



Disney mobile
on ^{NTT} docomo

SH-02G

INSTRUCTION MANUAL '14.10

Introduction

Thank you for purchasing “SH-02G”.

Be sure to read this manual before and during use to ensure proper operation.

Checking operation method

Quick Start Guide (Basic package) (in Japanese only)

This guide describes operations of basic functions.

User's Manual (App of the handset) (in Japanese only)

This manual describes detailed guidance and operations of functions.

In the home screen, display the Apps Sheet ▶

[Instruction Manual]

User's Manual (in PDF format)

This manual describes detailed guidance and operations of functions.

Download from the DOCOMO website

<https://www.nttdocomo.co.jp/english/support/trouble/manual/download/index.html>

※ The URL and contents are subject to change without prior notice.

- The screens and illustrations in this manual are shown as examples. The actual screens and illustrations may differ.
- The explanations in this manual are based on the case when the home app is Feel UX Home. If you change the home app, operation procedures etc. may be different from the explanations of this manual.
- Note that “SH-02G” is referred to as “handset” in this manual.
- This manual refers to microSD Card, microSDHC Card or microSDXC Card as “microSD Card” or “microSD”.
- Reproduction of this manual in part or in whole without prior permission is prohibited.
- The contents of this manual are subject to change without prior notice.

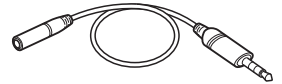
Basic package



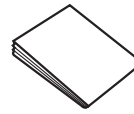
SH-02G
(includes warranty)



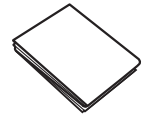
Smartphone pierce (sample)
(includes user's guide)



TV/Mobacas antenna
cable SH01



Quick Start Guide
(in Japanese only)



Notes on usage
(in Japanese only)

- For optional parts (sold separately) compatible with the handset, refer to the DOCOMO website.
<https://www.nttdocomo.co.jp/product/option/> (in Japanese only)

Contents

Using the handset	3
Precautions (ALWAYS FOLLOW THESE DIRECTIONS)	4
Handling precautions	8
Waterproof	10

Before Using the Handset

Part names and functions	13
docomo nano UIM card	13
Charging	14
Turning power on/off	16
Basic operation	16
Character entry	19
Changing screen display to English	22
Initial settings	22
Incoming/Charging illumination	25
Screen display/Icons	25
Home screen	27
Disney Illumi Controller	31
Quick Launcher	31
Recent Apps	32
Home applications	33

docomo LIVE UX

Home screen	34
App screen	35
Installing recommended apps	35
Backing up/Restoring the home screen	35
My magazine	36
Information on apps	36

Call

Making a call	37
Answering a call	38
Operation during a call	39
Outgoing/Incoming call history	40
Voice/Answering memo	40
Call settings/Other	40
Phonebook	41

Mail/Web Browser

docomo mail	44
SMS	44
Email	45
Gmail™	46
Early Warning "Area Mail"	47
Chrome	48

Apps

dmenu	50
dmarket	50
Disney Market	50
Play Store	50
Osaifu-Keitai	51
Mobacas/TV (Full-Seg/1Seg)	52
SH Camera	57
Translation finder	60
Search finder	60
Album	60
Media Player	61
GPS/Navigation	62
YouTube	63
Clock	63
Schedule	64
Memo	65
Calculator	65
SH tool	65
docomo backup	66

Handset Settings

Setting menu	68
Profile	68
Sound	68
Illumination	69
Display	69
Storage	70
Battery & energy saving	70
Useful	71
Application	72
Data usage	72
More	73
docomo service/cloud	73
Location	73
Lock & security	73
Language & input	76
Backup & reset	76
Date & time	77
Accessibility	77
Printing	77
Device info	78

File Management

Storage structure	79
Contents Manager	80

Data Communication

Infrared communication	81
Bluetooth® function	81
NFC communication	83

External Device Connection

PC connection	.84
Printing/Saving by print service	.84
Home network settings	.84
USB host function	.85
Wireless output (Miracast).	.85
Cooperating with Blu-ray Disc recorder.	.85
VPN (Virtual Private Network)	.86

International Roaming

Outline of international roaming (WORLD WING).	.87
Available services overseas	.87
Before use overseas	.87
Settings for use overseas	.87
Making/Receiving a call in your country of stay	88
Setting international roaming	89
Checking after homecoming	89

Appendix/Index

Troubleshooting (FAQ)	.90
Anshin Enkaku Support	.92
Warranty and After-Sales Service	.92
Updating software	.93
Upgrading Android™ version	.95
Main specifications	.96
Specific Absorption Rate (SAR) of Mobile Phones	.97
Export Administration Regulations	.99
Intellectual Property Right	.99
Unlocking SIM lock	.100
Index	.101

Using the handset

- The handset supports LTE, W-CDMA, GSM/GPRS and wireless LAN systems.
- Because the handset relies on radio signals, it cannot be used in a place with no signal (such as tunnels, underground or in buildings), in places with a weak signal or outside the Xi service area or FOMA service area. You may not use the handset in the upper floors of a building even with no obstructions in sight. There may also be times when the signal is strong and you are not moving but the call is interrupted.
- Because the handset uses radio waves, it is possible for a third party to listen in on a conversation. However, since the LTE, W-CDMA and GSM/GPRS systems automatically apply a private call feature to every call, a third party that tries to listen in only hears noise.
- The handset converts conversations into a digital signal and sends it to the other party over the radio. If the signal cannot be reconverted properly by such as moving to an area with a weak signal, the voice may not be heard correctly.
- Take notes of information (e.g. the phonebook, calendar, note, voice memo, answering memo) stored on the handset or save the information to external memory devices such as microSD Cards and PCs periodically. DOCOMO shall not be liable for any loss of content due to a failure, repair, model change or other handling of the handset.
- As with PCs, some user-installed apps etc. may disrupt the stability of your handset performance or unexpectedly transmit information via the Internet causing improper use of your location information, personal information stored on the handset, etc. Therefore, verify the supplier and operating conditions of the apps etc. to be used before using them.
- The handset supports the FOMA Plus-Area and the FOMA HIGH-SPEED Area.
- When the available space on the microSD Card or the handset is insufficient, apps in use may not work properly. In this case, delete saved data.
- The handset does not support connection to i-mode website (program), i-αpli, etc.
- The handset does not support providers other than sp-mode, mopera U and Business mopera Internet.
- In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Profile] to check your phone number (own number).
- The handset does not support Public Mode (Drive Mode).
- Setting the handset to the manner mode does not mute sounds (camera shutter sound etc.) other than the ringtone, operation sound, and various notification sounds.
- The handset automatically performs communication for some functions, for example, to synchronize data, check the latest software version or maintain connection with the server. Also, making a communication with large-volume data such as downloading apps or watching videos will lead to higher packet communication charges. Subscription to Packet Pack/flat-rate packet communication services is highly recommended.
- Even while the Wi-Fi connection is set, packet communication charges may be incurred depending on the app and service you use.
- Software on the handset can be updated to up-to-date status (P. 93 "Updating software").
- For details on software version of your handset P. 78 "Device info"
- New functions may be added to the handset or the operation method may change by upgrading the OS version. Check the DOCOMO website for the latest information on these additions and changes.
- If the OS is upgraded, some apps used in the previous OS version may not be available or some unintended bugs may occur.
- Secure the security of the handset by setting Screen lock in case you lose it (P. 73 "Lock & security").
- If your handset is lost, change your password for each account using a PC to prevent other persons from using Google™ services such as Gmail and Google Play™, and services such as SNS.
- Apps and their service contents are subject to change without prior notice.
- Read the terms of service of Google Inc. for details on Google services. Also, read each terms of service for details on other web services.
- Subscription to sp-mode is required to use tethering.
- Subscription to Packet Pack/flat-rate packet communication services is highly recommended to use tethering.
- Since Mobacas is a service that collaborates with communications, packet communication charges are incurred when using this service. Subscription to Packet Pack/flat-rate packet communication services is recommended.
- For details on usage fees etc., refer to the following website. <https://www.nttdocomo.co.jp/> (in Japanese only)
- The display is manufactured using high-precision technology, but it may contain dots that fail to light or that remain permanently lit on some areas. This is a characteristic of LCD and not a malfunction.
- The battery is built into the handset and you cannot replace it by yourself.
- Note that DOCOMO shall not guarantee operation of commercially available optional parts.

Precautions (ALWAYS FOLLOW THESE DIRECTIONS)

- Before use, read these “Precautions” carefully and use your handset properly.
Keep this manual in a safe place for future reference.
- These precautions contain information intended to prevent bodily injury to the user and to surrounding people, as well as damage to property, and must be observed at all times.

The following symbols indicate the different degrees of injury or damage that may occur if information provided is not observed and the handset is used improperly.

 Danger	This symbol indicates that “death or serious bodily injury may directly and immediately result from improper use”.
 Warning	This symbol indicates that “death or serious bodily injury may result from improper use”.
 Caution	This symbol indicates that “minor injury and/or property damage may result from improper use”.

The following symbols indicate specific directions.

 Don't	Indicates a prohibited action.	 No wet hands	Indicates not to handle the device with wet hands.
 No disassembly	Indicates not to disassemble the device.	 Instruction	Indicates that instructions specified are compulsory (must be followed).
 No liquids	Indicates not to use the device near water or get it wet.	 Unplug	Indicates that the power cord must be unplugged from the outlet.

“Precautions” is explained in the following six sections.

- Handling the handset, adapters, docomo nano UIM card and TV/Mobacas antenna cable (general). P. 4
- Handling the handset P. 5
- Handling adapters P. 6
- Handling docomo nano UIM card P. 7
- Handling near electronic medical equipment P. 7
- Material list P. 7

Handling the handset, adapters, docomo nano UIM card and TV/Mobacas antenna cable (general)

Danger



Do not use, store or leave the equipment in locations subject to high temperatures (near a fire or heating unit, in a kotatsu, under direct sunlight, inside a vehicle on a hot day, etc.).
May cause fires, burns or bodily injury.



Do not place the equipment inside cooking appliances such as microwave ovens or pressure cookers.
May cause fires, burns, bodily injury or electric shock.



No disassembly

Do not attempt to disassemble or modify the equipment.
May cause fires, burns, bodily injury or electric shock.



No liquids

Do not get the equipment wet with water, drinking water, pet urine, sweat, etc.
May cause fires, burns, bodily injury or electric shock.
Refer to the following for details on waterproofness.
☞ P. 10 “Waterproof”



No liquids

Do not allow liquids (water, drinking water, pet urine, sweat, etc.) to get inside the charger terminal or external connector terminal.
May cause fires, burns, bodily injury or electric shock.
Refer to the following for details on waterproofness.
☞ P. 10 “Waterproof”



Instruction

Use only optional parts specified by NTT DOCOMO for use with the handset.
May cause fires, burns, bodily injury or electric shock.

Warning



Do not subject the equipment to strong force or impacts or throw it.
May cause fires, burns, bodily injury or electric shock.



Do not allow conductive materials (such as metal objects and pencil lead) to come into contact with the charger terminal, external connector terminal or earphone/microphone terminal. In addition, do not insert such objects.
May cause fires, burns, bodily injury or electric shock.



Do not cover or wrap the equipment with bedding etc. when using or charging.
May cause fires or burns.



Instruction

Be sure to turn off the handset and not to charge the battery in locations such as gas stations where flammable gas may be generated.
May cause a gas explosion or fire.
To use Osaifu-Keitai in locations such as gas stations, be sure to turn off the power in advance (If NFC/Osaifu-Keitai lock is set, disable the lock before turning off the power).



Instruction

If you notice anything unusual, such as an unusual odor, overheating, discoloration or deformation during use, charging or storage, immediately follow the instructions below.

- Unplug the power plug from the outlet or cigarette lighter socket.
- Turn off the handset.

May cause fires, burns, bodily injury or electric shock.

Caution



Don't

Do not leave the equipment on unstable surfaces, such as on a wobbly table or sloped surface.

May fall and cause injury.



Don't

Do not store the equipment in locations that are subject to humidity, dust or high temperatures.

May cause fires, burns or electric shock.



Instruction

If being used by a child, have a guardian teach him/her the proper handling procedures. In addition, check that the child is using the equipment as directed.

May result in bodily injury etc.



Instruction

Keep the equipment out of the reach of young children.

A young child may swallow the equipment, or suffer bodily injury or electric shock.



Instruction

Be very careful when using the handset connected to an adapter continuously for a long time.

The handset or adapter may become warm if you use an app or video call, watch a video or TV, etc. for a long time while charging.

Directly touching a warmed part for a long time may cause redness, itching, rashes, etc. on your skin, or result in low-temperature burns depending on your constitution or health condition.

Handling the handset

The following is the type of the internal battery built into the handset.

Label	Battery type
Li-ion00	Lithium-ion

Danger



Don't

Do not throw the handset into a fire or heat it.

The internal battery may catch fire, explode, overheat or leak.



Don't

Do not apply excessive force on the handset such as by puncturing it, hitting it with a hammer or stepping on it.

The internal battery may catch fire, explode, overheat or leak.



Instruction

If the battery fluid etc. comes into contact with your eyes, do not rub your eyes but immediately rinse your eyes with clean water. Then seek prompt medical treatment.

May result in loss of eyesight.

Warning



Don't

Do not aim the infrared port towards the eyes.

May have harmful effects on the eyes.



Don't

Do not aim the infrared port towards home electric appliances with an infrared device during infrared communication.

May interfere with the operation of infrared devices and cause an accident.



Don't

Do not point the illuminated light directly at someone's eyes. Especially when you shoot still pictures or videos of young children, keep 1 m or more distance from them.

Do not use Mobile light near people's faces. Eyesight may be temporarily affected leading to accidents.



Don't

Do not allow water or other liquids, metal, flammable material or other foreign objects to enter the docomo nano UIM card slot or microSD Card slot on the handset.

May cause fires, burns, bodily injury or electric shock.



Don't

Do not shine the light at anyone driving a car or other vehicles.

May prevent a driver from driving safely and cause a traffic accident.



Instruction

Turn off the handset or set it to Airplane mode before going aboard an airplane.

Since using the handset on airplanes is restricted, follow the instructions given by the respective airlines.

May interfere with the operation of electronic devices installed on the airplane.

If you commit a prohibited act while using the handset on an airplane, you may be punished by law.



Instruction

Follow the instructions given by the respective medical facility regarding the use of the handset in a hospital.

Turn off the handset in areas where the use of mobile phones is prohibited.

May interfere with the operation of electronic devices and electronic medical equipment.



Instruction

Keep the handset away from the ears during a call in which hands-free is set or while the ringtone is ringing.

When you attach the earphone/microphone etc. to the handset to play games, music, etc., do not make the volume too loud.

Excessively high volume may damage your hearing.

Also, it may prevent you from hearing ambient sounds and cause an accident.



Instruction

If you have a weak heart, take extra precautions when setting functions such as the vibrator and ringtone volume for incoming calls.

May have harmful effects on your heart.



Instruction

If you are using electronic medical equipment etc., contact the respective manufacturer or dealer to check whether the operation of the equipment is affected by signals.

May interfere with the operation of electronic medical equipment etc.



Instruction

Turn off the handset near high-precision electronic devices or devices that use weak electronic signals.

May interfere with the operation of electronic devices.

Take particular care with the following devices

Hearing aids, implanted cardiac pacemakers, implanted cardioverter-defibrillators or other electronic medical equipment. Fire alarms, automatic doors, and other equipment controlled by electronic signals. If you use an implanted cardiac pacemaker, implanted cardioverter-defibrillator or other electronic medical equipment, contact the respective manufacturer or dealer to check whether the operation of the equipment is affected by signals.



Instruction

If the display part or camera lens is damaged, be careful of broken glass and the exposed inside of the handset.

Tape is pasted on the back of the display while the surface of the display is covered by a protective film so as to minimize the possibility of glass scattering. However, touching the broken or exposed parts may cause bodily injury.



Instruction

If the internal battery leaks or emits an unusual odor, immediately stop using the handset and move it away from any naked flames or fire.

The battery fluid is flammable and could ignite, causing a fire or explosion.

Caution



Don't

Do not swing the handset by its strap etc.

May hit you or others around you, resulting in an accident such as bodily injury.



Don't

Do not use a damaged handset.

May cause fires, burns, bodily injury or electric shock.



Don't

For using a motion sensor and geomagnetic sensor, check the safety around, hold the handset and do not swing it more than necessary.

May cause an accident such as bodily injury.



Don't

If the display is broken and the liquid crystal then leaks, do not get the liquid on your skin (face, hands, etc.).

May result in loss of eyesight or harm to your skin.

If the liquid crystal comes into contact with your eyes or mouth, immediately rinse the contacted area with clean water and seek medical treatment.

If the liquid crystal comes into contact with your skin or clothes, immediately wipe the liquid crystal off with alcohol etc., and rinse the contacted area with soap etc.



Don't

The surface of the display is covered with a protective film for ensuring the security (shatterproof property of reinforced glass panel) against any damages caused by the handset being dropped or receiving a strong impact etc. Do not remove the film forcibly or damage it.

Using the handset with the film removed may cause bodily injury if the display gets damaged.



Don't

Do not dispose of the handset in ordinary garbage.

May cause fires or damage to the environment. Take the unnecessary handset to a sales outlet such as a docomo Shop or follow the instructions by a local institution that handles used handsets.



Instruction

If you use the handset in a vehicle, contact the vehicle manufacturer or dealer to check whether the operation of the vehicle is affected by signals.

May interfere with the operation of electronic equipment in some vehicle models. In this case, stop using the handset.



Instruction

Use of the handset may cause itching, rashes, eczema, etc. depending on your constitution or health condition. If this occurs, immediately stop using the handset and seek medical treatment.

For details on materials of each part  P. 7 "Material list"



Instruction

Look at the display in a well-lit place, keeping a certain distance from the screen.

Otherwise, eyesight may be weakened.



Instruction

If the battery fluid etc. leaks, do not get the liquid on your skin (face, hands, etc.).

