Settings screen,
 ► [Settings] ► [More...] ► [Mobile networks] ► [Service providers].
 - If a 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.145) 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 data roaming

- 1 From the Home screen,
 ► [Settings] ► [More...] ► [Mobile networks].
- 2 [Data roaming] ► Read the note and tap [Yes].

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



4 When the call is finished, tap [End call].

❖ Information

- During international roaming, if you make an international call to Japan using Phone application, the "International dialing assist" screen appears. You can make a call without entering country code from that screen (P.189).

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 .
- 4 When the call is finished, tap [End call].

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, tap [End call].

❖ 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) - 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,    .

2 [Call settings]▶[Roaming settings].

Restricting incoming calls	Set whether to restrict incoming calls during international roaming.
Incoming call 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.189
Network service	P.189

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.

Voicemail (charged)	Set whether to start Voice mail service. Select a target operation.
Incoming call notific. (charged)	Set whether to start Incoming notification on roaming.
Caller ID request (charged)	Set whether to start Caller ID display request service.
Roaming guidance (charged)	Set whether to start Roaming guidance.
Remote operation (charged)	Set whether to start Remote 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 "Network Mode" to "LTE (preferred)/3G/GSM" (P.185).
- Set "Search mode" to "Automatic" in "Service providers" (P.185).

Optional and related devices

A variety of optional devices allows you to expand the terminal's capabilities by supporting a wide range of purpose, including personal and business uses.

Some accessories are only available in some areas.

For details, please contact a sales outlet such as docomo Shop.

For details on optional devices, see the users manual of each device.

- Carry Case 02
- Pocket charger 01/02
- AC Adapter 03/04
- DC Adapter 03
- Desktop Holder SO19
- AC Adapter Converter Plug TypeC 01
- Micro USB Cable 01
- AC Adapter cable SO03
- 1Seg antenna cable SO01
- Wireless Earphone Set 03
- DriveNetCradle 01^{*1}
- SmartTV dstick 01
- L-03E^{*2}

^{*1} You can use it with the base mounted to dashboard in combination with included spacer (sample).

^{*2} Only supported as a charger to feed the terminal battery.

Troubleshooting

Troubleshooting

- First, check if the software update is necessary for the terminal. If necessary, perform the software update (P.203, P.209).
- 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 mini UIM card slot cover▶Press and hold red 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.→P.36

* 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 04 (optional), check if the microUSB plug of the AC adapter is connected to the terminal or supplied desktop holder correctly.→P.32, P.34
- In case of using the desktop holder, are the terminal's contacts for the desktop holder dirty? Clean the contacts with a dry cotton swab etc. if they are dirty.
- 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. This condition is not abnormal.
- While operating or charging, or if you watch 1Seg, 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.162
- When Preferred apps settings is set to "Xperia™", the lock screen cannot be canceled by flicking (swiping) the screen up or down, Touch exploration in TalkBack may be enabled. If Touch exploration in TalkBack is enabled, flick (swipe) the screen with two fingers up or down. →P.167
- 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.153

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 mini UIM card is not recognized.

- Check if the docomo mini 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 marked and turn the power off and on in a place with strong radio wave conditions.→P.166

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.157

■ Phone call

Cannot make a call even if you press button.

- Check if you activate Airplane mode.→P.147

The ringtone does not sound.

- Is "Ringtone & notifications" in Volumes set to silent?→P.153
- Check if the following functions are activated.
 - Silent mode→P.41
 - Airplane mode→P.147
- 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 mini 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.

■ Display

The display is dim.

- Check if Sleep is set in short time period.→P.153
- Check if the brightness of screen is changed.→P.154
- If you mark "Adapt to lighting conditions" in Brightness, screen brightness is changed according to the ambient brightness.→P.154
- Check if Low battery mode in Power management is ON.→P.156

- Check if you cover the Proximity sensor with a sticker etc.→P.28
- 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.82
- Set the equalizer to adjust sound quality during a call.→P.85
- Enable Speaker voice enhancement, Slow talk to make the caller's voice clear to understand.→P.85

■ Mail

Mail is not received automatically.

- Check if you set "Inbox check frequency" in account settings to "Manual".→P.97

■ 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.118
- When the capturing mode is set to "Manual", you can focus on using Focus mode.→P.123

- Set Image stabilizer/SteadyShot™ and shoot.→P.123
- To shoot a portrait image, use "Face Detection".→P.127

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.

■ **1Seg**

Unable to watching 1Seg.

- Are you out of terrestrial digital TV broadcasting service area or in a place where airwave is weak?→P.110
- Check if channels in the current location are saved.→P.113

■ **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.107
- 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, referring to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services website.
- Change the network settings or overseas network operator settings.
 - Set "Network Mode" to "LTE (preferred)/3G/GSM".→P.185
 - Set "Search mode" to "Automatic" in "Service providers".→P.185
- Turning the power off and on may solve the problem.→P.36

Cannot perform data communication overseas.

- Mark "Data roaming".→P.185

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.188

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.169

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.173

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.

■ 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.158
- Check if "AUTO-GPS operation settings" is marked. →P.158

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 mini UIM card is not working properly.
Insert the docomo mini 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 mini UIM card may solve the problem.

● Mobile network not available

Install docomo mini 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.

● Calls are restricted by access control

Appears when normal/emergency voice call service is hard to receive because communication lines are busy.

● SIM card is locked

Enter your PIN code (P.161) correctly.

● SIM card is PUK-locked

Enter your PUK (Personal Unblocking Key) (P.161) 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.157).

● **Memory full.**

There is no memory space in the microSD card. Delete unnecessary data (P.171) to save the memory space.

スマートフォンあんしん遠隔サポート (Smartphone Anshin Remote Support)

By sharing screens of your terminal with NTT DOCOMO, you can receive technical support to make settings (in Japanese only).

- This service is not available when your docomo mini UIM card is not inserted, during international roaming, or in Airplane mode.
- Smartphone Anshin Remote Support is a service requiring subscription.
- Some operations and settings are not supported.
- For details on Smartphone Anshin Remote Support, refer to NTT DOCOMO website.