May result in loss of eyesight or harm to your skin.

If the liquid etc. comes into contact with your eyes, mouth, skin or clothes, immediately rinse the contacted area with clean water.

If the liquid etc. comes into contact with your eyes or mouth, seek medical treatment immediately after rinsing the contacted area.

Handling adapters

Warning



Don't

Do not use if the cord of the adapter is damaged.

May cause fires, burns or electric shock.



Don't

Never use the AC adapter in humid locations such as a bathroom.

May cause fires, burns or electric shock.



Don't

The DC adapter should only be used in negative grounded vehicles. Never use it in positive grounded vehicles.

May cause fires, burns or electric shock.



Don't

Do not touch adapters if you hear thunder.

May cause electric shock.



Don't

Do not short-circuit the charger terminal when connected to an outlet or cigarette lighter socket. Also, do not allow any part of your body (hands, fingers, etc.) to come into contact with the charger terminal.

May cause fires, burns or electric shock.



Don't

Do not place heavy objects on the cord of the adapter.

May cause fires, burns or electric shock.



Don't

When plugging/unplugging an AC adapter into/from the outlet, do not allow metallic straps or other metallic objects to come into contact with the prongs of the plug.

May cause fires, burns or electric shock.



Don't

Do not apply excessive force on an adapter by moving it up/down or to the left/right with the adapter connected to the handset.

May cause fires, burns, bodily injury or electric shock.



Don't

Never try to connect the microUSB plug when the handset or AC adapter is wet.

Inserting the microUSB plug while the equipment is wet may cause short circuit when you charge the battery and lead to abnormal overheat, malfunction, fires or burns due to water, foreign objects, etc. adhering to the handset or microUSB plug though the handset provides waterproof performance.



No wet hands

Do not handle the cord or charger terminal of the adapters or outlet with wet hands.

May cause fires, burns or electric shock.



Instruction

Always use the specified power supply and voltage. When using overseas, use the AC adapter that is available overseas.

Using the incorrect voltage may cause fires, burns or electric shock.

AC adapter: 100V AC

DC adapter: 12/24V DC (for negative grounded vehicles only)

AC adapter available overseas: 100 to 240V AC (Connect only with a household AC outlet)



Instruction

If the fuse in the DC adapter blows, always replace it with a specified fuse.

May cause fires, burns or electric shock. Refer to the respective manuals for information on specified fuses.



Instruction

Wipe off any dust on the power plug.

May cause fires, burns or electric shock.



Instruction

Fully plug the AC adapter into the outlet.

May cause fires, burns or electric shock.



Instruction

Always grasp the adapters when unplugging the power plug from the outlet or cigarette lighter socket. Do not forcibly pull by the cord of the adapter.

May cause fires, burns or electric shock.



Instruction

When plugging/unplugging an adapter into/from the handset, plug/unplug the adapter horizontally and straightly, not applying excessive force on it.

May cause fires, burns, bodily injury or electric shock.



Unplug

Unplug the power plug from the outlet or cigarette lighter socket when not using for a long time.

May cause fires, burns or electric shock.



Unplug

Should water or other liquids enter the equipment, remove the power plug from the outlet or cigarette lighter socket immediately.

May cause fires, burns or electric shock.



Unplug

Always unplug the power plug from the outlet or cigarette lighter socket before cleaning the equipment.

May cause fires, burns or electric shock.

Handling docomo nano UIM card

Caution



Instruction

Be careful with the cutting surface when handling the docomo nano UIM card.

May cause bodily injury.

Handling near electronic medical equipment

Warning



Instruction

If you have electronic medical equipment such as an implanted cardiac pacemaker or an implanted cardioverter-defibrillator, always carry or use your handset at least 15 cm away from your implant.

Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment.



Instruction

Patients receiving medical treatment away from a medical facility (e.g. home treatment) who are using electronic medical equipment other than implanted cardiac pacemakers or implanted cardioverter-defibrillators should consult the respective manufacturers etc. for information regarding the effects of signals on the equipment.

Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment.



Instruction

If there is any chance that the distance between the handset and a person closest to you may get shorter than 15 cm such as when you cannot freely move around, set the handset not to emit radio wave in advance (by setting Airplane mode, turning the power off, etc.).

Somebody nearby may be equipped with electronic medical equipment such as an implanted cardiac pacemaker or an implanted cardioverter-defibrillator. Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment.



Instruction

Follow the instructions given by the respective medical facilities regarding the use of the handset on their premises.

Material list

Handset

Part	Material/Surface treatment
Display side	Reinforced glass/Shatterproof sheet of surface
Surrounding area of display side	PC resin/UV coating for surface
Upper surface	PC resin/UV coating for surface
Back	PC + ABS resin/Hot stamping (mascot section), UV coating for surface
docomo nano UIM card slot	SUS/Ni plating
microSD Card slot	SUS/Ni plating
docomo nano UIM card/microSD Card slot cover	PC resin/UV coating for surface
Gasket of docomo nano UIM card/microSD Card slot cover	Silicon rubber
Tray for inserting docomo nano UIM card	POM resin
IMEI plate	PP resin
Power key	PC resin/UV coating for surface
Side key	PC resin/UV coating for surface

Part	Material/Surface treatment
Camera panel	Reinforced glass/Printing on the back
Decoration of camera	Aluminum/Anodizing
Infrared port panel	PMMA resin
Mobile light	PC resin
External connector terminal	SUS/Sn plating, Copper alloy/ Gold plating
Strap pin	PA resin

TV/Mobacas antenna cable SH01

Part	Material/Surface treatment
Earphone/Microphone terminal (Outer section)	Olefin system elastomer
Earphone/Microphone terminal (Middle section)	PBT resin
Earphone/Microphone terminal (Inner section)	PA resin
Earphone/Microphone terminal (Metal section)	Ni base, Phosphor bronze/ Gold plating
Cord	Styrene system elastomer
Connector	Olefin system elastomer
Connector (Connection)	POM resin
Plug (Metal section)	Ni base, Brass/Gold plating
Plug (Resin section)	PP resin

Handling precautions

General notes

- **SH-02G is waterproof, however, do not allow water to get inside the handset and do not allow accessories or optional parts to get wet.**
The adapter, docomo nano UIM card and TV/Mobacas antenna cable are not waterproof. Do not use in humid or steamy areas such as bathrooms and avoid exposing to rain and other forms of moisture. If they are carried close to the skin, perspiration may cause internal components to corrode and result in malfunction. Note that if a problem is found to be due to moisture, the handset and parts are not covered by warranty and in some cases may be irreparable. Even when repairs are possible, repair charges will be incurred, since the damage is not covered by warranty.
- **Clean only with a soft and dry cloth (such as the type used for eyeglasses).**
 - Forceful rubbing of the display with a dry cloth etc. may scratch its surface.
 - Water drops, dirt, etc. left on the display may cause stains to form on its surface.
 - Never use chemicals such as alcohol, thinners, benzene or detergents, as these agents may erase the printing or cause discoloration.
- **Occasionally clean terminals with a dry cotton swab etc.**
Dirty terminals may result in poor connections and loss of power or insufficient battery charge. Keep the terminals clean with a dry cotton swab etc.
Be careful with the terminals while cleaning them.
- **Do not place the equipment near an air conditioning vent.**
Condensation formed due to rapid changes in temperature may cause internal corrosion and lead to a malfunction.

- **Do not apply excessive force on the handset etc. when using it.**
Carrying the equipment in a tightly packed bag or sitting on it put in your pocket may cause damage to the display, internal components, etc. or result in a malfunction.
Keeping an external connector device plugged into the external connector terminal or earphone/microphone terminal may cause damage or a malfunction.
- **Do not rub or scratch the display with metal etc.**
May scratch it and cause a malfunction or damage.
- **Read the respective user's guides supplied with supported optional parts carefully.**

Notes about the handset

- **Do not forcefully press the surface of the touch panel or operate with a pointed object such as a fingernail, ballpoint pen or pin.**
May damage the touch panel.
- **Avoid using the handset in extremely high or low temperatures.**
Use the handset within the range of a temperature between 5°C and 35°C and a humidity between 45% and 85%.
- **Using the handset close to land-line phones, TVs, radios, etc. may have harmful effects on the operation of such equipment. Move as far away as possible from such items before use.**
- **Keep a separate memo noting information stored on the handset.**
DOCOMO shall not be liable for any loss of content.
- **Do not drop or otherwise subject the handset to severe impact.**
May cause a malfunction or damage.
- **When connecting an external connector device to the external connector terminal or earphone/microphone terminal, do not put it in obliquely and do not pull it while it is plugged in.**
May cause a malfunction or damage.
- **The handset becomes warm during use or charging but this is not a malfunction.**
- **Do not leave the camera in direct sunlight.**
May cause discoloration or burn-in of pixels.
- **Use the handset with the docomo nano UIM card/microSD Card slot cover closed.**
Dust, water, etc. may get inside and cause a malfunction.
- **While using a microSD Card, do not remove the card or turn off the handset.**
May cause data loss or a malfunction.
- **Never place a magnetic card near the handset.**
The stored magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
- **Never place magnetized items near the handset.**
Putting highly magnetized items closer may cause an error.
- **The internal battery is a consumable product.**
Though the battery life varies with use, change the battery if the battery life is extremely short even after being fully charged. For details on replacing the internal battery, contact the number listed in "Repairs" (in Japanese only) on the last page or a repair counter that DOCOMO specifies.
- **Charge battery in areas where ambient temperature is between 5°C and 35°C.**
- **The battery life depends on the usage and deterioration of the battery.**
- **Avoid the following situations when the handset is stored.**
 - Storage with the internal battery fully charged (immediately after charging is completed)
 - Storage with no battery level (cannot turn the handset on)
May lower the performance or shorten the usable life of the internal battery.
Approximately 40% is recommended as the proper battery level for storage.

- The surface of the handset uses the aluminum material. Note that dent and abrasion are easily remained as aluminum is a soft material.

Notes about adapters

- Charge the battery in areas where the ambient temperature is between 5°C and 35°C.
- Do not charge the internal battery in the following locations.
 - Areas with high humidity or dust, or in areas exposed to frequent vibrations
 - Close to land-line phones, TVs, radios, etc.
- Adapters may become warm during charging but this is not a malfunction.
- Do not use the DC adapter to charge the battery when the car engine is not running.
May cause the car battery to run down.
- When using an outlet with a feature to prevent the plug from being removed accidentally, follow the instructions in the outlet user's guide.
- Do not subject to strong impacts. Also, do not deform the charger terminals.
May cause a malfunction.

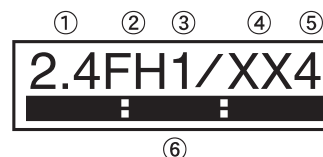
Notes about docomo nano UIM card

- Do not apply unnecessary force when inserting/removing the docomo nano UIM card.
- Customer is responsible for malfunctions arising from inserting docomo nano UIM card into a different IC card reader/writer etc.
- Always keep IC area clean.
- Clean only with a soft and dry cloth (such as the type used for eyeglasses).
- Keep a separate memo and note information stored on the docomo nano UIM card.
DOCOMO shall not be liable for any loss of content.
- To protect the environment, please take any unneeded docomo nano UIM cards to a sales outlet such as a docomo Shop.
- Do not damage, touch haphazardly or short-circuit the IC.
May cause data loss or a malfunction.
- Do not drop or otherwise subject the docomo nano UIM card to severe impact.
May cause a malfunction.
- Never bend the docomo nano UIM card or place heavy objects on it.
May cause a malfunction.
- Do not insert the docomo nano UIM card to the handset with a label, sticker, etc. attached on the card.
May cause a malfunction.

Notes on using Bluetooth function

- The handset supports the security function that meets the Bluetooth specification for security during communication using Bluetooth functions. However, the security may not be sufficient depending on the configuration etc. Take care of the security while making communication using Bluetooth function.
- Even if any leak of data or information occurs while making communication using Bluetooth function, DOCOMO shall not be liable for any loss of content.

- Radio frequencies
In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Device info] ▶ [Authentication] to confirm the radio frequencies the Bluetooth function of the handset uses. The followings are the descriptions:



- ① 2.4: This radio equipment uses the 2,400 MHz band.
- ② FH: The modulation system is the FH-SS system.
- ③ 1: The estimated coverage distance is 10 m or less.
- ④ XX: Another modulation system is used.
- ⑤ 4: The estimated coverage distance is 40 m or less.
- ⑥ ■■■■■ : All radio frequencies between 2,400 MHz and 2,483.5 MHz are used and the frequencies for mobile object identifiers cannot be avoided.

● Cautions on using Bluetooth devices

Bluetooth operates at radio frequencies assigned to the in-house radio stations for a mobile object identifier that have to be licensed and are used in production lines of a factory, specific unlicensed low power radio stations, and amateur radio stations (hereafter, referred to as “another radio station”) in addition to industrial, scientific and medical devices or home electric appliances such as microwave ovens.

1. Before using the handset, make sure that “another radio station” is not operating nearby.
2. If radio interference between the handset and “another radio station” occurs, avoid interference by moving immediately to another place or “turning off the power”.
3. Contact the number listed in “General Inquiries” on the last page for further details.

Notes about wireless LAN (WLAN)

- Wireless LAN (WLAN) uses radio waves to communicate information. Therefore, it has an advantage of freely connecting to the LAN within the service area. On the other hand, if security setting is not set, it is possible for a malicious third party to intercept the communication contents or hack. It is recommended to set security setting at your own risk and judgement.

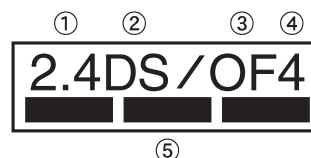
● Wireless LAN

Do not use wireless LAN near magnetic devices such as electric 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.

● Radio frequencies

In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Device info] ▶ [Authentication] to confirm the radio frequencies the WLAN-installed devices use. The followings are the descriptions:



- ① 2.4: This radio equipment uses the 2,400 MHz band.
- ② DS: The modulation system is the DS-SS system.
- ③ OF: The modulation system is the OFDM system.
- ④ 4: The estimated coverage distance is 40 m or less.

- ⑤ **Frequency bands**: All radio frequencies between 2,400 MHz and 2,483.5 MHz are used and the frequencies for mobile object identifiers can be avoided.

Available channels for the handset's wireless LAN are between 1 and 13. Note that other channel access points cannot be connected.

Available channels may vary depending on the country.

For use in an aircraft, contact the airline beforehand.

● **Cautions on using 2.4 GHz devices**

WLAN-installed devices operate at radio frequencies assigned to the in-house radio stations for a mobile object identifier (radio stations requiring a license) used in production lines of a factory, specific low power radio stations (radio stations requiring no license), and amateur radio stations (radio stations requiring a license) in addition to industrial, scientific and medical devices or home electric appliances such as microwave ovens.

1. Before using this device, make sure that the in-house radio stations for a mobile object identifier, specific low power radio stations and amateur radio stations are not operating nearby.
2. If the device causes harmful radio interference to the in-house radio stations for a mobile object identifier, immediately change the radio frequency or stop use, and contact the number listed in "General Inquiries" on the last page for crosstalk avoidance, etc. (e.g. partition setup).
3. If the device causes radio interference to specific low power radio stations for a mobile object identifier or amateur radio stations, contact the number listed in "General Inquiries" on the last page for further details.

● **Cautions on using 5 GHz devices**

In the 5 GHz frequency band, three bands of 5.2 GHz/5.3 GHz/5.6 GHz band (W52/W53/W56) are available.

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

Using 5.2 GHz/5.3 GHz band wireless LAN (W52/W53) outdoors is prohibited by the Radio Law.

FeliCa and NFC reader/writer

- **The FeliCa, NFC reader/writer and P2P function of the handset use weak radio waves whose handling does not require a license of radio station.**
- **The frequency in use is the 13.56 MHz band. When another reader/writer or P2P function is being used nearby, keep enough distance from it. Make sure that there is no radio station using the same frequency band in the nearby area.**
- **For use in an aircraft, contact the airline beforehand. Use of the function may be restricted in some countries. Check conditions such as regulations of the country/region to use the function.**

Caution

- **Never use the handset that is modified. Using a modified device violates the Radio Law and/or the Telecommunications Business Law.**

The handset follows the regulations regarding the certification of conformity with technical regulations for specific radio stations etc. based on the Radio Law and authentication of conformity with technical regulations for devices etc. based on the Telecommunications Business Law, and the "Technical Conformity Mark" can be displayed on the electronic nameplate of the handset as a proof. You can see it by operating as follows. In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Device info] ▶ [Authentication]

If the screws of the handset are removed and a modification is given to the inside, the certification of conformity with technical regulations etc. will become invalid. Never use the handset without the valid certification etc. Doing so violates the Radio Law and/or the Telecommunications Business Law.

- **Be careful when using the handset while driving a motor vehicle.**

Using a mobile phone in hand while driving is regarded as a punishable act.

However, the punishment has no application in some cases such as when rescuing sick and injured people or maintaining public safety.

- **Use the FeliCa reader/writer function only in Japan.**

The FeliCa reader/writer function of the handset conforms to the domestic radio wave standards. Using the function overseas may result in punishment.

- **Never change the basic software improperly.**

This may be regarded as a conversion of software and repairs may be refused.

Waterproof

SH-02G is waterproof to IPX5*1 and IPX7*2 standards if the docomo nano UIM card/microSD Card slot cover is securely closed.

- *1 IPX5 means that phone keeps functioning after being subjected to a jet flow (12.5 liters/min) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from the handset) for 3 minutes or more.
- *2 IPX7 means that SH-02G phone keeps functioning after it is slowly submerged to depth of 1 m in static tap water at room temperature, left there for approximately 30 minutes and then taken out.

What you can do with waterproof of SH-02G

- You can call without using an umbrella in the rain (for rainfall of approximately 20 mm per hour).
- You can rinse off dirt from the handset. Wash the handset with low-pressure water flow (6 liters/min or lower and tap water at room temperature (between 5°C and 35°C)), holding it approximately 10 cm below faucet or shower head. Wash by using only your hands, not a brush or sponge, with the docomo nano UIM card/microSD Card slot cover held in position. Drain the handset before use (▶ P. 11 "Draining water when the handset gets wet").
- You can use the handset at a poolside. Do not throw water in a swimming pool on the handset or soak the handset in the water of a swimming pool.

Things to keep in mind

To maintain waterproof performance, check the followings.

- Securely close the docomo nano UIM card/microSD Card slot cover. Be careful not to apply excessive force on the rubber gasket when opening and closing.
- Make sure that the docomo nano UIM card/microSD Card slot cover is completely closed without floating.
- To maintain waterproof performance, the handset has the docomo nano UIM card/microSD Card slot cover that allows you to close securely. Note that opening it forcibly may cause injuries to your nails, fingers, etc.
- For details on how to open/close the docomo nano UIM card/microSD Card slot cover ▶ P. 13 "Inserting docomo nano UIM card"

- To maintain waterproof performance, replacement of parts is recommended every 2 years regardless of whether the handset appears normal or abnormal. DOCOMO replaces the parts as a chargeable service. Bring the handset to a repair counter that DOCOMO specifies.

Precautions

- When your hands or the handset is wet, do not open/close the docomo nano UIM card/microSD Card slot cover.
- Close the docomo nano UIM card/microSD Card slot cover securely. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow water to get inside.
- If the handset gets wet with water or other liquids with the docomo nano UIM card/microSD Card slot cover opened, the liquid may get inside causing electric shocks or malfunction. Stop using the handset, turn off the power and contact a repair counter that DOCOMO specifies.
- The rubber gasket of the contact surface between the main body and docomo nano UIM card/microSD Card slot cover plays an important role in maintaining waterproof performance. Do not remove or scratch it. Also, prevent dust from adhering to it. If the rubber gasket is damaged or deformed, replace it at a repair counter that DOCOMO specifies.
- Do not insert a pointed object through the docomo nano UIM card/microSD Card slot cover gaps. It may cause damage to the rubber gasket and allow water to get inside.
- Do not use the handset underwater (including key operations). May cause malfunction.
- Do not directly apply water flow stronger than allowed (over 6 liters/min). May cause malfunction though SH-02G provides waterproof performance of IPX5.
- Do not let the handset get wet with liquids other than water at room temperature (between 5°C and 35°C) or do not soak the handset in the liquids. If you let the handset get wet with liquids other than water at room temperature or soak the handset in the liquids, stop using the handset and wash it with water at room temperature.
- Do not wash the handset in a washing machine etc.
- To prevent condensation, do not bring the handset from a cold place to a warm place without letting the handset warmed to room temperature.
- Never soak the handset in hot spring water or water containing soap, detergent or bath powder.
- Do not soak the handset in hot water, use it in a sauna or apply hot air (from a hair dryer etc.) to it.
- Do not soak the handset in seawater.
- Do not put the handset directly on sand/dirt.
- Do not leave the handset wet. In cold places, water may freeze and cause malfunction.
- The handset does not float on water.
- Do not let the handset fall. It may become scratched and cause the waterproof performance to degrade.
- Do not leave water on the mouthpiece/microphone, earpiece, speaker, out-microphone or earphone/microphone terminal. Such water may interfere with talking.
- Do not poke the mouthpiece/microphone, earpiece, speaker, out-microphone, external connector terminal, earphone/microphone terminal, etc. with a pointed object.
- Do not insert an earphone/microphone to the handset while the handset is wet. May cause malfunction.
- Accessories and optional parts are not waterproof. Do not use them in rooms where water is regularly in use such as bathroom, shower room, kitchen or lavatory.



Soap/Detergent/
Bath powder



Seawater



Swimming pool



Hot spring



Sand/Dirt

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

Draining water when the handset gets wet

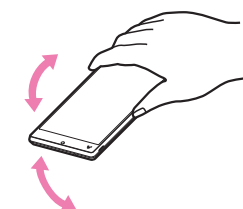
When the handset is wet, water may flow out after wiping it off.
Drain the water by following the steps below.

1 Wipe off water on the handset surface with dry and clean cloth etc.

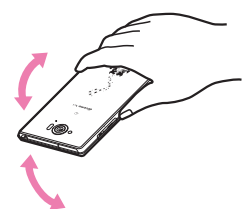
- If a strap is attached, dry the strap as well.



2 Shake the handset approximately 20 times, securely holding it, until there is no more water splattering



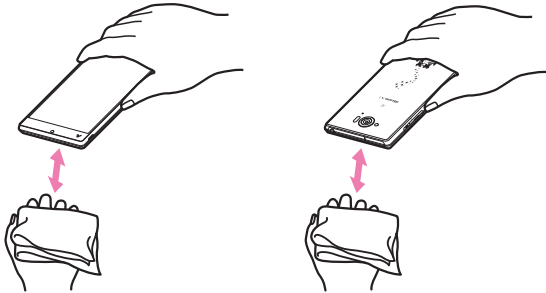
To drain water off the speaker, shake the handset with the speaker turned down



To drain water off the earpiece, shake the handset with the earpiece turned down

- 3 Softly press the handset against dry and clean cloth etc. to wipe off water remaining in the grooves of the mouthpiece/microphone, earpiece, speaker, out-microphone, keys, external connector terminal, earphone/microphone terminal, strap hole, etc.**

- Pat the opening with cloth etc. to remove water because there may be any water remaining in the grooves of each part.



- 4 Wipe off water oozing from the handset with dry and clean cloth etc. and leave it for a while to dry it**

- Water, if any, remaining in the main body may ooze after wiping off.
- Pat the opening with cloth etc. again to remove water because you may not be able to hear sounds well if drainage is insufficient.

Charging

Accessories and optional parts are not waterproof. Check the followings before and after charging.

- Make sure that the handset is not wet. If the handset is wet or after the handset is wet, adequately drain it and wipe off water with dry and clean cloth etc. then leave it for a while to dry it before opening the docomo nano UIM card/microSD Card slot cover.

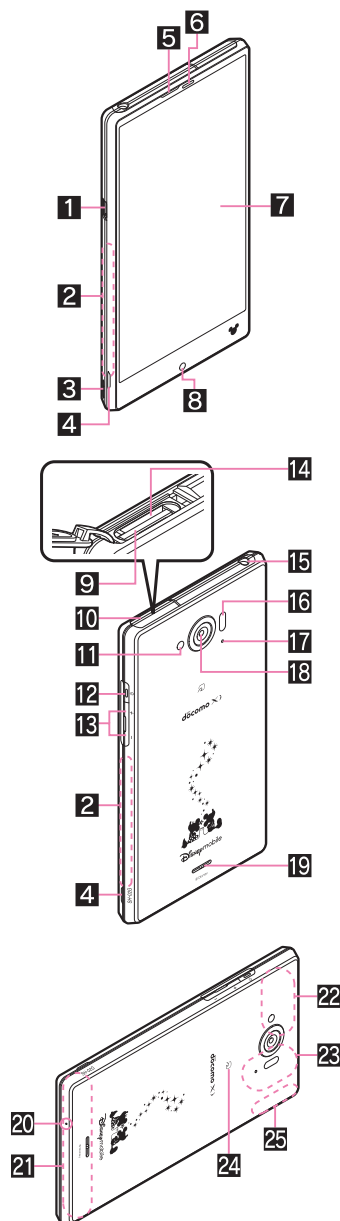
Warning

Never try to connect the microUSB plug when the handset is wet.

- Inserting the microUSB plug while the equipment is wet may cause short circuit when you charge the battery and lead to abnormal overheat, malfunction, fires or burns due to water, foreign objects, etc. adhering to the handset or microUSB plug though the handset provides waterproof performance.
- Do not touch an AC adapter (sold separately) with your hands wet. May cause electric shock.
- Do not use the AC adapter in a place subject to water. Do not use it in rooms where water is regularly in use such as bathroom, shower room, kitchen or lavatory. May cause fires or electric shock.

Before Using the Handset

Part names and functions



- 1 External connector terminal**
- 2 Grip sensor**
- 3 Strap hole**
- 4 Incoming/Charging illumination**
- 5 Earpiece**
- 6 Proximity sensor/Brightness sensor*1**
 - The proximity sensor detects the distance to the face and prevents inadvertent operation of touch panel during a call.
 - The brightness sensor detects the brightness of the surrounding area and adjusts the brightness of the backlight.
- 7 Display/Touch panel**
- 8 Front camera**
- 9 docomo nano UIM card slot**
 - The tray for inserting the docomo nano UIM card is stowed.
- 10 docomo nano UIM card/microSD Card slot cover**
- 11 Mobile light**
- 12 (P): Power key**
 - Use to turn the power on/off, etc.
 - Use to turn the display on/off.
- 13 (+)/ (-): Volume UP/DOWN key**
 - Adjusts the volume in each function.

- 14 microSD Card slot**
- 15 Earphone/Microphone terminal**
- 16 Infrared port**
- 17 Out-microphone**
 - Use as a sub microphone when recording videos.
 - Use to measure ambient noises for communicating by making your voices sound clear when using Noise suppression.
- 18 Back camera**
- 19 Speaker**
 - Ringtone, music, etc. can be heard from here.
 - The other party's voice can be heard from here during a hands-free call.
- 20 Mouthpiece/Microphone**
- 21 FOMA/Xi antenna*2**
- 22 GPS antenna*2, FOMA/Xi sub antenna*2**
- 23 TV antenna*2**
- 24 mark**
 - IC card is contained (It cannot be removed).
- 25 Wi-Fi/Bluetooth antenna*2**

- *1 Do not cover the sensor area with your hand or paste a sticker etc. on the sensor area. The sensor may not work properly.
- *2 The antenna is built into the main body. Covering the antenna area with your hand may influence the quality.

Earphone/Microphone terminal

- For details on the corresponding earphone/microphone, refer to the following website.
http://k-tai.sharp.co.jp/support/d/sh02g/peripherals.html#!/earphone_support (in Japanese only)

Out-microphone

- When using functions which support the out-microphone, do not cover the hole of the out-microphone.

docomo nano UIM card

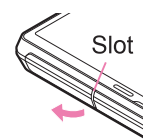
A docomo nano UIM card is an IC card that records personal information, such as your phone number.

- You cannot use functions such as the phone or packet communication without inserting a docomo nano UIM card.
- In Japan, you cannot call to the emergency number (110, 119 or 118) without inserting a docomo nano UIM card.
- A docomo nano UIM card has a security code called PIN code (P. 75 "PIN code").
- The handset supports only docomo nano UIM card. If you have a docomo mini UIM card, UIM or FOMA card, bring it to a docomo Shop to replace.
- Before inserting or removing the docomo nano UIM card, turn off the power. Hold the handset securely with your hand.

Inserting docomo nano UIM card

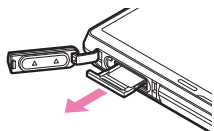
1 Open the docomo nano UIM card/microSD Card slot cover

- Hook the tip of a finger into the slot to open.



2 Remove the tray from the docomo nano UIM card slot

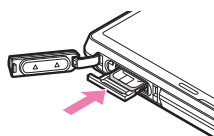
- Hook the tip of a finger into the tray to remove it by slowly pulling it straight out.



3 Hold the docomo nano UIM card with the IC (gold) side turned up and set it on the tray



4 Insert the tray slowly into the docomo nano UIM card slot

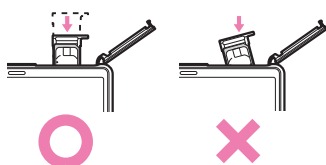


- The docomo nano UIM card slot is below the microSD Card slot. When you insert the tray, be careful not to insert it to the microSD Card slot.



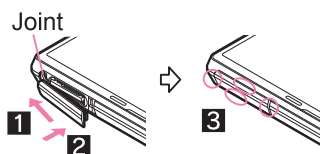
docomo nano UIM card slot (back side)

- Do not forcibly insert the tray at an angle or with the wrong side up. The docomo nano UIM card slot or tray may be damaged.



5 Close the docomo nano UIM card/microSD Card slot cover

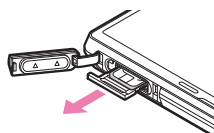
- Stow the joint of the docomo nano UIM card/microSD Card slot cover (1) and push the cover in the direction of the arrow to close it so that gaps are not left between the handset and the cover (2). When closing it, push the O areas securely (3).



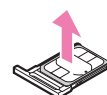
■ Removing docomo nano UIM card

1 Open the docomo nano UIM card/microSD Card slot cover

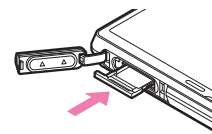
2 Remove the tray from the docomo nano UIM card slot



3 Remove the docomo nano UIM card from the tray



4 Insert the tray slowly into the docomo nano UIM card slot



5 Close the docomo nano UIM card/microSD Card slot cover

- Do not allow the docomo nano UIM card or tray to fall when removing them.
- Make sure not to touch or damage the IC (gold) of the docomo nano UIM card when handling it. Also, note that inserting or removing the docomo nano UIM card forcibly may damage it or deform the tray.
- Refer to the docomo nano UIM card user's guide for more information on the docomo nano UIM card.
- Do not misplace the docomo nano UIM card once it is removed.

IMEI plate

- A plate on which the IMEI number (International Mobile Equipment Identifier) etc. is printed is stowed near the docomo nano UIM card slot. The IMEI number is required when you contact a repair counter that DOCOMO specifies, so do not pull it out unless you need to check the number.
- Note that pulling out the IMEI plate forcibly or adding forces on it may damage the plate.
- If you pull out the IMEI plate, push it back slowly towards inside.

Charging

The internal battery is not fully charged at the time of purchase. Be sure to charge the battery before use.

■ Cautions while charging

- For details on the estimated charge time see P. 96 "Main specifications"
- The battery can also be charged with the handset turned on (While charging, the battery icon appears with [⚡] superimposed).
- Do not charge for a long time with the power left turned on. If the handset is left turned on after charging is complete, the internal battery charge level decreases. In this case, an AC or DC adapter (sold separately) charges the battery again. However, depending on the time when the handset is disconnected from the AC or DC adapter, the battery charge level may be low or the battery may only be usable for a short time.
- If the handset is left for a long time even after the charging is completed, the battery level may decrease.
- When the battery is empty and the handset is being charged, the charging illumination may not illuminate immediately. However, charging is in progress.
- If the battery empty alert is displayed and the power cannot be turned on, charge the battery for a while.
- While charging, the handset may not be turned on even when the charging illumination is illuminated in red. Charge longer and try turning the power on again.

- Frequently recharging the battery when its power is still remaining enough may shorten the usable life of the internal battery. It is recommended to use the battery to a certain level (e.g. after the battery level decreases) before recharging.
- When the battery becomes warm, charging may automatically stop even if the battery has not been fully charged. Charging automatically resumes after the temperature lowers to an appropriate temperature.
- If you watch Mobacas, receive content, etc. while charging, move the handset as far away as possible from the power plug section of the AC adapter.

■ **Estimated battery life when fully charged**

Continuous talk time	FOMA/3G Approx. 1,370 min GSM Approx. 1,080 min VoLTE (Voice call) Approx. 1,350 min
Continuous stand-by time	FOMA/3G At rest: Approx. 900 hr (Preferred network type: LTE/3G/GSM(Auto)) GSM At rest: Approx. 720 hr (Preferred network type: LTE/3G/GSM(Auto)) LTE At rest: Approx. 730 hr (Preferred network type: LTE/3G/GSM(Auto))
Mobacas watching time	Approx. 600 min
TV watching time	Full-Seg: Approx. 460 min 1Seg: Approx. 670 min

- For details on the battery life  P. 96 “Main specifications”

■ **Internal battery usable life**

- Internal battery is a consumable product. Battery life per charge is gradually reduced every time the battery is charged.
- When battery life per charge is reduced to approximately half of the default time, this means that the internal battery is approaching the end of its usable life. In this case, it is recommended to replace the battery as soon as possible. For details on replacing the internal battery, contact the number listed in “Repairs” (in Japanese only) on the last page or a repair counter that DOCOMO specifies.
- If you watch TV etc. while charging for a long time, the usable life of the internal battery may become shorter than estimated.



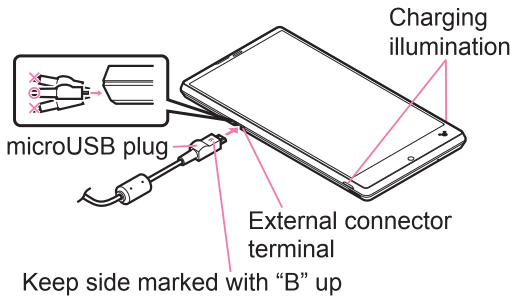
■ **AC adapter and DC adapter**

- Refer to user's guide of AC Adapter 03/04/05 (sold separately) or DC Adapter 03/04 (sold separately).
- AC Adapter 03/04/05 covers from 100 to 240V AC.
- The shape of the plug for the AC adapter is for 100V AC (for domestic use). To use the AC adapter of 100 to 240V AC overseas, a conversion plug adapter applicable to your country of stay is required. Do not use a voltage converter for overseas travel to charge the battery.

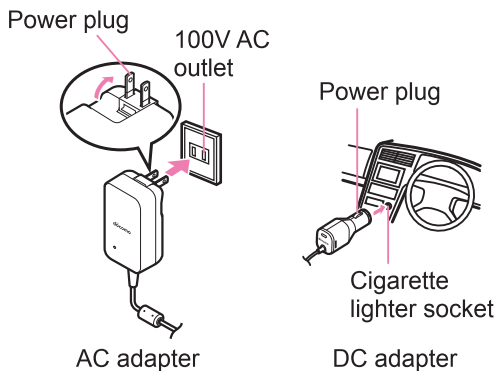
Charging with AC adapter/DC adapter

- [Read the user's guides of AC Adapter 03/04/05 (sold separately) and DC Adapter 03/04 (sold separately)]
- Following operations describe how to charge with AC Adapter 05 or DC Adapter 04.