1 **Call スマートフォン遠隔サポートセンター (Remote support center for smartphone).**

 0120-783-360

Business hours: 9:00 a.m. to 8:00 p.m., open all year round

- To make a call to the Remote support center for smartphone from the terminal, from the Home screen,  ► [遠隔サポート (Remote 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 (Remote support)].**

- When you use for the first time, agree to "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 Remote support connection screen)] ► [同意する (Agree)].**

4 **Enter connection number notified by DOCOMO.**

5 **Remote 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.
- Specifications of this product and its 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 to Data center using Data Security Service.

After Sales Services

If you have problems with the terminal

Before asking repair, see "Troubleshooting" (P.191) 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 or that involve malfunction and damage due to incorrect handling by the owner (damage of liquid crystal, connector, etc.) 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 microUSB jack, headset jack, liquid crystal, etc. is damaged or the frame itself is cracked) based on the result of our examination.

* 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/notification LED

- **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

It is a function to connect to a network and check if software update for SO-02F is required, then update software if required. Software update is announced on NTT DOCOMO website.

- There are following 3 methods for update.
 - Automatic Update : Update file is downloaded automatically and write it at the set time. When the rewrite start time is not set, software is automatically rewritten between 2 a.m. and 5 a.m.
 - Immediate Update : Update immediately.
 - Reserved Update : Update at the reserved time automatically.

❖Information

- Software update can be performed with data, such as phonebook entries, images, mails, downloaded data, remained in the terminal; note that data protection sometimes cannot be secured according to the conditions of your terminal (such as malfunction, damage, or water leak). DOCOMO recommends backing up necessary data. However some data such as downloaded data may not be backed up.

Using software update

- Software update should be done with battery fully charged. You are recommended to connect charging cable when updating software.
- Software cannot be updated in the following cases.
 - During a call
 - When 圏外 (out of service area) is displayed*
 - During international roaming*
 - Airplane mode*
 - Tethering in use
 - While upgrading Android software
 - When date and time are not set correctly
 - When the remaining battery is not sufficient for software update
 - When the available memory of the terminal is not sufficient for software update
- * When the terminal is out of service area or during international roaming, updating software is not available even though you are connected via Wi-Fi.
- Software update (downloading or rewriting) may take time.
- Making/Receiving calls, communications functions and other functions are disabled during software update. Only incoming calls can be answered while downloading.
- Stay in a place with strong radio wave condition when updating software. Software update may be canceled if the radio wave condition is not good enough.

- If software update is not needed, "No update is needed." appears.
- During international roaming or when the terminal is out of service area, "When docomo network is not available, or during roaming, software update is not available even if Wi-Fi is connected." or "When docomo network is not available, or during roaming, install cannot be started even if Wi-Fi is connected." appears. The same messages appear even while connecting via Wi-Fi.
- Messages (SMS) sent during software update are stored in the SMS center.
- When updating software, your private information concerning SO-02F (model, serial number, etc.) is automatically sent to the server for software update managed by DOCOMO. DOCOMO does not use the sent information for purposes except software update.
- If software update fails, the terminal may not activate or message indicating that software update fails appears and all operations may become unavailable. In that case, please bring the terminal to DOCOMO-specified repair office.
- While updating software, do not activate other applications.

Updating software automatically

Update file is automatically downloaded and software is updated at the specified time.

Setting Software update

- The settings of Software Update is set to "Automatic Update" by default.

- 1 From the Home screen,  ► [Settings] ► [About phone] ► [Software Update].**
- 2 [Configure the software update].**
- 3 [Automatic Update]/[Manual Update].**

When software update is necessary

If the update file is downloaded automatically,  appears on the status bar.

- When the rewrite start time is reached with  displayed, software is automatically rewritten. When the rewrite start time is not set, software is automatically rewritten between 2 a.m. and 5 a.m.

- 1 Drag the status bar▶ Tap notification of Software update.**
 - Software update notice screen appears.
- 2 Perform a target operation.**
 - "OK" : Return to the Home screen.
Updating starts when the preset time reaches.
 - "Set Time" : Reserved update → "Reserving software update" (P.206)
 - "Start update" : Update immediately → "Updating software immediately" (P.205)

❖ Information

- If the software is not updated when the update notification is received,  appears on the status bar to notify.
- If software update at the preset time could not be performed, the software update will be performed at the same time the following day.
- Software cannot be updated automatically when the Auto-update setting is set to "Manual Update" or while updating software by Now update.

Updating software immediately

Software update starts immediately.

- There are 2 ways to activate software update: activating from Software update notice screen and activating from the menu.

- 1 From the Home screen, ▶ [Settings]▶ [About phone]▶ [Software Update].**
- 2 [Start the software update]▶ [Yes].**
 - For activating from Software update notice screen, display the Software update notice screen▶ [Start update].
 - "Ready for update. Please refrain from starting other application." is displayed, then rewriting starts automatically. Tap [OK] to start rewriting automatically.
 - While updating the software, all key operations become disabled. Also, updating cannot be canceled.
 - When the software update is complete, the terminal restarts and the Home screen is displayed.

❖ Information

- If software update is not needed, "No update is needed." is displayed.

■ Post-update display

 appears on the status bar. Drag the status bar downwards ► Tap the notification, a message indicating that software update is complete appears.

Reserving software update

You can preset time to update the software if you want to specify another time for installing the update file.

1 Display the Software update notice screen ► [Set Time].

2 Set a time ► [Set].

■ When the reserved time is reached

When the reserved time is reached, "Ready for update. Please refrain from starting other application." appears, then rewriting starts automatically.

❖ Information

- While updating the software, all key operations become disabled. Also, updating cannot be canceled.
- If software update could not be started at the preset time, the software update will be performed at the same time the following day.
- While upgrading Android software, software update is not executed even when the set time arrives.
- When an alarm etc. is set at the same time as the reserved time, priority will be given to the software update.

- If SO-02F is turned OFF at the reserved time, the software update starts at the same time as the reserved time after the terminal is turned ON.
- If  (Software update was suspended Please check the remaining internal storage capacity and retry.) appears on the status bar during software update, make sure that sufficient memory remains on the phone memory and retry to update.
- If  (Software update was suspended Please check the status of the handset and retry.) appears on the status bar during software update, make sure that the terminal is not in the following states and retry to update.
 - No signal
 - Interfered by some function

Upgrade Android software

Upgrade Android software

This function allows you to connect the network, check if Android software in the terminal needs to be upgraded, and download update file to upgrade if necessary.

Check the notification icon (Upgrade Android software) on the status bar or the NTT DOCOMO website for available Android software.

The following updates are applied to the terminal by Upgrade Android software.

- Improving and adding functions
- Operability enhancement
- Improving quality
- Security patch update

To use the terminal in safety and more comfortably, be sure to upgrade to the latest version.

❖Information

- Upgrade Android software 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.

Using Upgrade Android software

- When Upgrade Android software is performed, restoring the previous Android software is not possible.
- Upgrade Android software with the battery fully charged.
- For Upgrade Android software, docomo mini UIM card is needed. For using packet communication, subscription to sp-mode is required.
- Exit from all applications before upgrading Android software. Activating applications while upgrading may interrupt Upgrade Android software.
- Do not turn off the terminal while upgrading.
- While performing Upgrade Android software, all other functions including making/receiving calls are unavailable.
- Upgrade Android software is unavailable in the following cases.
 - During a call
 - When 圏外 (out of service area) is displayed
 - During International roaming
 - During Airplane mode
 - Tethering in use
 - While updating software
 - When date and time are not set correctly
 - When the remaining battery is not sufficient
 - When the remaining memory is not sufficient
- Upgrading software may take time.

- During international roaming or when the terminal is out of service area, "When docomo network is not available, or during roaming, install cannot be started even if Wi-Fi is connected." appears.
- When Upgrade Android software is performed, some settings are initialized. Make the settings again.
- When upgrading Android software, 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 Upgrade Android software.
- If Upgrade Android software failed and all operations become disabled, please contact a DOCOMO-specified repair office.

Downloading update file

- 1 From the Home screen,  ► [Settings] ► [About phone] ► [Upgrade Android software].**
- 2 [Start upgrading].**
 - "Download now (only via Wi-Fi)" : Immediately download the update file via Wi-Fi connection.

- "Download later (via Wi-Fi or Xi)" : Download the update file via Wi-Fi connection or packet communication at specified time.
- "Download later (only via Wi-Fi)" : Download the update file via Wi-Fi at reserved time. It appears when downloading via packet communication is unavailable.
- "Do not upgrade" : End Upgrade Android software without upgrading software.

❖Information

- When the latest software is already applied to the terminal, "No upgrade is needed." appears.
- If downloading stops halfway, data downloaded before interruption is retained. To resume downloading, resume from the notification icon (Download stopped) on the status bar.
- When "Download later" 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 [Upgrade Android software] ► [Cancel] to cancel the reservation of downloading. To download update files, from the Home screen,  ► [Settings] ► [About phone] ► [Upgrade Android software] ► [Start upgrading], then select "Download now (only via Wi-Fi)".

Installing update file

When downloading the update files is complete, installing to the terminal is available.

- "Install now" : Immediately install the update file.
- "Install later" : Install the update file at reserved time.

❖Information

- When installing is complete, the terminal restarts.
- When "Install later" is tapped, time for installing is automatically set. To change the start time, from the Home screen, [App Drawer] ► [Settings] ► [About phone] ► [Upgrade Android software], then change start time.

After Android software is upgraded

After Android software is upgraded, from the Home screen, [Play Store] ► [App Drawer] ► [My apps] etc. to check for updates of applications. When there are updates for applications, operations may become unstable or functions may not work properly without updating applications.

- For OS version support information on each application, contact the application provider.

Connecting to a PC and updating

You can update software by using PC Companion that can be installed into a PC from the terminal.

❖Information

- To install PC Companion on a PC, an Internet connection is required.

When PC Companion is not installed

- 1 Connect the terminal to a PC using a microUSB cable.**
- 2 When "Install software" screen appears on the terminal, [Install].**
 - Installer of PC Companion starts on the PC.
- 3 Follow the onscreen instructions on the PC to install.**
 - PC Companion starts on the PC after the installation is complete. If further software update is searched, it is automatically notified. Follow the onscreen instructions on the PC.

PC Companion is already installed

- 1 Check if PC Companion is activated on the PC. If not, activate PC Companion from the Start menu.**
- 2 Connect the terminal to a PC using a microUSB cable.**
- 3 Operate following the onscreen instructions on the PC.**
 - If available software update is found, it is automatically notified.

When software update is failed

If software update failed and the terminal does not boot, restore the terminal by performing restoration using PC Companion.

- For restoration details, see FAQ in the following website.
<http://www.sonymobile.co.jp/support/> (In Japanese only)

Main specification

The terminal

Product name		SO-02F
Size		Approx. 127 mm (H)× approx. 65 mm (W)× approx. 9.4 mm (T) (Thickest part: approx. 9.4 mm)
Weight		Approx. 140 g
Internal memory		ROM : 16GB RAM : 2 GB
External memory compatible		microSD card of up to 2GB microSDHC card of up to 32GB microSDXC card of up to 64GB (as of December, 2013)
Continuous stand-by time	FOMA/3G	Stationary (Auto) : Approx. 500 hours
	GSM	Stationary (Auto) : Approx. 410 hours
	LTE	Stationary (Auto) : Approx. 450 hours
Continuous call time	FOMA/3G	Approx. 580 min.
	GSM	Approx. 600 min.

Charging time		AC Adapter 03 : (alone) Approx. 200 min., (for Desktop Holder SO19 combination use) Approx. 200 min. AC Adapter 04 : (alone) Approx. 160 min., (for Desktop Holder SO19 combination use) Approx. 160 min. DC Adapter 03 : Approx. 220 min.
Continuous 1Seg watching time		Approx. 500 min.
Display	Type/ Colors	TFT (Triluminos® Display for Mobile) 16,777,216 colors
	Size	Approx. 4.3 inches
	Resolution	720 (H)×1280 (V) pixels (HD)
Image pickup device	Type	Camera : Backside-illuminated CMOS Front camera : Backside-illuminated CMOS
	Size	Camera : 1/2.3 inches Front camera : 1/6.9 inches

Camera effective pixels	Camera : Approx. 20,700,000 pixels Front camera : Approx. 2,200,000 pixels
Camera recorded pixels (Max.)	Camera : Approx. 20,700,000 pixels Front camera : Approx. 2,100,000 pixels
Zoom	Camera : Max. approx. 8.0x (41 levels) Front camera : —
Still picture recording size	Camera : 5248×3936 (20.7MP 4:3) 3264×2448 (8MP 4:3) 3840×2160 (8MP 16:9) 2048×1536 (3MP 4:3) 1920×1080 (2MP 16:9) Front camera : 1920×1080 (2MP 16:9)*1 1824×1026 (1.8MP 16:9)*2 1520×1140 (1.7MP 4:3)