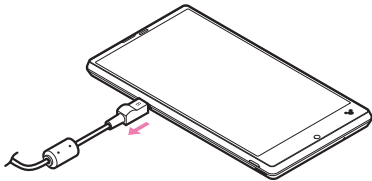
- 1 Insert the microUSB plug of the AC adapter/DC adapter horizontally into the external connector terminal on the handset with the side marked with “B” turned up**
 - Check the direction (front or rear) of the microUSB plug and insert it horizontally.



- 2 When you erect the AC adapter power plug and insert it into an outlet or insert the DC adapter power plug into a car cigarette lighter socket, the charging illumination illuminates and charging starts**



- 3 When charging is complete, the charging illumination turns off**
- 4 Remove the AC adapter power plug from the outlet, or remove the DC adapter power plug from the car cigarette lighter socket**
- 5 Remove the microUSB plug of the AC adapter/DC adapter horizontally from the external connector terminal**



- Note that inserting or removing the equipment forcibly may cause damage to the external connector terminal and the microUSB plug or result in a malfunction.
- When using a DC adapter**
- The DC adapter should only be used in negative grounded vehicles (12 and 24V DC).

- Do not use with the car engine shut off. May drain the car battery.
- The DC adapter fuse is a consumable product. For replacement, purchase a new fuse at a nearest auto parts retailer etc.
- Refer to the user's guide of DC Adapter 03/04 for details.

Charging with Micro USB Cable 01

You can charge the handset by connecting the handset to a PC with Micro USB Cable 01 (sold separately).

- For details on connecting to a PC P. 84 "Connecting the handset and PC"

Turning power on/off

Turning power on

1 (for at least 2 seconds)

- When you turn the power on for the first time, make the initial settings (P. 22 "Initial settings").

- Precautions about inserting and removing a microSD Card are displayed every time the handset power is turned on.

Turning power off

1 (for at least 1 second) ▶ [Power off] ▶ [OK]

Turning power off forcibly

You can forcibly turn the power off if the screen does not respond or the power cannot be turned off.

1 (for at least 8 seconds)

- Release your finger after the vibrator is activated to turn the power off.

Turning display on/off

The display is turned off when is pressed or the handset is not in use for a set length of time.

Press while the display is turned off to turn it on.

- If [When display turns on] of EDGESt Effect is enabled and the display is turned on, EDGESt Effect is activated and a silhouette of a Disney mascot may appear. Touch it to play a special animation.
 - To stop the animation: Touch the screen ▶

Operations on Welcome Sheet (Lock Screen)

When the power or the display is turned on, the Welcome Sheet (Lock Screen) is displayed and the touch panel is locked.



1 Wallpaper

- If [Welcome Sheet wallpaper] is set to [Image] and you have registered multiple still pictures, you can switch wallpapers by flicking them to the left/right.
 - You can register up to five still pictures in [Welcome Sheet wallpaper].

2 Unlock/Display shortcuts

- Slide down to unlock. Also, you can display shortcuts etc. by touching .

3 Owner's information

- Touch after making settings for [Owner info] of Lock & Security to display the owner's information.

4 Info Area

- Flick to the left/right to switch among widget, date and time, etc. Also, you can add a widget to display by touching [+] while [Add Widget] is displayed. Touch and hold a widget to move or delete it.
- If you set エモパ (Japanese only) (emopa (Japanese only)) to [ON], various information delivered by emopa is displayed. You can display related websites by sliding a piece of information up while you can make settings for emopa by sliding one down (P. 71 "emopa").

Welcome Sheet settings

You can set wallpapers, shortcuts, Info Area, etc. to display in the Welcome Sheet (Lock Screen).

1 In the Welcome Sheet (Lock Screen),

2 [Welcome sheet setting]

- Welcome Sheet wallpaper:** Set images to use in the Welcome Sheet (Lock Screen).
- Shortcut:** Set shortcuts to activate in the Welcome Sheet (Lock Screen).
- Info area:** Display weather information in the Info Area.
- Clock display(When エモパ is enabled):** Set the position of the clock displayed when エモパ (Japanese only) (emopa (Japanese only)) is set to [ON].
- Welcome lighting time:** Set the light duration of the Welcome Sheet (Lock Screen).
- Display names of new notifications:** Set whether to display the other party's name when a notification on a missed call etc. arrives.

Operations on Welcome Sheet (Lock Screen)

- To set/disable the manner mode: (←) (for at least 2 seconds)
- To turn on/off the mobile light: (→) (for at least 2 seconds)

- The status panel can be displayed without disabling the lock when Screen lock is set to [Slide or Touch].

Mobile light

- The mobile light may be automatically turned off if you use the handset for a long time or the handset becomes warm after the mobile light is turned on. Also, you may not be able to use the mobile light if the handset is warm.

Adding widgets

- Enable [Enable widgets] in advance (P. 73 "Lock & security").
- Unlock the touch panel after you touch [+] when Screen lock is set to an item other than [Slide or Touch].

Basic operation

The followings describe basic operations of the handset such as operations of the touch panel and navigation keys, and operations for shooting screenshot.

Operation of touch panel

The followings describe the operations to use the display (touch panel).

- Operations may differ depending on the function and screen in use.

Cautions when using the touch panel

- The touch panel is designed to be lightly touched with your finger. Do not forcefully press with your finger or a pointed object (fingernail, ballpoint pen, pin, etc.).
- In the following cases, the touch panel may not work even if you touch it. May cause a malfunction.
 - Operation with a gloved finger
 - Operation with the tip of a fingernail
 - Operation with foreign objects placed on the operation pad
 - Operation on the touch panel on which a protective sheet, sticker, etc. is put
 - Operation while the touch panel is wet
 - Operation with fingers wet with sweat, water, etc.

- Operations may be interrupted if you touch an area other than a confirmation screen or the status bar while the confirmation screen etc. is displayed.

Touch

Touch a key or an item displayed on the screen and then release your finger from it to select or set it.



Touch and hold

When you keep your finger on the touch panel, a menu may appear depending on the function and screen in use.

Slide/Drag

Move your finger while keeping it on the touch panel to scroll the screen or move an icon, a widget, etc. to the desired position. In addition, when you touch a menu or an item by mistake, move your finger away from it to cancel the selection.



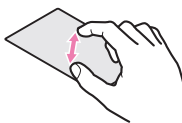
Flick

Move your finger like sweeping the touch panel in the home screen etc. to switch pages.



Pinch out/Pinch in

You may be able to zoom the screen in/out etc. by putting two fingers on the touch panel and moving them with putting a distance between two fingers apart (pinch out)/closer (pinch in) depending on the function and screen in use.

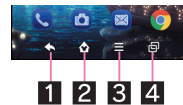


Operation while using function

Navigation keys

Use the navigation keys displayed at the bottom of the screen to perform the basic operations.

- You can adjust intervals among the navigation keys (☞ P. 71 "Useful").



1 [Back key/Close key]

- Return to the previous screen.
- Close the keyboard.

2 [Home key]

- Display the home screen.

3 [Menu key]

- Display available functions (menus).

4 [Recent Apps key]

- Display Quick Launcher or Recent Apps (☞ P. 31 "Quick Launcher", P. 32 "Recent Apps").

Using user-aid function

You can quickly activate apps supporting the user-aid function.

1 Slide any of the navigation keys up ► slide it to [Google]

- If you install an app supporting the user-aid function, you can switch apps to activate.

Full-screen shrink mode

You can reduce the screen to operate the handset with one hand.

1 Slide any of the navigation keys up ► slide it to [Full-screen shrink mode]

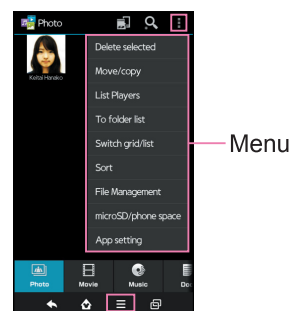
- Repeat the same operation as that done when reducing the screen to return it to the original size.
- Touch [Full-screen shrink mode] to move the reduced screen or change the size.

- You may not be able to reduce the screen depending on the screen being displayed.
- The Full-screen shrink mode is disabled if you switch to horizontal display or the display is turned off while the Full-screen shrink mode is set.

Retrieving menu

When you touch [Menu key] or touch and hold the screen, functions (menus) available in that screen appear.

Example: Contents Manager screen

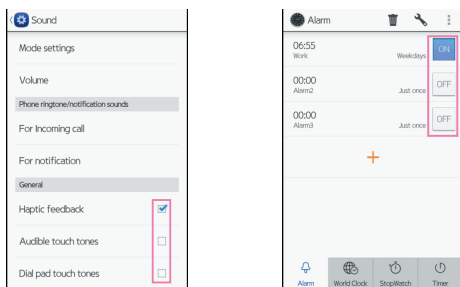


Switching the settings

When a check box is displayed beside the setting item, you can set it enabled/disabled or [ON]/[OFF] by touching it.

Example: Sound screen, Alarm screen

- ☒: Enabled, ☐: Disabled



Vertical/Horizontal display

The screen display is switched when you tilt the handset.

- Vertical/Horizontal display may not be switched even if the handset is turned depending on the screen being displayed.
- Vertical/Horizontal display is not switched if the handset is turned while it is positioned parallel to the ground.
- The screen display may not be switched properly when a sound or a vibration is being activated.
- Vertical/Horizontal display may not be switched properly right after the display or power is turned on.
- You can set the display not to automatically switch (P. 18 “Grip sensor”, P. 69 “Display”).
- Screens may be displayed in the full screen depending on the app when switching vertical display to horizontal display.

Shooting screenshot

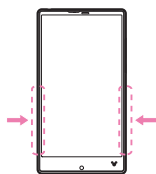
Hold **[Volume Up] + [Volume Down]** down for at least 1 second to shoot the screen being displayed as an image.

- Shot images are saved on the handset memory and you can check them by using Album etc.

- Data cannot be saved while displaying Mobacas, TV, home network, e-books, etc.
- Data may not be saved completely or partially depending on the app.

Grip sensor

You can display the clock, minimize the ringtone/alarm volume and activate the vibrator, etc. by holding the handset.



1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Useful] ▶ [Grip sensor]

- The notification icon for Grip sensor appears on the status bar by default. You can make settings for Grip sensor by opening the status panel and touching the notification.

2 Slide [OFF] to the right

3 Select an item

- **Operation when you hold the phone:** Set the screen displayed when you hold the handset while the display is turned off.

- **Volume down for incoming calls:** Set whether to minimize the ringtone/alarm volume and activate the vibrator by holding the handset during an incoming call or while the alarm of the “Clock” app is ringing.
- **Deterrence rotate screen:** Set whether to keep the screen displayed vertically while holding the handset.
- **Notify by vibrating:** Set whether to notify you with vibration if you hold the handset while it has a notification icon and the display is turned off. Also, you can set how often you are notified or of which app you are notified.
- **Volume up for watching media:** Make settings for changes in the media playback sound volume for when the handset is put down on a desk etc. and kept stationary.
- **Putting cover setting:** Specify whether the handset is equipped with a case/cover or not.
- **Video tutorial:** Connect to the SHARP website and check how to use with a video tutorial.

- Grip sensor (P. 13 “Part names and functions”) responds when you touch both the right and left sides. Hold the handset with the both sides touched to use Grip sensor since Grip sensor does not respond when you touch only one side. Also, when you release your fingers, keep your fingers away from both sides of the sensor. Letting your fingers remain touching only one side keeps the sensor responding.
- You can also use [Simple secrecy for incoming calls] which enables you to hide the other party’s name and image until holding the handset when receiving a call or [Operation when putting down] which enables you to have a current call automatically put on hold, muted or converted to hands-free talking by putting the handset down (P. 40 “Call settings/ Other”).

[Deterrence rotate screen]

- This function may not follow the setting depending on the app in use.

[Notify by vibrating]

- When you delete notification icons or open the status panel, the vibrator is not activated.

[Volume up for watching media]

- In the following cases, the volume is not changed.
 - When the media playback sound volume is set to “0”
 - While TV channels are being searched, or data is being read or pausing
 - While data is being played with an earphone/microphone or a Bluetooth device connected

[Putting cover setting]

- When you set Putting cover setting to [Covered], equip the handset with a case or cover in advance.

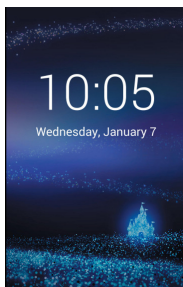
Cautions when using Grip sensor

- In the following cases, Grip sensor may not work properly. May cause a malfunction.
 - Operation with a gloved finger
 - Operation while the handset is equipped with a case, cover, etc.*
 - Operation while the handset is wet
 - Operation while a metallic object touches the sensor
- * Depending on the case or cover, you may be able to use Grip sensor with the handset equipped with it. Set Putting cover setting of Grip sensor to [Covered] after equipping the handset with the case or cover.

■ Operation when you hold the phone

Showing clock

You can display the clock by holding the handset while the display is turned off.



- Press **[P]** while the clock is displayed to turn the display on.
 - Alternatively, slide your finger on the touch panel to turn the display on when Sweep ON is set to [ON]/[Enable while holding(When grip sensor is enabled)] (P. 69 “Screen on/off with motion”).

- If the proximity sensor is covered with a hand, an object, etc., the clock is not displayed to prevent inadvertent operations.
- The display may not be turned on even when you hold the handset immediately after the display is turned off by pressing **[P]**.

Showing lock screen

You can turn the display on by holding the handset while the display is turned off.

- Set Screen lock to an item other than [None] in advance (P. 73 “Lock & security”).
- If the proximity sensor is covered with a hand, an object, etc., the display cannot be operated by touching to prevent inadvertent operations although the display is turned on. Also, the display may be turned off regardless of the setting of the handset.
- If Screen lock is set to [None], the lock screen is not displayed although the display is turned on.
- The display may not be turned on even when you hold the handset immediately after the display is turned off by pressing **[P]**.

Emergency mode

You can save the internal battery by restricting settings and functions on the handset.

1 **[P]** (for at least 1 second) ▶ [Emergency mode] ▶ [OK]

- The handset restarts and it switches to Emergency mode.

■ Disabling Emergency mode

1 **[P]** (for at least 1 second) ▶ [Emergency mode] ▶ [OK]

- Alternatively, in the Emergency mode screen, [Stop saving] ▶ [OK] to disable Emergency mode.
- The handset restarts and Emergency mode is disabled.

Searching information on the handset and websites

1 In the home screen, display the Apps Sheet ▶ [Google]

- If the confirmation screen for Google Now™ is displayed, check the content, follow the instructions on the screen and operate.
- Quick search box appears.

2 Enter the keyword



1 Search box

- Enter the keyword to search with.
- When the keyword is entered, apps, data, etc. whose names start with the entered characters are searched and displayed as a list.

2 Switch to Voice Search

- Alternatively, say “Ok Google” at the microphone to switch to Voice Search.

3 Select the search result

- When a search result is an app, the corresponding app is activated.
- If [Images] etc. is displayed, you can search by selecting a genre.
- When you cannot see search results hidden behind the keyboard, touch **[X]** to close the keyboard.

■ Search settings

1 In the quick search box, **[≡]** ▶ [Settings]

2 Select an item

- **Google Now**: Set whether to use Google Now.
- **Phone search**: Set the range for subjects to search.
- **Voice**: Make settings for the voice input.
- **Accounts & privacy**: Make settings for the accounts and privacy such as history and location information.

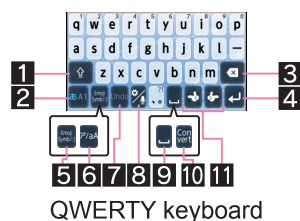
Character entry

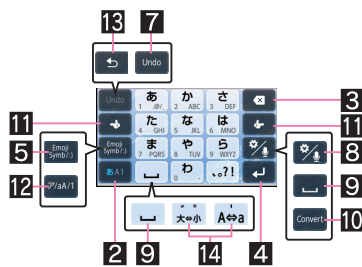
You can enter characters using the QWERTY keyboard, 12 keyboard, voices and kuten codes.

Keyboard layouts

- You can use the following two types of the keyboards.

QWERTY keyboard	You can enter a displayed character by touching the character entry key. Use romaji for entry.
12 keyboard	Several characters are assigned to one character entry key. Characters are switched every time the key is touched. ● You can enter characters by flicking a character entry key up/down or to the left/right.





12 keyboard

※ Each key may change depending on the settings and the condition.

1 Shift key

- Touch to switch between upper/lower case characters etc.
 - When [Shift] is displayed, upper case characters are entered.
 - Symbols that can be entered using the keyboard change when you switch the upper/lower case characters.

2 Input mode switching key

- Switch input modes.
 - Touch to switch input modes in the order of Half Numeric → Hiragana/Kanji → Half Alphabet. Slide to the right to switch input modes in the order of Hiragana/Kanji → Half Numeric → Half Alphabet.
 - Slide up to select an input mode other than Hiragana/Kanji, Half Alphabet and Half Numeric as well.
 - The keyboard set in each input mode is displayed.

3 Delete key

- Delete characters displayed in a direction set in Delete key behavior.

4 Enter key

- Insert a line feed.
- Determine the entered characters.
- Execute operations entered in an entry field such as the search box.
- Move to the next entry field.
- Touch and hold to close the keyboard.

5 Symbol key

- Display the pictogram/Deco-mail pictogram/symbol/emoticon list.
 - You cannot enter these symbols in some apps.
- Slide to the right to display Quote apps list.

6 Katakana and alphabet key

- Display katakana of the entered characters or conversion candidates (katakana and alphabet conversion candidates) of alphabets or symbols assigned to a touched key.
- Slide to the right to display Quote apps list.

7 Undo key

- Undo the previous operation.

8 Setting key

- Display setting menu.

9 Space key

- Enter a space.

10 Conversion key

- Convert the input characters.

11 Cursor key

- Move the cursor or change the range of characters to be converted.

12 Katakana and alphanumeric key

- Display katakana of the entered characters or conversion candidates (katakana and alphanumeric conversion candidates) of alphanumerics or symbols assigned to a touched key.
- Slide to the right to display Quote apps list.