Video recording size		Video camera : 1920×1080 (Full HD 16:9) 1280×720 (HD 16:9) Front video camera : 1920×1080 (Full HD 16:9) 1280×720 (HD 16:9)
Frame rate		Max. 30 fps
Wireless LAN		Compliant with IEEE802.11a/b/g/n/ac ^{*3} (Corresponding frequency band to IEEE802.11n : 2.4GHz/5GHz)
Bluetooth	Version	4.0 ^{*4}
	Radio power	power class 1
	Available communication distance ^{*5}	Within approx. 10 m
	Supported profile/profile/codec ^{*6}	HFP, HSP, OPP, SPP, HID, A2DP (aptX/SBC), AVRCP, PBAP, PAN (PAN-NAP/PANU), HDP, PXP, MAP, DID
Headset jack	Size	Diameter 3.5 mm
	Number of pole	Tetrapolar

*1 Still picture shooting size with "HDR" OFF.

*2 Still picture shooting size with "HDR" ON.

*3 Compatible with IEEE802.11ac draft version. The terminal may not be able to communicate with official-version-compatible devices launched in future or draft-version-compatible devices from other companies. For compatible products, refer to each manufacturer website.

*4 It is confirmed that the terminal and all Bluetooth devices are compliant with Bluetooth standards designated by Bluetooth SIG, and they are authenticated. However, procedures may differ or data transfer may not be possible depending on the device's characteristics or specifications.

*5 May vary by the signal status and/or whether there is an interference between communications devices.

*6 Bluetooth standards for Bluetooth device connection procedure according to the product's applications.

- 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	DC3.8V
Current	2300mAh

■ 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), PIFF (.isma)
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), MPEG4 (.3gp, .3gpp, .mp4, .m4v), VP8 (.webm, .mkv), Xvid (.avi, .xvid, .mkv), PIFF (.ismv)

* Still images are saved in JPEG format when shot with Camera in the terminal.

■ File format (document)

Files of the following versions/extensions can be viewed on the terminal.

Type	Version/Extension
Microsoft Word	Microsoft Word 97 - 2010/.doc, .docx, .rtf, .txt, .log, .docm
Microsoft Excel	Microsoft Excel 97 - 2010/.xls, .xlsx, .csv, .xlsm
Microsoft PowerPoint	Microsoft PowerPoint 97 - 2010/.ppt, .pps, .pptx, .ppsx, .pptm
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.
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■ Number of still pictures (Estimation)

Savable number of shot images to the internal storage	Up to approx. 17,190 images
Savable number of shot images to a microSD card (1GB)	Up to approx. 1,570 images

* Shot images with a resolution of 1920×1080 (2MP) with file size of 634KB.

■ Time length of shooting video (Estimation)

Savable time of recording to the internal storage	Per video : Up to approx. 122 min. In total : Up to approx. 122 min.
Savable time of recording to a microSD card (1GB)	Per video : Up to approx. 11 min. In total : Up to approx. 11 min.

* Time of recording with a video resolution of 1280×720 (HD).

Language

■ Display language

Japanese/Indonesian/Malay/Sundanese/Bosnian/Catalan/Czech/Danish/German (Germany)/German (Liechtenstein)/German (Austria)/German (Switzerland)/Estonian/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)

■ Text language (Character entry)

Icelandic/Arabic/Albanian/Italian/
Indonesian/Anglo-Indian/Ukrainian/
Esthonian/Dutch/Kazakh/Catalan/Galician/
Greek/Croatian/Japanese/Swedish/
Spanish/Slovak/Slovene/Sundanese/
Serbian/Thai/Tagalog/Tamil/Czech/
Danish/German/Turkish/Norwegian/
Basque/Hungarian/Hindu/Finnish/French/
Bulgarian/Vietnamese/Hebrew word/
Persian/Polish/Bosnian/Portuguese/
Macedonian/Malay/Latvian/Lithuanian/
Romanian/Russian/English/Chinese
(Traditional)/Chinese (Simplified)/Japanese

■ Text language (Voice input)

Japanese/Afrikaans/Indonesian/Malay/
Catalan/German/English (Australia)/English
(Canada)/English (standard)/English (India)/
English (New Zealand)/English (South
Africa)/English (United Kingdom)/English
(United States)/Spanish (Argentina)/

Spanish (Bolivia)/Spanish (Chile)/Spanish
(Colombia)/Spanish (Costa Rica)/Spanish
(United States)/Spanish (Ecuador)/Spanish
(El Salvador)/Spanish (Spain)/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/
Galician/isiZulu/Italian/Latin/Hungarian/
Dutch/Norwegian/Polish/Portuguese
(Brazil)/Portuguese (Portugal)/Romanian/
Slovak/Finnish/Swedish/Turkish/Icelandic/
Czech/Bulgarian/Russian/Serbian/Hebrew
word (Israel)/Arabic (United Arab Emirates)/
Arabic (Israel)/Arabic (Egypt)/Arabic (Qatar)/
Arabic (Kuwait)/Arabic (Saudi Arabia)/
Arabic (Jordan)/Arabic (Lebanon)/Arabic
(Bahrain)/Arabic (Oman)/Arabic (Palestine)/
Chinese, standard (Taiwan, Traditional)/
Chinese, standard (China, Simplified)/
Chinese, standard (Hong Kong, Simplified)/
Chinese, Cantonese (Hong Kong
Traditional)/Korean

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].**

Specific Absorption Rate of Mobile Phone, etc.

Mobile phone: GSM/GPRS/EDGE 850/900/1800/1900 & UMTS/HSPA B1/5/6/19 & LTE B1/3/19/21

Specific Absorption Rate of Mobile Phone

This model SO-02F mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

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

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 1.2 W/kg. There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device.

This mobile phone can be used in positions other than against your ear. This mobile phone satisfies the international guidelines when used with a carrying case or a wearable accessory approved by NTT DOCOMO or the manufacturer^{*2}. In case you are not using the approved accessory, please use a product that does not contain any metals, and one that positions the mobile phone at least 1.5 cm away from your body.

The World Health Organization has stated that "a large number of studies have been

performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

Please refer to the WHO website if you would like more detailed information.

http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm

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

Ministry of Internal Affairs and Communications Website:

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

Association of Radio Industries and Businesses Website:

<http://www.arib-emf.org/index02.html> (in Japanese only)

NTT DOCOMO, INC. Website:

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

Sony Mobile Communications, Inc. Website:
<http://www.sonymobile.co.jp/product/SAR/> (in Japanese only)

^{*1} Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

*2 Regarding the method of measuring SAR when using mobile phones in positions other than against the ear, international standards (IEC62209-2) were set in March 2010. On the other hand, technical regulation is currently being deliberated on by national council. (As of October, 2011)

Radio Wave Exposure and Specific Absorption Rate (SAR) Information

Important Information United States

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

The SO-02F Series mobile phones have been designed to comply with applicable safety requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed to not exceed the limits* of exposure to radio frequency (RF) energy set by governmental authorities. These limits establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by international scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a safety margin designed to assure the safety of all individuals, regardless of age and health. The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate (SAR). Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified power level in all used frequency bands. While there may be differences between the SAR levels of various phone models, they are all designed to meet the relevant guidelines for exposure to radio waves. For more information on SAR, please refer to the important information chapter in the User Guide.

The highest SAR value as reported to the authorities for this phone model when tested for use by the ear is 1.01W/kg*, and when worn on the body is 1.01W/kg*. For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 1.5 cm from the body.

For devices which include "WiFi hotspot" functionality, SAR measurements for the device operating in WiFi hotspot mode were taken using a separation distance of 10 mm.

Use of third-party accessories may result in different SAR levels than those reported.

** Before a phone model is available for sale to the public in the US, it must be tested and certified by the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure*. The tests are performed in positions and locations (i.e., by the ear and worn on the body) as required by the FCC for each model. The FCC has granted an Equipment Authorization for this phone model with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. While there may be differences between the SAR levels of various phones, all mobile phones granted an FCC equipment authorization meet the government requirement for safe exposure. SAR information on this phone model is on file at the FCC and can be found under the Display Grant section of <http://transition.fcc.gov/oet/ea/fccid/> after searching on FCCID PY7PM-0610. Additional information on SAR can be found on the Mobile Manufacturers Forum EMF website at <http://www.emfexplained.info/>.

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

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

Europe

This mobile phone model SO-02F has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

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

For more information on SAR, please refer to the important information chapter in the User's Guide.

SAR data information for residents in countries that have adopted the SAR limit

recommended by the International Commission of Non-Ionizing Radiation Protection (ICNIRP), which is 2 W/kg averaged over ten (10) gram of tissue (for example European Union, Japan, Brazil and New Zealand):

For body worn operation, this phone has been tested and meets RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 15 mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines. The highest SAR value for this model phone when tested by Sony for use at the ear is 1.11W/kg (10g). In the case where the phone is worn on the body, the highest tested SAR value is 0.76W/kg (10g).

Guidelines for Safe and Efficient Use

Please follow these guidelines. Failure to do so might entail a potential health risk or product malfunction. If in doubt as to its proper function, have the product checked by a certified service partner before charging or using it. 

■ Recommendations for care and safe use of our products

- Handle with care and keep in a clean and dust-free place.
- **Warning!** May explode if disposed of in fire.
- Do not expose to liquid or moisture or excess humidity.
- For optimum performance, the product should not be operated in temperatures below +5°C (+41°F) or above +35°C (+95°F). Do not expose the battery to temperatures above +60°C (+140°F). 
- Do not expose to flames or lit tobacco products. 
- Do not drop, throw or try to bend the product.

- Do not paint or attempt to disassemble or modify the product. Only Sony Mobile Communications AB authorised personnel should perform service. 
- Consult with authorised medical staff and the instructions of the medical device manufacturer before using the product near pacemakers or other medical devices or equipments.
- Discontinue use of electronic devices, or disable the radio transmitting functionality of the device, when required or requested to do so.
- Do not use where a potentially explosive atmosphere exists.
- Do not place the product, or install wireless equipment, in the area above an air bag in a car.
- **Caution:** Cracked or broken displays may create sharp edges or splinters that could be harmful upon contact.
- Do not use the Bluetooth Headset in positions where it is uncomfortable or will be subject to pressure.

■ Children

Warning! Keep out of reach of children. Do not allow children to play with mobile phones or accessories. They could hurt themselves or others. Products may contain small parts that can be detached and create a choking hazard. 

■ Power supply (Charger)

Connect the charger to power sources as marked on the product. Do not use outdoors or in damp areas. Do not alter or subject the cord to damage or stress. Unplug the unit before cleaning it. Never alter the plug. If it does not fit into the outlet, have a proper outlet installed by an electrician. When a power supply is connected, there is a small drain of power. To avoid this small energy waste, disconnect the power supply when the product is fully charged. Use of charging devices that are not Sony Mobile Communications AB branded may pose increased safety risks.

■ Battery

New or idle batteries can have short-term reduced capacity. Fully charge the battery before initial use. Use for the intended purpose only. Charge the battery in temperatures between +5°C (+41°F) and +35°C (+95°F). Do not put the battery into your mouth. Do not let the battery contacts touch another metal object. Turn off the product before removing the battery. Performance depends on temperatures, signal strength, usage patterns, features selected and voice or data transmissions. Only Sony Mobile Communications AB service partners should remove or replace built-in batteries. Use of batteries that are not Sony Mobile Communications AB branded may pose increased safety risks. Replace the battery only with another Sony Mobile Communications AB battery that has been qualified with the product as per the standard IEEE-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.

■ Personal medical devices

Mobile phones may affect implanted medical equipment. Reduce risk of interference by keeping a minimum distance of 15 cm (6 inches) between the phone and the device. Use the phone at your right ear. Do not carry the phone in your breast pocket. Turn off the phone if you suspect interference. For all medical devices, consult a physician and the manufacturer.

■ Driving

Some vehicle manufacturers forbid the use of phones in their vehicles unless a handsfree kit with an external antenna supports the installation. Check with the vehicle manufacturer's representative to be sure that the mobile phone or Bluetooth handsfree will not affect the electronic systems in the vehicle. Full attention should be given to driving at all times and local laws and regulations restricting the use of wireless devices while driving must be observed.