13 Reverse toggle key

- Display characters assigned to the same key in the inverse order.

14 Character switching key

- Touch to switch the upper/lower case characters.
- Touch to add dakuten/handakuten.

Switching keyboards

Example: In Hiragana/Kanji input mode on vertical display

- 1 In the character entry screen, [Input UI] ▶ [Input UI] ▶ [QWERTY keyboard] [あ漢[Hiragana/Kanji]] [Portrait]/[12 keyboard] [あ漢[Hiragana/Kanji]] [Portrait]

- Alternatively, slide [Input UI] up to switch keyboards.

Setting character entry

Display/Layout

- 1 In the character entry screen, [Input UI] ▶ [Display / Layout]

2 Select an item

- **Keyboard layout:** Make settings for the keyboard size, the number of lines of the conversion candidates field, alignment and the key top guides.
 - If you set Align, touch [Left/Right] when using the 12 keyboard to move the keyboard, conversion candidates field, etc. to the left/right.
- **Emoji/Symbol list rows:** Set the number of columns of pictograms list/symbols list.
- **Key input guide:** Set whether to zoom in the selected key and to display the guide of flick input.
- **Software keyboard display setting:** Set whether to display the character entry screen when you connect a commercially available keyboard using the Bluetooth function etc. and enter characters.

Input assistance

- 1 In the character entry screen, [Input UI] ▶ [Input assistance]

2 Select an item

- **Flick sensitivity:** Set the sensitivity of the keyboard for when selecting characters with flick input.
- **Guide display speed:** Set how fast the guide is displayed while entering characters with flick input.
- **Toggle input:** Set whether to use the toggle input while flick input is enabled.
- **Sound on key press:** Set whether or not to enable operation sounds of entering characters.
- **Vibrate on key press:** Set whether to activate the vibrator when entering characters.
- **Vibration time on key press:** Set how long Vibrate on key press keeps the vibrator activated.
- **Voice input provider:** Set where to connect when using the voice input.
- **Delete key behavior:** Set the operations of the delete key.
- **Romaji input assistance:** Set to prevent unnecessary keys from being touched when entering Japanese with romaji.
- **Auto cursor move:** Set the speed for the cursor to automatically move to the right side after entering characters.
- **Emoji/Symb./:) continuous input:** Set whether to keep the pictogram/symbol/emoticon list displayed after selecting a candidate from it.

[Delete key behavior]

- When the cursor is on a character, delete the character. When [Left-delete (Backspace)] is set and the cursor is at the beginning of a text, you can delete characters on the right side of the cursor. When [Right-delete (Clear)] is set and the cursor is at the end of a text, you can delete characters on the left side of the cursor.

■ Conversion

1 In the character entry screen, [⌘] ▶ [Other settings] ▶ [Conversion]

2 Select an item

- **Word prediction**: Set whether to use the predictive conversion.
- **Next word guess**: Display relational predictive candidates immediately after an entry is determined.
- **Wildcard prediction**: Set whether to use the wildcard prediction.
- **Typing error correction**: Set Typing error correction.
- **Beginning prediction for mail**: Display text candidates to use at the beginning of a message when entering the message for a mail.
- **Extra conversion engine**: Display conversion candidates by using an external conversion engine.
- **Auto capitalization**: In half-width alphabet entry, enter an initial character at the head of a text with upper case one.
- **Auto space input**: In half-width alphabet entry, automatically insert a half-width space after selecting an English word.

[Auto capitalization]

- This function may not follow the setting depending on the app in use.

■ Dictionary

1 In the character entry screen, [⌘] ▶ [Other settings] ▶ [Dictionary]

2 Select an item

- **User dictionary**: Edit words in the user dictionary.
- **Download dictionary**: Register/Cancel/Delete downloaded dictionaries.
- **Area dictionary**: Set whether to use accurate names of areas which you select etc. as conversion candidates.
- **Update conversion dictionary**: Update or download conversion dictionaries.
- **Contacts name collaboration**: Add name data of the phonebook to the dictionary or reset the name data in the dictionary.

■ Slide operation

1 In the character entry screen, [⌘] ▶ [Other settings] ▶ [Slide operation]

2 Select an item

- **Upward slide**: Set the operations available when you slide the keyboard from its bottom to top.
- **Downward slide**: Set the operations available when you slide the keyboard from its top to bottom.
- **Rightward slide**: Set the operations available when you slide the keyboard from its left edge to right edge.
- **Leftward slide**: Set the operations available when you slide the keyboard from its right edge to left edge.

■ Reset

1 In the character entry screen, [⌘] ▶ [Other settings] ▶ [Reset]

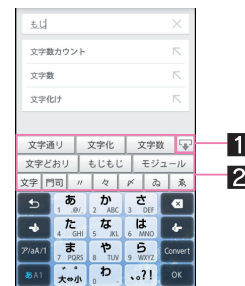
2 Select an item

- **Set the default settings**: Reset the settings of iWnn IME - SH edition.
- **Clear learning dictionary**: Reset the learning dictionary.
- **Reset facemark list**: Reset the contents of the emoticon list.

Entering characters

Example: When entering “文字”

1 In the character entry screen, enter “もじ”



1 Enlarge/Reduce

- Enlarge/Reduce the conversion candidates field.

2 Conversion candidates field

- Displayed when [Word prediction] is enabled.
- Touch one of conversion candidates to enter.
- If you set an external conversion engine, [Extra conv] is displayed. Touch it to display conversion candidates searched by the external conversion engine.

2 [Convert]

3 In the conversion candidates field, select “文字”



1 Range reduction/Range enlargement

- Reduce/Enlarge the range of characters to convert.
- Displayed only when available.

2 Close

- Close the conversion candidates field.

3 Conversion candidates field

- Touch one of conversion candidates to enter.
- If you set an external conversion engine, [Extra conv] is displayed. Touch it to display conversion candidates searched by the external conversion engine.

4 Determine

- Determine the conversion.

5 Predictive candidates

- Predictive candidates are displayed.

6 Conversion candidates

- Conversion candidates are displayed.

7 Katakana and alphanumeric

- Katakana and alphanumeric conversion candidates are displayed.

■ Wildcard prediction

Conversion candidates are predicted according to the number of the entered characters and appear.

- Enable [Wildcard prediction] in advance (P. 21 “Conversion”).
- This function is available in the Hiragana/Kanji input mode and the Half Alphabet input mode.

Example: When entering “アナウンス”

1 In the character entry screen, enter “あな”

2 [👉]▶[👉]▶[👉]

- Each time you touch [👉], [*] is entered and the predictive candidates appear according to the number of characters.

3 In the conversion candidates field, select “アナウンス”

Inputting with kuten codes

You can use four-digit kuten codes assigned to each character for entering kanji, hiragana, katakana, symbol, alphanumeric characters, etc.

1 In the character entry screen, slide the input mode switching key up▶[Character Code]

2 Input a kuten code

- After the fourth digit is entered, the corresponding character appears.
- After the fourth digit is entered, the input mode is switched to the previous one.

Inputting with voices

You can enter characters with voices.

1 In the character entry screen, [%]▶[Input UI]▶[Voice Input]

- Alternatively, slide [%] to the right while the QWERTY keyboard is used or slide [%] down while the 12 keyboard is used to switch to the voice input.

2 Speak at the microphone

- In the following cases, the voice input may not work properly.
 - When the voice is too loud
 - When the surrounding noise is big
 - When the phonation is not clear
 - When the phonation is not natural
 - When the pronunciation is too fast
 - When any key is pressed or the microphone is touched

Editing characters

You can perform operations such as cutting, copying or pasting by selecting the entered characters.

1 Touch and hold the entered characters

2 Edit the characters

- To specify the selection range: Drag [↶]/[↷]
- To display the history of cut and copied characters: [%]▶[Quote apps]▶[Copy History SH]



1 Select all

- Select all the entered characters.

2 Cut

- Cut the selected characters.

3 Copy

- Copy the selected characters.

4 Paste

- Paste the cut or copied characters.

- Alternatively, touch and hold the character entry field▶[PASTE] to paste them.
- Touch and hold the character entry field▶[CLIPBOARD]▶select characters to enter to paste them from the history.

- Up to 10 history items of cut and copied characters can be saved.
- If the number of history items of cut and copied characters exceeds the maximum number to be saved, they are deleted from the oldest one.

Changing screen display to English

1 In the home screen, display the Apps Sheet▶[設定] (Settings)▶[言語と文字入力] (Language & input)▶[言語(Language)を選択] (Select language)▶[English]

Initial settings

When you turn the power on for the first time, the initial settings screen is displayed. Follow the instructions on the screen and operate.

- The following items can be set. However, items to be displayed may differ depending on the Google account settings.
 - Language setting
 - Wi-Fi settings (P. 23 “Wi-Fi settings”)
 - Google account settings (P. 24 “Setting up Google account etc.”)
 - Google & location
 - Owner’s information of the handset
 - Google services
 - Set up payment info
- The confirmation screens for log acquisition of the handset and for software update are also displayed.
- When a notification for “Disney Welcome” is displayed, follow the instructions on the screen and operate.

Initial settings for docomo service

1 When the initial settings screen for docomo service is displayed, [Agree to all]▶[Start settings]

2 Make the initial settings

- The following items can be set.
 - docomo ID
 - docomo cloud
 - docomo apps password
 - docomo location information
 - Remote Initialization Service*
 - Install all apps
- * This is not displayed when you have not set a docomo apps password.

3 [Start using]

Setting an access point

An access point (sp-mode) for Internet connection is registered by default. You can add other access points and change them if necessary.

If you want to use mopera U or Business mopera Internet, add an access point of either provider manually.

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

■ Checking an access point in use

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Mobile networks] ▶ [Access Point Names]

■ Setting additional access points

- Never set the MCC to a figure other than 440 or the MNC to a figure other than 10. Otherwise the added access point disappears from the screen.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Mobile networks] ▶ [Access Point Names] ▶ [⊕]
- 2 [Name] ▶ enter the name of the network profile to create ▶ [OK]
- 3 [APN] ▶ enter the access point name ▶ [OK]
- 4 Enter other items required by network operators ▶ [⊞] ▶ [Save]

- If the settings of MCC and MNC are changed and the added access point disappears from the screen, reset the settings or set the access point manually.

Resetting an access point

Reset an access point to default setting.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Mobile networks] ▶ [Access Point Names] ▶ [⊞] ▶ [Reset to default]

- When sp-mode is not subscribed or if you fail to make automatic setting of an access point due to signal status such as outside the service area, you are required to set the access point again manually.

sp-mode

sp-mode is an ISP owned by NTT DOCOMO for smartphones. In addition to the Internet connection, mail service with the same address you use on i-mode (@docomo.ne.jp) or other services are available. sp-mode is a paid service that requires subscription. For details on sp-mode, refer to the DOCOMO website.

Wi-Fi settings

If you use Wi-Fi function of the handset, you can use mail or Internet by connecting to access points of your home, corporate network or public wireless LAN service.

Radio interference with Bluetooth devices

- Wireless LANs (IEEE 802.11b/g/n) use the same frequency band (2.4 GHz) as Bluetooth devices. Therefore, using the wireless LAN device near a Bluetooth device may cause radio interference, lowering of communication speed, noise or connection failure. In this case, turn off the Bluetooth device or keep the handset and the wireless LAN device at least approximately 10 m away from the Bluetooth device.

- Packet communication is also available while Wi-Fi is set to [ON]. Wi-Fi connection is prioritized while Wi-Fi connection is set, but the connection is automatically switched to that of LTE/3G/GPRS network once Wi-Fi connection is terminated. Note that packet communication charges may be incurred in this case.
- Refer to the manual of your wireless LAN base unit when using the access point at home etc.
- Operate access point registration near the access point.
- If you use the docomo service by using Wi-Fi function, set a docomo ID in advance. In the home screen, display the Apps Sheet ▶ [Settings] ▶ [docomo service/cloud] ▶ [docomo ID設定] (Set docomo ID) to set it.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Wi-Fi]

- 2 Slide [OFF] to the right

- 3 Select an access point

- If you select an access point protected by security, enter the password (security key) and select [Connect].
- To register access points manually: [ADD NETWORK] ▶ enter the network SSID ▶ set security ▶ [Save]
- WPS compatible access points can be easily registered. In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Wi-Fi] ▶ [EASY SETTINGS] ▶ [WPS Push Button]/[WPS Pin Entry] to register an access point.
- Alternatively, in the home screen, display the Apps Sheet ▶ [Settings] ▶ [Wi-Fi] ▶ [EASY SETTINGS] ▶ [AOSS] to connect to an access point. Follow the instructions on the screen and operate after this step.

- When you select an access point and connect to it with a wrong password (security key), [Avoided poor Internet connection], [Authentication problem] or [Connected (Limited)] is displayed. Confirm the password (security key). When [Avoided poor Internet connection] or [Connected (Limited)] is displayed after entering the correct password (security key), you may not have acquired the correct IP address. Connect to the access point again after confirming signal status.
- The registration process using WPS takes a few minutes. After completion of the registration of the access point, check that the proper connection to the access point is acquired.
- As for the manual registration of an access point, this function supports WEP, WPA/WPA2 PSK and 802.1xEAP as the security setting.

■ Detailed settings

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Wi-Fi] ▶ [⊞] ▶ [Advanced]

- 2 Select an item

- **Network notification**: Set whether to display a notification icon when an open network is detected.
 - Set it after setting Wi-Fi to [ON].
- **Wi-Fi sleep policy**: Set when to switch the Wi-Fi function to the sleep mode.
- **Scanning always available**: Set whether to scan networks by the location information service and other apps even when Wi-Fi is set to [OFF].
- **Avoid poor connections**: Set whether to use the Wi-Fi function only when stable Internet connections are available.
- **Wi-Fi frequency band**: Set the frequency band to use.
- **Handover**: Set whether to automatically switch access points to use if you use the handset while moving.
- **Mobile/Wi-Fi simultaneous use**: Make settings for simultaneous use of mobile and Wi-Fi networks.
- **Install certificates**: Install certificates.

- **Wi-Fi optimization:** Set whether to save the electricity consumption if Wi-Fi is set to [ON].
- **MAC address:** Confirm the MAC address.
- **IP address:** Confirm the IP address.

[Handover]

- You can set it only when you select [2.4 GHz only] of Wi-Fi frequency band and [Not set] of Simultaneous use mode setting.

[Wi-Fi optimization]

- Proper connection to the other party's device may become unavailable depending on the app.

■ Mobile/Wi-Fi simultaneous use

You can make settings for the function to automatically switch to mobile networks when communications with Wi-Fi access points slow down (Smooth change mode) or the function to download content at high speed using mobile and Wi-Fi networks at the same time (Dual Speed mode).

- Set Wi-Fi to [ON] and connect to an access point in advance.
- Since packet communication is also used when you use mobile and Wi-Fi networks at the same time, packet communication charges may be incurred.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Wi-Fi] ▶ [⋮] ▶ [Advanced] ▶ [Mobile/Wi-Fi simultaneous use]

2 Select an item

- **Simultaneous use mode setting:** Set a mode to use.
- **Advanced settings:** Make settings for applicable access points and apps, and inapplicable servers.
- **Notes:** Check the precautions.
- Touch [?] of an item to display its explanations.

■ Disconnecting

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Wi-Fi]

2 Select the connected access point ▶ [Disconnect]

- Disconnect with the password retained. The access point may be automatically connected again such as when the display is turned on.

Tethering

You can use the tethering function that connects Wi-Fi compatible devices, or PCs etc. connected via Micro USB Cable 01 (sold separately) or Bluetooth communication to the Internet by using the handset as an access point.

- You can connect up to 16 devices in total at the same time: a PC connected via Micro USB Cable 01, 10 Wi-Fi compatible devices and five Bluetooth devices.
- The handset supports dial-up connections via DUN profile.
- Before using Bluetooth tethering, register the other party's Bluetooth device in advance (P. 82 "Using Bluetooth function").

As for the settings on the Bluetooth device, refer to its manual.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Tethering]

2 Select an item

- **USB tethering:** Set whether to use the USB tethering.
 - Check the details of the precautions before use.
- **Wi-Fi tethering:** Set whether to use the Wi-Fi tethering.
 - Check the details of the precautions before use.

- **Set up Wi-Fi hotspot:** Make settings for Wi-Fi tethering such as network SSID and security.
- **Wi-Fi tethering Easy Connection:** Set whether to use the tethering by connecting to WPS compatible access points.
- **Bluetooth tethering:** Set whether to use the Bluetooth tethering.
 - Check the details of the precautions before use.

[USB tethering]

- The tethering function is available on Windows Vista, Windows 7, Windows 8, Windows 8.1 and Linux.
- A microSD Card inserted in the handset cannot be mounted on a PC during USB tethering.
- For details on USB tethering, refer to the following website.
<http://www.android.com/tether#usb>

[Wi-Fi tethering]

- While the handset is functioning as an access point, it cannot access the Internet via Wi-Fi connection.
- Make settings for Wi-Fi access points in [Set up Wi-Fi hotspot].
- For details on Wi-Fi tethering, refer to the following website.
<http://www.android.com/tether#wifi>

[Set up Wi-Fi hotspot]

- At the time of purchase, Network SSID is set to [SH-02G_AP] and Security is set to [WPA2 PSK] while Password is set randomly. Change the settings if necessary.

Setting up mail account

1 In the home screen, display the Apps Sheet ▶ [Email]

- Only when an account is not set up, the account setup screen appears.

2 Enter mail address and password ▶ [Next]

- Provider information is preset for some mail accounts, and a receiving mail server and a sending mail server are automatically set.
- When you use an account whose provider information is not preset, it is necessary to set a receiving mail server and a sending mail server manually. For details on those settings, contact the Internet service provider you use.

3 Set up an account ▶ [Next]

4 Enter an account name and your name ▶ [Next]

Setting up Google account etc.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Add account]

2 Select an account type

3 Set up an account

- In the home screen, display the Apps Sheet ▶ [Settings] to find the added account on the displayed menu.

- When activating the app that requires an account without setting one up, the account setup screen appears.
- Keep a separate memo of the set account and password.

■ Deleting your account

1 In the home screen, display the Apps Sheet ▶ [Settings]

2 Select an account ▶ [⋮] ▶ [Remove account] ▶ [Remove account]

- Operation methods may differ depending on the account.

Retrieving your Google account password

If you forget your Google account password, retrieve it.

- 1 In the home screen, display the Apps Sheet ▶ [Chrome]
- 2 Enter “https://www.google.com/ncr” in the URL entry field ▶ [Go] ▶ [Sign in] ▶ [Need help?] ▶ follow the instructions on the screen and operate

Importing/Exporting phonebook

Importing from docomo nano UIM card

- 1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts]
- 2 [≡] ▶ [Import/Export] ▶ [Import from SIM card]
 - If there are multiple accounts, the screen for selecting to which account to register is displayed.
- 3 Select the contact to import
 - To import all contacts: [≡] ▶ [Import all]

Importing from microSD Card

- 1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts]
- 2 [≡] ▶ [Import/Export] ▶ [Import from SD card]
 - If there are multiple accounts, the screen for selecting to which account to register is displayed.
 - If there is only one phonebook data saved on the microSD Card, the data is automatically imported.
- 3 Select the phonebook data to import ▶ [OK]

Exporting to microSD Card

- 1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts]
- 2 [≡] ▶ [Import/Export] ▶ [Export to SD card]
- 3 Select the contact to export ▶ [OK] ▶ [OK]

Incoming/Charging illumination

The incoming/charging illumination notifies you that there is a missed call, the handset is being charged, etc. by illuminating/flashing.

State of illumination	Color	State of handset
Illuminating	Ruby (Red)	Charging in progress (Battery level is approx. 94% or less)
Illuminating	Emerald (Green)	Charging in progress (Battery level is approx. 95% or more)
Flashing	Ruby (Red)	Charging unavailable
Flashing	Rainbow	During an incoming call
Flashing	Emerald (Green)	Call missed
Flashing	Citrine (Yellow)	New mail received
Flashing	Sapphire (Blue)	New docomo mail received

- When the display is on, the incoming illumination which notifies you of missed calls, new mails and new docomo mails does not flash. Check them with notification icons. When notification icons do not appear since you play videos with Media Player on horizontal display etc., check them on a screen with the status bar appearing.

Screen display/Icons

Icons displayed on the status bar at the top of the screen give you various kinds of information, such as the status of the handset or the presence of missed calls. You can check the detailed information by displaying the status panel.

Viewing icons

- Two kinds of icons are displayed.
 - Notification icon: Notifies you of missed calls, new mails, etc.
 - Status icon: Display the status of the handset such as the battery level or the signal status.



Main notification icon list

- Some notification icons appear with their number superimposed.

[Missed call icon]	: Missed call
[SMS icon]	: New SMS
[Email icon]	: New mail
[Gmail icon]	: New Gmail
[Hangouts icon]	: New message from Hangouts
[Area Mail icon]	: New Area Mail
[Error icon]	: Error • Displayed when an error has occurred.
[Docomo ID icon]	: Authentication of docomo ID setting failed
[Data disabled icon]	: Data communication disabled • Displayed when a data communication limit has been reached.
Alarm	
[Alarm icon]	: Alarm sounding/Snooze enabled
[Alarm terminated icon]	: Alarm terminated (without an operation for ending the alarm)
[Calendar icon]	: Schedule notification from Calendar
TV information	
[TV to TV (blue) icon]	: Watching Full-Seg/Receiving Full-Seg
[TV to TV (white) icon]	: Watching 1Seg/Receiving 1Seg
[Recording icon]	: Recording
[Recording reservation icon]	: Recording reservation (appears 5 minutes before recording)
[Media Player icon]	: Playing music with Media Player
Calling	
[Call icon]	: Making a call/Receiving a call/Talking on the handset
[Hold icon]	: Putting a call on hold
[Answering memo icon]	: Answering memo
[Voice mail icon]	: Voice mail message
microSD Card	
[Preparing icon]	: Preparing microSD Card
[Unmounted icon]	: Unmounted
[Scanning icon]	: Scanning the handset memory/microSD Card
[Space icon]	: Available space on the handset memory being run out
[Omakase Lock icon]	: Omakase Lock set
[Reader/Writer icon]	: [Reader/Writer, P2P] enabled

Bluetooth
 : Receiving registration/connection request from Bluetooth device
 : Data reception request
 : DUN connection request/DUN connecting
 : USB connection (in Card reader mode connecting)
Data transmission and reception
 : Transmission
 : Reception
App
 : App update available
 : Finished installing app
Wi-Fi
 : Open network
 : Wi-Fi connection restriction
 : [USB tethering] enabled
 : [Wi-Fi tethering] enabled
 : [Bluetooth tethering] enabled
 : Multiple tethering enabled
 : Bright Keep set to [ON (Notify)]
 : VPN connected
 : Android version upgrade available
Software update
 : Software update available
 : Software update finished
 : Notification icon (not appearing)
Mobacas signal strength
 : Level 4
 : Level 3
 : Level 2
 : Level 1
 : Outside the service area
Main status icon list
 : Alarm set
Battery level
 to  : Approx. 100 to 5%
 : Approx. 4% or less
- While charging, the battery icon appears with  superimposed. - Percentage of the remaining battery level appears on the left side of the battery icon. Display/Hide the percentage with [Display left percents of Battery] ( P. 69 “Display”).
Signal strength
 : Level 4
 : Level 3
 : Level 2
 : Level 1
 : Level 0
 : Outside the service area
During international roaming, [R] appears on the upper left of the signal icon.
 : Airplane mode
3G data communication status
 : 3G available
 : Receiving data via 3G
 : Sending data via 3G
 : Sending and receiving data via 3G
GSM data communication status
 : GSM available
 : Receiving data via GSM
 : Sending data via GSM
 : Sending and receiving data via GSM

LTE data communication status
 : LTE available
 : Receiving data via LTE
 : Sending data via LTE
 : Sending and receiving data via LTE
HSPA data communication status
 : HSPA available
 : Receiving data via HSPA
 : Sending data via HSPA
 : Sending and receiving data via HSPA
NFC/Osaifu-Keitai lock status
 : Handset or docomo nano UIM card locked
 : Handset and docomo nano UIM card locked
Omakase Lock status
 : Handset or docomo nano UIM card locked by remote control
 : Handset and docomo nano UIM card locked by remote control
 : [Reader/Writer, P2P] enabled
Character input mode
 : Hiragana/Kanji
 : Half Alphabet
 : Half Numeric
 : Full Alphabet
 : Full Numeric
 : Character Code
Manner mode status
 : Standard manner
 : Drive manner
 : Silent manner
 : Talking with a speaker
 : Mute set
Wi-Fi signal strength
 : Level 4
 : Level 3
 : Level 2
 : Level 1
 : Level 0
Simultaneous use of mobile and Wi-Fi networks
 : [Smooth change mode] enabled
 : [Dual Speed mode] enabled
Bluetooth
 : Connection stand-by
 : Connected
 : Measuring location information frequently
Answering memo
 : No answering memo when the answering memo is set
 : One to nine answering memos when the answering memo is set
 : 10 answering memos when the answering memo is set
Home network
 : Suspending
 : Running
 : Preparing

Using the status panel

1 Drag the status bar down

- Alternatively, touch and hold [📶] to display the status panel.

2 Use the status panel



1 Function button area

- Make settings for use of the manner mode, Wi-Fi function, location information, etc. Touch [Customize] to rearrange, add and delete the function buttons.
 - If you touch [Location], the confirmation screens asking for “consent of users” and “consent on location information” are displayed. The mode to be set may differ depending on whether you select [Disagree] or [Agree] (P. 73 “Location”). [📶] is displayed when Mode is set to [High accuracy]/[Device only] while [📶] is displayed when Mode is set to [Battery saving].

2 Enlarge/Reduce bar

- Enlarge/Reduce the function button area.

3 Detailed information on notifications

- When there is a corresponding app, touch the detailed information to activate the app.
- Slide your two fingers up/down or pinch out/in to enlarge/reduce the area.
- Some detailed information can be deleted by flicking them to the left/right.
- Information on some apps can be checked by touching and holding it and displaying [App info].
- Touch [Call] to make a call to the other party.
- Touch [Send SMS] to send an SMS to the other party.

4 Close bar

- Drag it up to close the status panel.

5 Settings

- Activate the “Settings” app.

6 Clear all

- When there is a corresponding app, touch it to delete the detailed information on notifications and notification icons.
- Some detailed information cannot be deleted.

Home screen

Home screen layout

A home app which enables you to find intended apps quickly and operate the handset intuitively. Just by flicking your finger to the left/right, you can choose and use whichever sheet that fits your preferences from between Desktop Sheet or Apps Sheet.

- If you install a new app, the app icon and its shortcut are added.
- If you uninstall an app, its icon is deleted from the home screen.



Desktop Sheet



Apps Sheet

1 Guide Tab

- Indicates the sheet being displayed. When sheets are switched, the sheet name is displayed.

2 Widget

- Use simple functions such as a calendar or pedometer.

3 Shortcut

- Quickly activate a frequently used app.

4 Dock

- Quickly activate an app from any page of the home screen.

5 Machi-Chara

6 Indicator

- Move to the touched page. Indicates the displayed page with [○].

7 Disney Market latest news

- A widget to display Disney Market latest news. If you have not signed up for Disney Market, touch it to sign up. Follow the instructions on the screen and operate.

8 Folder

- Store apps/shortcuts.

9 App

Managing the home screen

Setting the home screen

1 In the home screen, [☰] ▶ [Home settings]

2 Select an item

- **Video tutorial:** Connect to the SHARP website and check how to use with a video tutorial.
- **Display Dock:** Set whether to display the dock.
- **Show guide tab:** Set whether to display the Guide Tab.

- **Home Position Settings:** Set which sheet to display when you touch [🏠] in the home screen.
- **Layout Setting:** Set the layout.
- **Wallpaper:** Set a wallpaper to display in the home screen.

[Layout Setting]

- If you set Layout Setting to [Simple], only the Apps Sheet is displayed and icons and characters become larger.

■ Adding widgets/shortcuts

1 In the home screen, [☰] ▶ [Add widget]/[Add shortcut]

2 Select a widget/shortcut

■ Creating folders

1 In the home screen, touch and hold the Desktop Sheet/Apps Sheet ▶ [Create Folder]

2 Drag an app/a shortcut to the folder

■ Moving apps/widgets/shortcuts/folders

1 In the home screen, touch and hold an app/a widget/a shortcut/a folder

2 Drag it to the destination

- Drag it to [📄] to add a new page.
- Drag an app to [🗑️] to uninstall it. Drag a widget/shortcut/folder to [🗑️] to delete it.
- A shortcut/folder which is set in the dock can also be moved with the same operation. Also, drag an app/a shortcut/a folder to the dock to set a shortcut/folder.

■ Managing apps/widgets/shortcuts/folders

1 In the home screen, touch and hold an app/a widget/a shortcut/a folder

2 Select an item

- **Add shortcut:** Add a shortcut to the app on the Desktop Sheet.
- **App Info:** Display information on the app.
- **Delete app:** Uninstall the app.
- **Hide App:** Hide the app from the Apps Sheet.
 - In the home screen, [☰] ▶ [Application view setting] to display/hide each app.
- **Add to new folder:** Create a folder storing the app/shortcut.
- **Resize:** Change the size of the widget.
- **Peel off:** Delete the widget/shortcut/folder.

[Peel off]

- Apps are not uninstalled even if their shortcuts are deleted.

■ Renaming folders

1 In the home screen, select a folder

2 Touch the folder name

3 Enter a folder name

■ Sorting pages

1 In the home screen, touch and hold the Desktop Sheet/Apps Sheet ▶ [Edit pages]

- Alternatively, in the home screen, pinch in to sort pages.

2 Slide your finger up/down to select the destination ▶ [Move]

App list

- A separate paid subscription will be required for using some apps.
- The followings are the apps installed by default.

Icon	App	Description
	Album	Sort images and videos by people, event and location and use them (📖 P. 60 "Album").
	Anshin Scan*1, 2	An app to use smartphones safely by detecting viruses, checking apps which deal with personal data, giving you a warning when you try accessing offensive websites, etc.
	Calculator	Use a calculator (📖 P. 65 "Calculator").
	Calendar	Manage the schedule.
	Camera	Shoot with the camera provided by Google.
	Chrome	Display websites via packet communication or Wi-Fi function (📖 P. 48 "Chrome").
	Clock	Use Alarm, World Clock, Stopwatch and Timer (📖 P. 63 "Clock").
	Contents Manager	Manage data stored on the handset memory and the microSD Card (📖 P. 80 "Contents Manager").
	Disaster kit	An app to use Disaster Message Board, Disaster Voice Messaging and Early Warning "Area Mail".
	Disney Cinema*1, 2	Lines up the best video content from popular live action movies to animation works provided by Disney! This is the premium video service only for you.
	Disney Illumi Controller*1	Customize how the incoming/charging illumination of the handset, Smartphone pierce (sample), apps and home screen shine! Change the color or pattern of shining as you like and carry the handset with your favorite illumination set! You can select how they shine from among the maximum of 64 colors and 11 illumination patterns (📖 P. 31 "Disney Illumi Controller").
	Disney Illumi Magic Alarm*1	An alarm which shines with beautiful Pixie Dust and various colors. You can enjoy two worlds, "Mickey" and "Frozen". "Mickey" is linked up with Disney Illumi Controller and you can customize colors in various ways.
	Disney Mail Maker*1	A Deco-mail converter app which can be activated from docomo mail. It activates alone to create and link Deco-mail as well!

Icon	App	Description
	Disney Music Player* ¹	An original music player app provided by Disney. You can manage and play all music data as well as Disney ones. This app can be controlled anytime from the home screen since a widget function is installed. Also, Disney music data are delivered every month for free and a lot of original music data arranged for Disney Mobile are available.
	Disney Welcome* ¹	A special welcome movie only for the users of SH-02G! Mickey and Minnie welcome you. Also, you can enjoy cute welcome message voices from Mickey.
	Disney アラーム (Disney alarm)* ¹	Disney アラーム (Disney alarm) is a cute and convenient app equipped with alarm, world clock and timer function with lovely characters. Widget function too!
	Disneyマーケット (Disney Market)* ^{1, 2}	Disney Market is a convenient portal website for providing various “Disney apps” or recommended information by Disney. Check here for the latest information (☞ P. 50 “Disney Market”).
	Dlife* ^{1, 2}	Enjoy dramas, movies, variety shows and news which are popular worldwide anytime and anywhere! Best-selected programs are delivered from “Dlife”, a BS channel, which advises you that new styles be applied on your everyday selections.
	dmarket* ¹	An app which handles various products such as music and books and enables you to purchase ones that satisfy your needs (☞ P. 50 “dmarket”).
	dmenu* ¹	A shortcut app to “dmenu”. In dmenu, you can easily search enjoyable and convenient content exclusively dedicated to smartphones as well as content used in i-mode (☞ P. 50 “dmenu”).
	docomo backup	An app to back up to/restore from “Data Storage Box” or “microSD Card” (☞ P. 66 “docomo backup”).
	docomo mail* ^{1, 2}	An app to send and receive mails using mail address of DOCOMO (@docomo.ne.jp). Same mails can be viewed from multiple devices and mail data can be easily transferred when you change models, since sent and received mails are saved on cloud computing. Also, pictograms and Deco-mail are available. Automatic reception is also supported (☞ P. 44 “docomo mail”).
	docomo phonebook	Manage contacts using the phonebook app provided by DOCOMO (☞ P. 41 “Phonebook”).
	Downloads	Manage data such as images downloaded from websites.
	Drive	Save images, videos, etc. on Google Drive™ or share them.
	Email	Use Email (☞ P. 45 “Email”).

Icon	App	Description
	Fantasmic!* ¹	A live wallpaper of “Fantasmic!” which is a spectacular night entertainment where Mickey performs as a sorcerer’s apprentice on the waters of Mediterranean Harbor.
	Gmail	Use Gmail (☞ P. 46 “Gmail”).
	Google	Use quick search box (☞ P. 19 “Searching information on the handset and websites”).
	Google Settings	Make settings for various Google services, such as accessing Google+™ and apps which link up with Google+, collectively.
	Google+	Use Google+ (Photos, Communities, Locations, Hangouts, Events, etc.).
	Hanashite Hon'yaku* ²	An app to translate your messages into the language the other party speaks. You can enjoy communication with other people who speak a different language.
	Hangouts	Use chat (talk using characters), voice chat, etc.
	“Happiness is Here” Live Wallpaper* ¹	Provides children of all generations with music, dream and friendship... Let’s share superb “Happiness”. This app gives you a live wallpaper of “Happiness is Here”, the day parade of Tokyo Disney Resort®.
	IC Tag/Barcode Reader	An app to read information written on IC tags and bar codes.
	iDアプリ (iD appli)* ¹	An app to use electronic money “iD” provided by DOCOMO. You can pay easily and conveniently by holding an Osaifu-Keitai in which “iD” is set over scanning devices at stores (☞ P. 52 “iD appli”).
	Infrared	An app to send and receive data such as phonebooks by infrared communication (☞ P. 81 “Sending and receiving by infrared”).
	Instruction Manual* ^{1, 2}	Instruction manual for the handset. You can also activate the functions to use directly from the explanations on the manual.
	i コンシェル (i-concier)* ¹	An app to use i-concier. i-concier is a service to have your mobile phone support your life like a “butler” or “concierge”.
	Maps	Measure your present location, use the navigation function to check how to get to your destination in detail, etc. (☞ P. 63 “Maps”).
	Media Player	An app to play music and videos (☞ P. 61 “Media Player”).
	Memo	An app to create and manage memos (☞ P. 65 “Memo”). Its data is shared with the Schedule app. The i-concier is supported.
	Messaging	Use SMS (☞ P. 44 “SMS”).