■ GPS/Location based functions

Some products provide GPS/Location based functions. Location determining functionality is provided "As is" and "With all faults". Sony Mobile Communications AB does not make any representation or warranty as to the accuracy of such location information.

Use of location-based information by the device may not be uninterrupted or error free and may additionally be dependent on network service availability. Please note that functionality may be reduced or prevented in certain environments such as building interiors or areas adjacent to buildings.

Caution: Do not use GPS functionality in a manner which causes distraction from driving.

■ Emergency calls

Calls cannot be guaranteed under all conditions. Never rely solely upon mobile phones for essential communication. Calls may not be possible in all areas, on all networks, or when certain network services and/or phone features are used.

■ Antenna

Use of antenna devices not marketed by Sony Mobile Communications AB could damage the phone, reduce performance, and produce SAR levels above the established limits. Do not cover the antenna with your hand as this affects call quality, power levels and can shorten talk and standby times.

■ Radio Frequency (RF) exposure and Specific Absorption Rate (SAR)

When the phone or Bluetooth handsfree is turned on, it emits low levels of radio frequency energy. International safety guidelines have been developed through periodic and thorough evaluation of scientific studies. These guidelines establish permitted levels of radio wave exposure. The guidelines include a safety margin designed to assure the safety of all persons and to account for any variations in measurements.

Specific Absorption Rate (SAR) is used to measure radio frequency energy absorbed by the body when using a mobile phone. The SAR value is determined at the highest certified power level in laboratory conditions, but because the phone is designed to use the minimum power necessary to access the chosen network, the actual SAR level can be well below this

value. There is no proof of difference in safety based on difference in SAR value.

Products with radio transmitters sold in the US must be certified by the Federal Communications Commission (FCC). When required, tests are performed when the phone is placed at the ear and when worn on the body. For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 1.5 cm from the body.

For more information about SAR and radio frequency exposure, go to: <http://www.sonymobile.co.jp/product/SAR/> (in Japanese only).

■ Flight mode

Bluetooth and WLAN functionality, if available in the device, can be enabled in Flight mode but may be prohibited onboard aircraft or in other areas where radio transmissions are prohibited. In such environments, please seek proper authorisation before enabling Bluetooth or WLAN functionality even in Flight mode.

■ Malware

Malware (short for malicious software) is software that can harm the mobile phone or other computers. Malware or harmful applications can include viruses, worms, spyware, and other unwanted programs. While the device does employ security measures to resist such efforts, Sony Mobile Communications AB does not warrant or represent that the device will be impervious to the introduction of malware. You can however reduce the risk of malware attacks by using care when downloading content or accepting applications, refraining from opening or responding to messages from unknown sources, using trustworthy services to access the Internet, and only downloading content to the mobile phone from known, reliable sources.

■ Accessories

Use only Sony Mobile Communications AB branded original accessories and certified service partners. Sony Mobile Communications AB does not test third-party accessories. Accessories may influence RF exposure, radio performance, loudness, electric safety and other areas. Third-party accessories and parts may pose a risk to your health or safety or decrease performance.

■ Disposal of old electrical and electronic equipment



Electronic equipment and batteries should not be included as household waste but should be left at an appropriate collection point for recycling. This helps prevent potential negative consequences for the environment and human health. Check local regulations by contacting your local city office, your household waste disposal service, the shop where you purchased the product or calling a Sony Mobile Communications AB Contact Center. Do not attempt to remove internal batteries. Internal batteries shall be removed only by a waste treatment facility or trained service professional.

■ Disposing of the battery



Check local regulations or call a Sony Mobile Communications AB Contact Center for information. Never use municipal waste.

■ Memory card

If the product comes complete with a removable memory card, it is generally compatible with the handset purchased but may not be compatible with other devices or the capabilities of their memory cards. Check other devices for compatibility before purchase or use. If the product is equipped with a memory card reader, check memory card compatibility before purchase or use.

Memory cards are generally formatted prior to shipping. To reformat the memory card, use a compatible device. Do not use the standard operating system format when formatting the memory card on a PC. For details, refer to the operating instructions of the device or contact customer support.

Warning!

If the device requires an adapter for insertion into the handset or another device, do not insert the card directly without the required adapter.

■ **Precautions on memory card use**

- Do not expose the memory card to moisture.
- Do not touch terminal connections with your hand or any metal object.
- Do not strike, bend, or drop the memory card.
- Do not attempt to disassemble or modify the memory card.
- Do not use or store the memory card in humid or corrosive locations or in excessive heat such as a closed car in summer, in direct sunlight or near a heater, etc.
- Do not press or bend the end of the memory card adapter with excessive force.
- Do not let dirt, dust, or foreign objects get into the insert port of any memory card adapter.
- Check if you have inserted the memory card correctly.

- Insert the memory card as far as it will go into any memory card adapter needed. The memory card may not operate properly unless fully inserted.
- We recommend that you make a backup copy of important data. We are not responsible for any loss or damage to content you store on the memory card.
- Recorded data may be damaged or lost when you remove the memory card or memory card adapter, turn off the power while formatting, reading or writing data, or use the memory card in locations subject to static electricity or high electrical field emissions.

■ **Protection of personal information**

Erase personal data before disposing of the product. To delete data, perform a master reset. Deleting data from the phone memory does not ensure that it cannot be recovered. Sony Mobile Communications AB does not warrant against recovery of information and does not assume responsibility for disclosure of any information even after a master reset.

Loudness warning!

Avoid volume levels that may be harmful to your hearing.

FCC Statement for the USA

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



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

Any change or modification not expressly approved by Sony Mobile Communications AB may void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

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

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

Declaration of Conformity for SO-02F



The Product "SO-02F" is declared to conform with the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1(a), 3.1(b) and 3.2. The Declaration of Conformity can be found on <http://www.sonymobile.co.jp/product/SAR/doc/> (in Japanese only).

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Software delivered with this device and its media is owned by Sony Mobile Communications AB, and/or its affiliated companies and its suppliers and licensors. Sony Mobile grants you a non-exclusive limited license to use the Software solely in conjunction with the Device on which it is installed or delivered.

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This licence exists throughout the useful life of this Device.