Icon	App	Description
	Music	Play music. The handset supports playback with high resolution audio*3.
	My Magazine*4	A search service to display articles of genres you choose. It helps you set search keywords by guessing your preferences from the history of articles you have read or from information on your profile to make the settings come to match your preferences (P. 36 “My magazine”).
	NOTTV*1	Watch Mobacas. You can enjoy programs and content of broadcast stations such as “NOTTV” (P. 53 “Mobacas”).
	OfficeSuite	Use OfficeSuite. ● For details on supported files, in the home screen, display the Apps Sheet ▶ [OfficeSuite] ▶ [E] ▶ [Help] ▶ [Help] to refer to help.
	Osaifu-Keitai	Use Osaifu-Keitai (P. 51 “Using “Osaifu-Keitai compatible services”).
	Phone	An app to use the phone and make settings for calls (P. 37 “Call”).
	Photos	Manage images and videos.
	Play Books	Purchase e-books, read the purchased e-books or browse samples by connecting to Google Play.
	Play Games	Search for new games or play favorite games.
	Play Movies & TV	Rent and watch movies.
	Play Store	Use Google Play (P. 50 “Play Store”).
	Schedule	An app to create and manage schedules (P. 64 “Schedule”). Its data is shared with the Memo app. The i-concier is supported.
	Search finder	Search related words/videos/images by dragging characters being displayed on the screen over which the camera is held. Search results are displayed around the dragged characters and you can see them on the Search finder screen (P. 60 “Search finder”).
	Settings	Make various settings for the handset (P. 68 “Setting menu”). ● The same operation can be performed as in the home screen, [E] ▶ [Settings].
	SH Camera	Shoot with SH Camera (P. 57 “SH Camera”).
	SH tool	Use convenient functions such as the pedometer and dictionaries (P. 65 “SH tool”).
	Tokyo Disney Resort® Machijikannabi*1, 2	An app to check your present location on the map of Tokyo Disneyland/Tokyo DisneySea and get various information such as waiting time for attraction.

Icon	App	Description
	ToruCa*1	An app which enables you to store economical coupons of your favorite shops, useful information, etc. in one place (P. 52 “ToruCa”).
	Translation finder	Have English texts translated into Japanese in real time just by holding the camera over English texts. You can also shoot what you can see in Translation finder and select characters to search them with the dictionary or via the Internet (P. 60 “Translation finder”).
	TV	Use TV (Full-Seg/1Seg) (P. 55 “TV (Full-Seg/1Seg)”).
	Twitter	An official client app of Twitter. You can communicate with other people by sharing short messages on websites.
	Voice Search	Search information of websites by voice (P. 19 “Searching information on the handset and websites”).
	YouTube	Use YouTube (P. 63 “YouTube”).
	遠隔サポート (Remote support)*1	An app to use “Anshin Enkaku Support”. “Anshin Enkaku Support” is a service that gives you operational support by having the handset screen you are using checked by special staff at a call center remotely (P. 92 “Anshin Enkaku Support”).
	しゃべってコンシェル (Shabette-Concier)*1	An app which gives you best answers by figuring out what you really want to know once you tell the handset what you want to do, what you want to know, etc.
	データ保管 BOX (Data Storage Box)*1, 2	An app to use Data Storage Box. Data Storage Box is a service which enables you to upload necessary files and easily manage them in cloud computing.
	フォトコレクション (Photo Collection)*1, 2	A service to back up photos and videos of up to 5 GB to cloud computing for free and access them from smartphones, tablets, PCs, etc.
	メーカーアプリ (maker appli)*1	Connect to the SHARP website.

*1 This is provided in Japanese.

*2 When you use this app for the first time, you need to download it. Packet communication charges are incurred separately for downloading apps.

*3 A commercially available headphone or speaker supporting high resolution is needed.
The file formats of playable music data are WAV/FLAC at frequencies of 96 kHz/24 bit and 192 kHz/24 bit. WAV/FLAC formats at frequencies of 44.1 kHz/24 bit, 48 kHz/24 bit and 88.2 kHz/24 bit can also be played although the frequencies are set to 48 kHz/24 bit during playback.

*4 This is displayed when the home app is an item other than docomo LIVE UX.

● Some of the apps installed by default can be uninstalled. You may be able to download uninstalled apps again from Play Store (P. 50 “Play Store”), Disney Market (P. 50 “Disney Market”), etc. Check the product information on the following website.

<http://3sh.jp/> (in Japanese only)

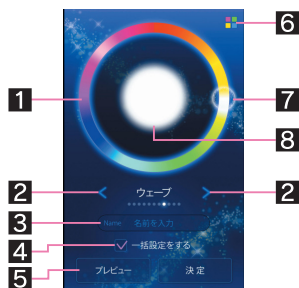
Disney Illumi Controller

You can set a flashing pattern and illumination color of the incoming/charging illumination. You can also set the color of icons in the home screen, the background of keyboards, EDGEST Effect, etc. In addition, characters to be drawn in the home screen can also be set.

- Sign up for Disney Market in advance (☞ P. 50 “Disney Market”).
- In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Illumination] to set when to make the incoming/charging illumination flash (☞ P. 69 “Illumination”).

1 In the home screen, display the Apps Sheet ▶ [Disney Illumi Controller]

2 Set each item



1 Color circle

- Touch it to select an illumination color.

2 Flashing pattern switching key

3 Character entry field

- If you set [Disney Illumi Magic Mickey&Minnie] or [Disney Illumi Magic Frozen] of Live Wallpapers, the entered characters are drawn in the home screen.
 - You can enter up to six alphanumerics and symbols (♥, ★, ♪) in total.

4 Collective setting

- Enable it to apply the set illumination color to icons in the home screen, the background of keyboards, EDGEST Effect, etc.

5 Preview

6 Individual setting

- Set the color of icons in the home screen, the background of keyboards, EDGEST Effect, etc. individually. Disable the collective setting to apply the individual setting.

7 Color cursor

- Indicates a selected illumination color. Alternatively, drag it to select an illumination color.

8 Preview circle

- Visually check the selected flashing pattern and illumination color.

3 [決定] (OK)

- If Smartphone pierce (sample) is inserted into the handset, the pierce shines according to the flashing pattern of the incoming/charging illumination.
- The color of flashing for Smartphone pierce cannot be changed.

Setting illumination color individually

1 In the Disney Illumi Controller screen, [設定] (Set)

2 Select an item

- イルミライブ壁紙 (Illumi live wallpapers): Set a color of characters drawn in the home screen etc.
- イルミアラーム (Illumi alarm): Set an illumination color for when Disney Illumi Magic Alarm is operated with “Mickey” set.
- ホーム/キーパッド (Home/Keypad): Set a color of icons in the home screen, the background of keyboards, etc.
- EDGESTエフェクト (EDGEST Effect): Set a color of EDGEST Effect. For details on EDGEST Effect ☞ P. 69 “Display”

3 Select an illumination color ▶ [設定] (Set) ▶ [戻る] (Back) ▶ [決定] (OK)

Quick Launcher

You can quickly use app usage history items, the apps/shortcuts/function buttons set in Favorites or mini apps/widgets by switching tabs.

- Set Recent apps key to [Quick Launcher] in advance (☞ P. 71 “Useful”).

History

You can activate apps by displaying the history of recently used apps.

1 [履歴] ▶ [History]

2 Use a history item



1 App usage history item

- Touch it to activate the app.
- Flick it down to delete the history item.
- Touch and hold it to delete the history item and check information on the app.

2 Activation status

- Apps running in the background are displayed in blue while apps not running are displayed in gray.

3 Clear all

- Touch it to delete all app usage history items.

- Some apps may not be displayed in the history.

Favorites

You can quickly activate apps or switch settings on the handset just by touching apps, shortcuts and function buttons set in Favorites.

1 [📁] ▶ [Favorites]

2 Select an app/a shortcut/a function button

■ Adding apps/shortcuts/function buttons

1 [📁] ▶ [Favorites] ▶ [+]

2 Select an app/a shortcut/a function button to add

■ Moving apps/shortcuts/function buttons

1 [📁] ▶ [Favorites]

2 Touch and hold an app/a shortcut/a function button ▶ drag it to the destination

■ Managing apps/shortcuts/function buttons

1 [📁] ▶ [Favorites]

2 Touch and hold an app/a shortcut/a function button

- Release your finger to display the menu.

3 Select an item

- **Delete application:** Uninstall the app.
- **Peel off:** Hide the app, shortcut or function button.

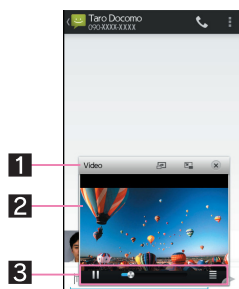
Mini app/Widget

You can use mini apps and widgets which enable you to watch TV, videos, YouTube, etc. while using another app.

1 [📁] ▶ [Mini apps]

2 Select a mini app/widget

3 Use the mini app/widget



1 Title bar

- Drag it to the destination to move the mini app/widget.
 - The following operations are available with displayed keys.
 - To activate a usual app: [📁]*
 - To minimize the mini app/return it to the original size: [📁]/[📁]
 - To end the mini app/widget: [⊗]
- * As for the mini TV, mini built-in video or mini net video, touch [📁]/[📁] to return it to the mini app.

2 Mini app/Widget display

- Touch it to display the title bar and controller when they are not displayed.
- Touch and hold it and drag it to another app such as the "Email" app while the app is running to copy characters, images, etc. and paste them.

3 Controller

- The following operations are available with displayed keys.
 - To change the size of the mini app/widget: Drag [📁]

Operations on mini TV

- To select a station with UP/DOWN: [CH ▶]/[◀ CH]
- To set the receiving method: [AUTO] / [TONE] / [FULL] ▶ select an item

Operations on mini built-in video/mini net video

- To pause/play the data: [⏸]/[▶]
- To display the data list screen: [☰]

- When you play videos with another app while a mini app is being used, videos may not be displayed properly.

■ Adding mini apps/widgets

1 [📁] ▶ [Mini apps] ▶ [+]

2 [Add mini application]/[Add widget]

3 Select a mini app/widget to add

- Touch [Add from Play Store] to download an uninstalled mini app again.

■ Moving mini apps/widgets

1 [📁] ▶ [Mini apps]

2 Touch and hold a mini app/widget ▶ drag it to the destination

■ Managing mini apps/widgets

1 [📁] ▶ [Mini apps]

2 Touch and hold a mini app/widget

- Release your finger to display the menu.

3 Select an item

- **Delete application:** Uninstall the app.
- **Peel off:** Hide the mini app or widget.
- **Change name:** Change the name of the widget.

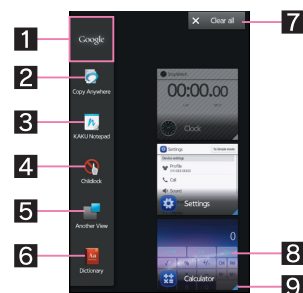
Recent Apps

You can activate apps by displaying the history of recently used apps. Also, you can use the user-aid function, apps such as KAKU Notepad and Childlock, and shortcuts.

- Set Recent apps key to [Recent applications] in advance (☞ P. 71 "Useful").

1 [📁]

2 Use a history item/an app



1 User-aid function

- Touch it to quickly activate an app supporting the user-aid function.

2 Copy Anywhere

- Copy characters on a screen being displayed.

3 KAKU Notepad

- Create handwritten notes on a screen being displayed.

4 Childlock

- Set Childlock to disable operations available by touching or the navigation keys. Childlock is canceled when you press  or the display is turned off.

5 Another View

- Activate a mini app/widget ( P. 32 “Mini app/Widget”).

6 Dictionary

- Activate a dictionary.

7 Clear all

- Touch it to delete all app usage history items.

8 App usage history item

- Touch it to activate the app.
- Flick it to the left/right to delete the history item.
- Touch and hold it to delete the history item and check information on the app.

9 Activation status

- Apps running in the background are displayed in blue while apps not running are displayed in gray.

● Some apps may not be displayed in the history.

Managing apps/shortcuts

1

2 Touch and hold an app/a shortcut ►

3 Select an item

- **Select Application or Shortcut:** Set an app/a shortcut.
- **To default:** Reset the app/shortcut to the default status.
- **Peel off:** Hide the app/shortcut.

Home applications

Switch lock screens or home apps to use.

- The following home apps are registered on the handset by default.
 - **docomo LIVE UX**
A home app optimized for smartphones provided by DOCOMO.
 - **docomo Simple UI**
A home app which is designed to enable customers having been using i-mode mobile phones (feature phones) to use smartphones easily.
 - **Feel UX Home**
A home app which enables you to find intended apps quickly and operate the handset intuitively. Just by flicking your finger to the left/right, you can choose and use whichever sheet that fits your preferences from between Desktop Sheet or Apps Sheet.

1 In the home screen, display the Apps Sheet ► [Settings] ► [Home applications]

2 Select an item

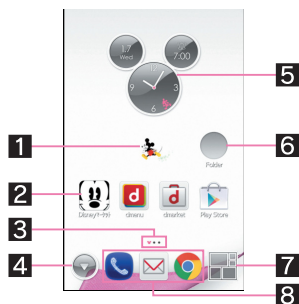
- **Batch change lock screen/ home application:** Switch lock screens and home apps.
- **Home applications:** Switch home apps.

Home screen

Home screen layout

The followings describe the layout of the home screen to be displayed when the home app is switched to docomo LIVE UX. In the home screen, you can activate apps by selecting apps or the quick menu or use widgets.

- If you install a new app, its icon is added to the home screen.



1 Machi-Chara

2 App

3 Indicator

- Indicates the displayed page with [♥].

4 App button

- Display the app screen.

5 Widget

- Use simple functions such as a calendar or pedometer.

6 Folder

- When a folder is added, you can store apps into the folder.

7 My magazine button

- Use My magazine (P. 36 "My magazine").

8 Quick menu

- Quickly activate an app from any page of the home screen.

- Pinch in on the home screen to display the home screen list.
- Flick the home screen down to display the app screen.
- Flick the home screen up to use My magazine.

Managing the home screen

Setting the home screen

1 Touch and hold the home screen

2 Select an item

- **Show apps**: Display the Apps tab of the app screen.
- **Show widgets**: Display the Widgets tab of the app screen.
- **Create folder**: Add a folder.
- **Change Kisekae**: Change the kisekae. For details on kisekae P. 34 "Changing kisekae"
- **Change wallpaper**: Display the Wallpapers tab of the app screen. For details on wallpapers P. 34 "Changing wallpapers"
- **Machi-Chara display setting**: Make settings for Machi-Chara.
- **Home screens**: Display the home screen list.

Moving apps etc.

1 In the home screen, touch and hold an app etc.

2 Drag it to the destination

- If you drag it to the end of the page, the previous/next page is displayed and you can move it to the previous/next page.
- Drag an app onto another one to create a folder storing the two apps.

Restoring apps to the app screen

1 In the home screen, touch and hold an app

2 Drag it to [Back to apps list]

Deleting widgets etc.

1 In the home screen, touch and hold a widget etc.

2 Drag it to [Remove from Home]

- Apps are not uninstalled even if the folder storing the apps is deleted.

Uninstalling apps

1 In the home screen, touch and hold an app

2 Drag it to [Uninstall] ▶ [OK]

Renaming folders

1 In the home screen, select a folder

2 Touch the folder name

3 Enter a folder name

Setting quick menu

You can set apps etc. in the quick menu.

- You can set up to three apps etc. in the quick menu.

1 In the home screen, touch and hold an app etc.

2 Drag it to the quick menu

Changing kisekae

1 In the home screen, [≡] ▶ [Kisekae]

2 Select kisekae ▶ [Set]

Changing wallpapers

1 In the home screen, [🖼️] ▶ [Wallpapers]

2 Select data ▶ [For all screens]/[Just for this screen] ▶ [OK]

- Touch [See more wallpapers] to select a wallpaper from among photos, images and other apps.
- As for [Contents Manager], [Album] or [Photos], set each item and select [OK].
- As for [Wallpaper gallery] (🖼️), [Live Wallpapers] or [Wallpaper gallery] (🖼️), select [Set wallpaper]/[Set to wallpaper].
- As for [Contents Manager(wallpaper)] or [Album(wallpaper)], select the parts to cut and select [Save].

Managing pages

■ Adding pages

- You can add up to seven pages.

1 In the home screen, pinch in ► [+]

■ Sorting pages

1 In the home screen, pinch in ► touch and hold a thumbnail

2 Drag it to the destination

■ Deleting pages

1 In the home screen, pinch in ► [✕]

App screen

App screen layout

Loaded apps that are not added to the home screen are displayed as icons in the app screen. Select an icon to activate an app. Also, you can add widgets and change wallpapers.

- If you uninstall an app, its icon is deleted.



1 App

2 Indicator

- Indicates the displayed page with [●].

3 Home screen

- Part of the home screen remains to be displayed.
- Flick it up to display the home screen.

4 Apps tab

- Display apps that are not added to the home screen.

5 Widgets tab

- Add widgets to the home screen.

6 Wallpapers tab

- Change wallpapers.

7 Recommends button

- Display apps recommended by DOCOMO.

Managing apps

■ Moving apps to the home screen

1 In the home screen, [●] ► touch and hold an app

2 Drag it to the home screen

■ Moving apps

1 In the home screen, [●] ► touch and hold an app

2 Drag it to the destination

■ Uninstalling apps

1 In the home screen, [●] ► touch and hold an app

2 Drag it to [Uninstall] ► [OK]

Installing recommended apps

Apps recommended by DOCOMO are displayed when you touch the Recommends button of the app screen.

1 In the home screen, [●] ► [Recommends]

- When you use this for the first time, select [おすすめアプリを見る] (See recommended apps).

2 Select an app

- The screen for downloading the app is displayed.
- If you touch [おすすめアプリをすべて見る] (See all the recommended apps), Chrome is activated and recommended apps are displayed.