It can be terminated by transferring your rights to the Device to a third party in writing. Failure to comply with any of these terms and conditions will terminate the licence immediately.

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To the extent that the Software contains material or code of a third party, such third parties shall be beneficiaries of these terms. This licence is governed by the laws of Sweden.

When applicable, the foregoing applies to statutory consumer rights.

In the event Software accompanying or provided in conjunction with your device is provided with additional terms and conditions, such provisions shall also govern your possession and usage of the Software.

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This product and its accessories may be covered and controlled by Japan's export control regulations ("Foreign Exchange and Foreign Trade Law" and related laws and regulations). If you wish to export this product and/or its accessories, you must complete the necessary procedures at your own responsibility and cost. For details about the procedure, contact the Ministry of Economy, Trade and Industry.

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- Content owners use Microsoft PlayReady content access technology to protect their intellectual property, including copyrighted

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- This product is licensed under the MPEG-4 visual and AVC patent portfolio license for the personal and non-commercial use of a consumer for (i) encoding video in compliance with the MPEG-4 visual standard ("MPEG-4 video") or the AVC standard ("AVC video") and/or (ii) decoding MPEG-4 or AVC video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed by MPEG LA to provide MPEG-4 and/or AVC video. No license is granted or shall be implied for any other use. Additional information including that relating to promotional, internal and commercial uses and licensing may be obtained MPEG LA, L.L.C. (See <http://www.mpegla.com>). MPEG

Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson.

- This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)
- Other product and company names mentioned herein may be the trademarks of their respective owners.
In context, TM and ® mark are omitted.
- Any rights not expressly granted herein are reserved. All other trademarks are property of their respective owners.

SIM unlock

This terminal supports SIM unlock. If you release SIM lock, you can use SIM by a carrier other than NTT DOCOMO.

- The SIM unlock service is provided at a docomo Shop.
- A SIM unlock charge is separately required.
- If you use a SIM other than by DOCOMO, LTE system is not available. Available services and functions will be limited. DOCOMO is not liable to any failures or malfunctions.
- For details of SIM unlock, refer to NTT DOCOMO website.

Index

A	
About phone	167
Access point	
Initializing	148
Setting	147
Accessibility	166
Account	
Removing	165
Setting	165
ACCOUNTS	165
Adjusting sound volume	153
Advanced call settings	85
Airplane mode	147
Alarm & clock	137
Setting alarm	137
Album	128
Answering Machine	83
Application	
Adding to Home screen (docomo Live UX)	75
Adding to Home screen (Xperia Home) ..	57
docomo LIVE UX	75
List	53
Searching	76
Uninstalling (Xperia Home)	57
Xperia Home	52
Application screen	
Adding	53
docomo LIVE UX	75
Folder	57
Recommends	76
Switching	52
Xperia Home	52
Application update	167
Applications	
Managing	156
Moving	76
Resetting	157
Uninstalling (application screen)	75
Uninstalling (docomo LIVE UX)	73
Uninstalling (Play Store)	104
Apps	
Settings	156
Apps button	
docomo LIVE UX	72
Xperia Home	46
Apps layout setting	76
Auto rotate	41
AUTO-GPS	158
B	
Backlight	
Turning off	37
Turning on	37
Backup & reset	164
Battery level	32
Battery usage	156
Bluetooth	172
Device name	172
Pair setting	173
Receiving	174
Sending	174
Bookmark	102

Brightness	154
Browser	100
Adding tab	101
Bookmark	102
History	102
Incognito tab	101
Link	102
Searching text	101
Settings	102

C

Calendar	54	Face detection	127
Call	78	Info-eye	119
Calling screen	81	Key operation	118
Declining	80	Manual	119
Ending	81	Picture effect	119
Making	78	Quick launch	127
Mute	81	Recording videos	121
Receiving	80	Settings	122
Speaker	81	Shooting screen	117
Call Blocking	85	Shooting still pictures	120
Call forwarding service	84	Smile Shutter	128
Call history	82	Social live by Bambuser	119
Adding to Phonebook	82	Superior auto	118
Deleting	83	Sweep Panorama	119
Call notification	84	Timeshift burst	119
Call settings	84	Changing theme	49
Call Waiting	84	Character entry	61
Caller ID display request service	84	Edit	66
Caller ID notification	84	Input method	62
Camera	116	Settings	66
Activating	117	Charging	31
AR effect	119	Desktop Holder	32
Capturing mode	118	Using a PC	35
		Using AC adapter	34
		Using DC adapter	34
		Chrome	54
		Connecting DLNA device	179
		Media server setting	179
		Connecting to a PC	176
		Connecting TV	180
		Contact docomo	85
		Contact Picker 2.3	71
		Contacts	53

D	
Data Storage Box	56
Data usage	145
Date & time	166
Daydream	154
DEVICE	151
Dial	53
Dictionary	
English user dictionary	71
Japanese user dictionary	71
Disaster kit	56
Display	153
dmarket	103
dmenu	103
docomo apps password	158
docomo backup	139
docomo mail	91
docomo mini UIM card	29
Precautions	19
docomo service/cloud	158
docomo voice input	61
docomo Wi-Fi Easy Connection	56
E	
Early Warning "Area Mail"	99
Earpiece volume	82
Email	94
Deleting	96
Forwarding	96
Initial settings	94
Receiving	95
Replying	96
Saving attachment file	96
Sending	95
Email account	
Changing	97
Settings	94
Emergency call	78
English guidance	84
Equalizer	
Call settings	85
Operation during a call	81
Extensions	71
F	
Facebook	53
File Commander	170
FM radio	115
Force stop	36
G	
Gmail	98
Google	165
Google Maps	135
Current location	135
Displaying information	136
Getting direction	136
Search	136
Street View	135
Google Settings	54
Google Voice Search	60
Google voice typing	61
Google+	54
GPS	
Activate	134
GPS function	133

H		
Hanashite Hon'yaku	56	
Hangouts	55	
HDMI	180	
Home application		
docomo	72	
Switching	59	
Xperia	46	
Home screen	46	
Adding (docomo LIVE UX)	74	
Adding (Xperia Home)	47	
Deleting (docomo LIVE UX)	74	
Deleting (Xperia Home)	47	
docomo LIVE UX	72	
Folder (docomo LIVE UX)	72	
Folder (Xperia Home)	48	
Kisekae	73	
Shortcut	48	
Simple Home	49	
Wallpaper (docomo LIVE UX)	74	
Wallpaper (Xperia Home)	48	
Widget (docomo LIVE UX)	72	
Xperia	46	
I		
IC Tag/Barcode Reader	56	
i-channel	56	
i-concier	56	
iD application	108	
Initial settings	38	
Input support	70	
International call		
Making a call from Japan	79	
Making a call in the country you stay	186	
International roaming service	182	
J		
Japanese syllabary keyboard	62	
K		
Kana handwriting input	62	
Kanji handwriting input	62	
Key icons	40	
Kisekae	73	
Koe-no-Takuhaibin	84	
L		
Landscape view	41	
Language & input	163	
Location services	133	
Activate	134	
Settings	159	
Location-based Wi-Fi	156	
M		
Media Go	177	
Media Player	131	
Playback	131	
Memo	56	
Message (SMS)	91	
Deleting message	93	
Deleting messages (SMS) by sender/recipient	93	
Receiving	92	
Registering contact	92	
Sending	91	
Setting	93	
Messenger	55	

MHL	180
microSD card	
Settings	155
Structure	168
Missed call	83
Moji-Henshu	61
Movies	53
My Magazine	77
Display category setting	77
My profile	
Editing	90
Phonebook	87

N

Network mode	185
Network service	84
NFC	174
NFC/Osaifu-Keitai Lock Settings	107
One-touch function	174
Notification icon	44
Notification LED	42
Notification panel	45
Notification sound	153
Nuisance call blocking service	84

O

Osaifu-Keitai	104
Kazashite-Link compatible service	106
NFC/Osaifu-Keitai Lock Settings	107
Osaifu-Keitai compatible service	105
Own number	6
About phone	167
Phonebook	87

P

PC Companion	209
PERSONAL	158
Personal Unblocking Key (PUK code)	161
Personalization	151
Phone	
Hold	81
Phonebook	86
Adding a new entry	87
cloud (Contacts list)	87
cloud (optional menu)	89
Creating group	88
Deleting	89
Editing	88
Exporting	90
Favorites	89
Group setting	88
Importing	90
Join	89
Making a call	87
My profile (editing)	90
My profile (phonebook entry list screen)	87
Ringtone	89
Share	89
Timeline	86
Phonebook list screen	86
Phonepad keyboard	62
Flick input	65
Toggle entry	65
Photo collection	56
PIN code	161
Play Books	55
Play Games	55
Play Movies & TV	55

Play Store	103
Deleting	104
Installing	103
Playing video	131
Portrait view	41
Power management	156
Proximity sensor	28
Public mode (power OFF) setting	84

Q

QWERTY keyboard	62
-----------------------	----

R

Recent calls screen	82
Recording videos	121
Reject call with message	80
Remote operation settings	84
Remote support	199
Reset	164
Ringtone	153
Ringtone volume	80
Roaming settings	188

S

Schedule	
Creating	136
Display	136
Screen lock	162
Canceling	37
Setting	162
Screen mirroring	146
Screenshot	42
Searching	60
Second call settings	84

Security	159
Security code	
Network security code	161
Personal Unblocking Key (PUK code) ...	161
PIN code	161
Setting menu	142
Shabette concier	56
Shooting still pictures	120
Silent mode	41
SIM card lock	162
Simple Home	49
Sleep mode	37
Slow talk	
Call settings	85
Operation during a call	81
Small apps	58
Smart Connect	146
SMS	91
Software keyboard	61
Software update	203
Sony Select	53
Sound	152
Specific Absorption Rate of Mobile Phone	216
Specification	210
sp-mode	148
Status bar	43
Status icon	43
Stopwatch	138
Storage	
Settings	155
Structure	168
sugotoku contents	55
SYSTEM	166

T	
Task manager	58
Tethering	148
Bluetooth tethering	150
USB tethering	149
Wi-Fi tethering	149
Text editing	66
Theme	
Home screen	49
Timer	138
ToruCa	108
Touch screen	39
Drag	39
Flick	39
Pinch	40
Scroll	39
Swipe	39
Tap	39
Touch and hold	39
TrackID	54
TrackID TV	54
Troubleshooting	191
Turning power on/off	36
TV SideView	54
Twitter	53
U	
Upgrade Android software	207
USB connection	176
USB Storage	155
V	
Vibration	
Email	97
Silent mode	41
SMS	93
Viewing photos	129
Voice mail service	84
VPN	150
W	
WALKMAN	53
Wallpaper	
docomo LIVE UX	74
Xperia Home	48
Waterproofness/Dustproofness	22
White balance	154
Wi-Fi	142
Wi-Fi Direct	145
WIRELESS & NETWORKS	142
WORLD CALL	79
World clock	138
WORLD WING	182
X	
Xperia Chinese keyboard	61
Xperia Connectivity	146
Xperia Japanese keyboard	61
Setting	67
Xperia keyboard	61
Xperia Lounge Japan	54
X-Reality for mobile	153
Y	
YouTube	130

Numerics

- 1Seg 109
 - Program guide 115
 - Recording 114
 - Recording reservation 115
 - Settings 112
 - TV link 114
 - Watching reservation 115
 - Watching 1Seg 111

Make various applications or charge your billing plan, check your charges and points, and more online.

sp-mode: dmenu ⇒ "お客様サポート (Customer support)" ⇒ "各種お申込・お手続き (Various applications/procedures)"
(Packet communication free) (In Japanese only)

PC: My docomo (<http://www.mydocomo.com/>) ⇒ 各種お申込・お手続き (Various applications/procedures)
(In Japanese only)

- * When using with sp-mode, "Network security code" is required.
- * When using with sp-mode, you may be charged.
- * When using with PC, "docomo ID and password" are required for use.
- * Please contact "General Inquiries" described on the last page if you forget or do not have "docomo ID and password".
- * May not be available in some cases depending on the conditions of your subscription.
- * There are cases where the site may not be available due to system maintenance, etc.

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
Using a handheld mobile phone 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 mobile phones.

Have good manners

【Silent mode】 (P.41)

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.152)

Vibrates when there is an incoming call.

【Phone memo】 (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 <http://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-02F, you should dial the number +81-3-6832-6600
(to enter '+', touch and hold '0').

*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.

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.



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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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)

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