Backing up/Restoring the home screen

You can restore the positions of apps, widgets, etc. in the home screen using data of docomo LIVE UX backed up to docomo cloud. At the time of restoration, a page for docomo service is added at the end of the home screen.

■ Backing up the home screen

1 In the home screen, [≡] ► [Layout backup and Restore] ► [雲]

- When you use this for the first time, you must agree to “アプリケーション・プライバシーポリシー” (Apps privacy policy), “ご注意事項” (Precautions) and “ソフトウェア使用許諾規約” (Software License Agreement).

2 [BACKUP]

■ Restoring the home screen

1 In the home screen, [≡] ► [Layout backup and Restore]

2 Select an item

- Restore the latest backup data: Restore the home screen backed up last time.
- Restore from backup data list: Select and restore a home screen from the backup data list.

My magazine

This is a search service to display articles of genres you choose. It helps you set search keywords by guessing your preferences from the history of articles you have read or from information on your profile to make the settings come to match your preferences.

Setting genres

1 In the home screen, [🏠]

- When you activate this for the first time, the genre selection screen is displayed. You can set genres to display by selecting ones and touching [OK].
- If the home app is Feel UX Home, in the home screen, display the Apps Sheet ▶ [My Magazine] to activate it.

2 [☰] ▶ [Display category setting]

3 Select genres ▶ [OK]

Viewing articles

1 In the home screen, [🏠]

- An article list screen sorted by genre is displayed.

2 Select an article



1 Genres to display

- Display articles of a selected genre.
- Slide it to the left/right to switch displays of genre.

2 Article

- Display articles.

3 See more info

- Display articles which are not displayed in the article list screen as a list.

4 Search

Information on apps

1 In the home screen, [☰] ▶ [About]

Call

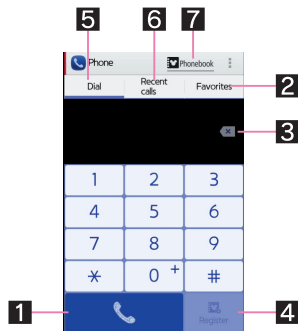
You can use the phone and phonebook, and make settings for call, voice/answering memo, operations available when calls are received, etc.

Making a call

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [Dial]

2 Enter a phone number

- Always enter the city code, even when it is a local number.
- You can set to notify/not to notify the other party of your phone number for each call by adding “186”/“184” to the head of the phone number.



1 Call

- Make a call. Also, if there are outgoing call history items, touch it to enter the latest one when the phone number has not been entered.

2 Favorites

- Display the contacts set as favorites.

3 Delete

- Delete an entered number.
- Touch and hold it to delete all the entered numbers.

4 Register

5 Dial

- Display the dial screen.

6 Outgoing/Incoming call history

7 Phonebook

- Display the phonebook.

3 [📞]

- To make a video call: [☰] ▶ [Video call]

4 [End call] to end the call

- If you talk on the handset with your hair put between the earpiece and your ear, the proximity sensor may not work properly. The screen may be kept turned on and the call may be interrupted when the screen is touched accidentally.

VoLTE

- VoLTE enables you to use call and video call of high quality.
- When you use VoLTE, the handset and the other party's device need to satisfy the following conditions.
 - They are VoLTE compatible models
 - They are inside the Xi service area*
 - Preferred network type is set to [LTE/3G/GSM(Auto)]/[LTE/3G] (P. 87 “Preferred network type”)
 - Call mode setting is set to [VoLTE/3G] (P. 40 “Call settings/Other”)
- * VoLTE is not available outside the Xi service area or during international roaming.

Entering touch-tone signals

When using services in which you are required to enter numbers additionally during a call, such as inquiry about the balance in your bank account or ticket reservation, enter pause (,)/wait (;) after entering a phone number to make a call with an additional number added to the main phone number.

Adding 2 seconds pause

After making a call to a main phone number, the handset automatically pauses for 2 seconds and an additional number is sent.

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [Dial]

2 Enter a phone number ▶ [☰] ▶ [Add 2-sec pause]

3 Enter a number to send ▶ [📞]

Adding wait

After making a call to a main phone number, the handset automatically waits and then a screen asking whether to send an additional number is displayed. Touch [Yes] to send an additional number.

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [Dial]

2 Enter a phone number ▶ [☰] ▶ [Add wait]

3 Enter a number to send ▶ [📞]

4 [Yes] during the call

Video call

By using video call, you and the other party can talk on the handset while seeing each other's image. Also, you can switch between voice call and video call while talking on the handset.

- Call charges and packet communication charges are incurred when making a video call. In addition, packet communication charges are incurred also when receiving a video call.
- Quality of image may differ depending on the usage environment because suitable communication levels are applied according to the usage condition.
- If you cannot switch to a video call during a voice call, [Switching to video call failed] is displayed and the voice call continues.
- You cannot switch the audio output port to a Bluetooth device during a video call. Set an output port after switching to a voice call.
- Be careful not to cover the speaker section during a video call. The other party's voice may not be heard well.
- While using video call in the background, your image is not sent to the other party.
- As for image displayed during a video call, since processes for displaying image may differ depending on the model to use, ranges of your image displayed on the handset may differ from those displayed on the other party's device.

Emergency call

Emergency calls	Phone number
Police	110
Fire and ambulance	119
Marine emergency	118

- The handset supports “Emergency call location notification”. When you make a call to an emergency number such as 110, 119 and 118, the information of your location (location information) is automatically notified to the agency that has received the emergency call (e.g. the police station). Depending on your location and the reception status of the signal, the agency that has received the emergency call may not be able to confirm the exact location.
If you are not sending your caller ID by calling with “184” added or other means, your location information and phone number are not notified. However, if the agency that has received the emergency call considers your location information and phone number necessary for important purposes, such as life saving, the agency may retrieve them regardless of your settings. In addition, the area/timing to introduce “Emergency call location notification” depends on the state of preparation in each agency that receives emergency calls.
- In Japan, you cannot make a call to the emergency number (110, 119 or 118) when a docomo nano UIM card is not inserted, while the PIN code is locked, from the PUK (PIN Unlock Key) entry screen or from the password entry screen for decrypting the storage.
- When calling 110, 119 and 118 from your handset, the police or fire stations may return your call for verification purposes. State that you are calling from a mobile phone, and give your phone number and exact present location.
Remain stationary to ensure that the call is not disconnected while you are on the line, and keep the handset turned on to receive calls for approximately 10 minutes afterwards.
- Depending on the region, calls to the police or fire station of the local area may not be made.
- When you make a call to the emergency number (110, 119 or 118) while Reject call setting is set, items of Reject call setting are set to [OFF].
- Emergency call may not be available in some networks.
- You cannot make a video call to the emergency number (110, 119 or 118).

International call (WORLD CALL)

WORLD CALL is an international calling service available from DOCOMO devices in Japan.

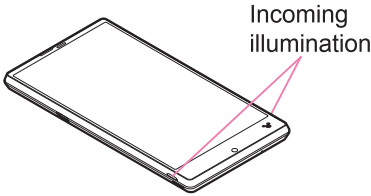
- To make an international call through a company other than DOCOMO, contact the respective companies for instructions.
- The caller ID may not be notified or displayed correctly depending on overseas network operators. In this case, making a call with incoming call history is not available.

[Calling Method]

- When calling to a land-line phone: 010 ▶ country code ▶ area code (city code) ▶ the other party’s phone number ▶ [📞]
- When calling to a mobile phone: 010 ▶ country code ▶ the other party’s mobile phone number ▶ [📞]
- As for the other parties’ mobile phone numbers and area codes (city codes) that begin with “0”, omit the first “0” when entering (except some countries or regions such as Italy).
- Alternatively, enter “009130-010” as usual or “+” instead of “010”.

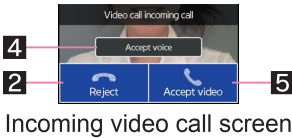
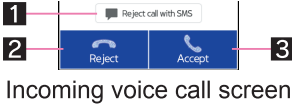
Answering a call

1 When a call is received, the ringtone sounds and the incoming illumination flashes



2 Answer the call

- Operate after touching [📞].



- 1 Reject call with SMS
 - Reject the incoming call and send a selected SMS message to the other party.
- 2 Reject
 - Reject the incoming call.
- 3 Accept
 - Answer the call.
- 4 Accept voice
 - Answer the call using voice call.
- 5 Accept video
 - Answer the call using video call.

3 [End call] to end the call

Placing a call on hold

1 When a call is received, the ringtone sounds and the incoming illumination flashes

2 [☰] ▶ [Hold]

Answering by answering memo

1 When a call is received, the ringtone sounds and the incoming illumination flashes

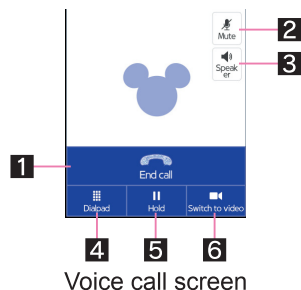
2 [☰] ▶ [Absence Memo]

Playing an answering memo

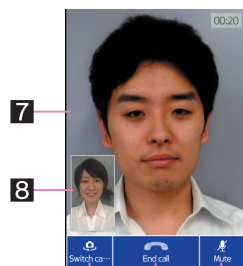
- 1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [☰] ▶ [Call settings]
- 2 [Call/Ans Memo] ▶ [Answering Memo List] ▶ select an answering memo

Operation during a call

You can carry out operations such as using a hands-free call and adjusting the in-call volume according to the usage condition during a call.



Voice call screen



Video call screen

1 End call

- End a call.

2 Mute

- Enable or disable mute setting on a current call.

3 Speaker

- You can talk with hands-free.
- When a Bluetooth device is connected, you can switch audio output ports.

4 Dialpad

- You can enter touch-tone signals.

5 Hold

- Hold/Unhold a current call.

6 Switch to video

- Switch to a video call.

7 The other party's image

- If you cannot receive the other party's image, [] is displayed.

8 Your own image

9 Switch camera

- Switch to the front camera/back camera.

- Note the followings to use hands-free or video call.
 - Speak approximately 20 to 40 cm away from the mouthpiece. When the surroundings are noisy, the sound may break up and the call may not be satisfactory.
 - When calling outdoors, in a location where surroundings are noisy or where the sound echoes loudly, use an earphone/microphone.
 - If the sound breaks up during a hands-free call, lower the in-call volume.
- While making a call/receiving a call/talking on the handset in VoLTE, [(high-quality sound)] is displayed.

Adjusting the in-call volume

1 [+]/[-] during a call

2 [+]/[-]

- Alternatively, press [+]/[-] to adjust the volume.

3 [Close]

Using Noise suppression

When Noise suppression is set to [ON], you can measure ambient noises using the out-microphone and communicate by making your voices sound clear during a call.

1 [+]/[-] during a call

2 [OFF]/[ON] of Noise suppression

3 [Close]

- Noise suppression processes voices to make conversations sound clear. Sound quality may vary depending on the surrounding noises and the tone of the voice.
- When using Noise suppression, make sure not to cover the hole of the out-microphone and move the mouthpiece as close to your mouth as possible for speaking.
- Noise suppression is not available during a hands-free call or video call.

Using Slow Talk

When Slow talk is set to [ON], the speed of the other party's voice is slowed down during a call and you can hear the voice well.

1 [+]/[-] during a call

2 [OFF]/[ON] of Slow talk

3 [Close]

Switching to full screen display

Switch the video call screen to the full screen display.

1 Touch the screen during a call

- To disable the full screen display: Touch the screen

Adding a call

Place a current voice call on hold and make a call to another party.

- Subscription to Call Waiting Service is required to add a call.

1 [] during a call ▶ [Add call]

2 Enter a phone number

3 []

- Touch the other party put on hold to switch to whom you talk.

Switching to voice call

Switch to a voice call during a video call.

1 [] during a call ▶ [Switch to voice call]

Displaying dialpad

Display the dialpad during a video call.

1 [] during a call ▶ [Dialpad]

Voice memo

1 [] during a call ▶ [Sound Memo]

2 [Stop]

Displaying phonebook

1 [] during a call ▶ [Address Book]

Checking your own phone number

1 [] during a call ▶ [My profile]

Outgoing/Incoming call history

The handset memory keeps a record of the 500 most recent outgoing and incoming call history items in total.

1 In the home screen, display the Apps Sheet ▶
[Phone] ▶ [Recent calls] ▶ [All]/[Incoming]/
[Outgoing]

2 Select a history item

- Information on whether the outgoing/incoming call history items are of voice call or video call is not displayed.



1 Switch displays of history

- Switch among all history, only incoming history and only outgoing history.

2 The other party's name/phone number

3 Outgoing call/Incoming call/Missed call

4 Date and time of outgoing/incoming call

5 Outgoing call icon

- Touch to make a voice call.

3 [Call]

- To register to the phonebook: [Register] ▶ select a destination ▶ set each item ▶ [Save]
- To compose and send SMS: [Send SMS] ▶ compose and send SMS
- To make a video call: [Video call]
- To record with Koe-no-Takuhaibin: [Koe-Taku]

Deleting outgoing/incoming call history

1 In the home screen, display the Apps Sheet ▶
[Phone] ▶ [Recent calls] ▶ [All]/[Incoming]/
[Outgoing] ▶ [≡] ▶ [Delete log]

2 Select a history item ▶ [Delete] ▶ [Delete]

- To delete all history items: [Select all] ▶ [Delete] ▶ [Delete]

Voice/Answering memo

You can play or set the voice/answering memo. If you set the answering memo, the handset answers a call and records the caller's message when you cannot answer.

1 In the home screen, display the Apps Sheet ▶
[Phone] ▶ [≡] ▶ [Call settings] ▶ [Call/Ans
Memo]

2 Select an item

- Answering Memo List:** Play or delete answering memos etc.
- Voice Memo List:** Play or delete voice memos etc.
- Answering memo setting:** Make settings for operations of the answering memo.
- Answering message setting:** Make settings for the reply message of the answering memo.
- Answer time setting:** Make settings for how long before the answering memo answers a call.

- Up to 10 answering memos and voice memos (approximately 60 seconds per memo) can be recorded respectively.
- If a video call is answered by the answering memo, it automatically switches to a voice call and the message is recorded.
- If the number of saved answering memos exceeds the maximum number to be saved, answering memos which have been played are deleted from the oldest one. If no answering memo has been played, the handset does not answer calls by the answering memo.
- If the number of saved voice memos exceeds the maximum number to be saved, they are deleted from the oldest one.

Call settings/Other

You can make settings for call such as voice mail and call rejection.

1 In the home screen, display the Apps Sheet ▶
[Phone] ▶ [≡] ▶ [Call settings]

- Alternatively, in the home screen, display the Apps Sheet ▶ [Settings] ▶ [Call] to make settings for call.

2 Select an item

- Network service:** For details P. 41 "Network service"
- Roaming settings:** For details P. 89 "Roaming settings"
- Phone ringtone:** Set the ringtone.
- Vibrate on ring:** Set whether to activate the vibrator when receiving a call.
- Dialpad touch tones:** Set whether or not to enable dialing sounds.
- Call/Ans Memo:** For details P. 40 "Voice/Answering memo"
- Reject call setting:** For details P. 41 "Reject call setting"
- Reject SMS:** Edit texts to use for Reject call with SMS.
- Any key answer settings:** Set an action available when you press Ⓜ(+) on receiving a call.
- Quick silent:** Set whether to temporarily stop the ringtone by turning the handset back on receiving a call.
- Simple secrecy for incoming calls:** Set whether to hide the other party's name and image until holding the handset when receiving a call.
- Sub address settings:** Set whether to use "*" included in a phone number as a separator for the sub address.
- Prefix settings:** Make settings for the prefix number.
- Operation when putting down:** Make settings for an action available when you put the handset down during a call.
- Call mode setting:** Set a network to use during a call.
- Call time:** For details P. 41 "Call time"
- Contact docomo:** For details P. 41 "Contacting docomo"
- Internet call settings:** Make settings for an account for Internet call or set whether to use Internet call.
- Open source licenses:** Display the open source licenses.

[Any key answer settings]

- Following items can be set.
 - Answer:** Press Ⓜ(+) on receiving a call to answer it.
 - Quick silent:** Press Ⓜ(+) on receiving a call to temporarily stop the ringtone, vibrator or flash of the incoming illumination.

[Operation when putting down]

- You cannot have a video call put on hold by putting the handset down.

Network service

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [] ▶ [Call settings] ▶ [Network service]

2 Select an item

- **Koe-no-Takuhaibin**: Play voice messages with simple operations. Also, you can confirm or change the settings.
- **Voice mail service**: A service to answer calls with a reply message and record callers' messages for you.
- **Call forwarding service**: A service to forward calls.
- **Call waiting**: A service to place the current call on hold and answer a new incoming call when receiving a call during another call.
- **Caller ID notification**: Display your phone number on the other party's phone when you make a call.
- **Nuisance call blocking service**: Register and reject phone numbers of "nuisance calls" such as prank calls.
- **Caller ID display request service**: Answer calls without notifications of phone number and play the guidance for asking notifications of the numbers.
- **Second call settings**: Deal with an incoming call during another call by a method determined in advance.
- **Call notification**: Notify you of incoming call information with SMS.
- **English guidance**: Play the guidance for setting each network service and the voice guidance stating that the handset is outside the service area etc. in English.
- **Remote operation settings**: Operate Voice Mail Service, Call Forwarding Service, etc. from a touch-tone land-line phone, pay phone, mobile phone provided by DOCOMO, etc.
- **Public mode (power OFF) settings**: Play a message stating that you are unable to answer because you are in a place that does not allow the use of mobile phone and automatically disconnect the call when receiving a call with the handset turned off.

● The following items are not available in video call.

- Koe-no-Takuhaibin
- Voice mail service
- Call forwarding service
- Call waiting
- Second call settings

Reject call setting

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [] ▶ [Call settings] ▶ [Reject call setting]

2 Enter the passcode ▶ [OK]

3 Select an item

- **Reject specified numbers call**: Set to reject incoming calls only from the specified callers.
 - To edit a specified number: [] ▶ [Edit] ▶ edit the phone number
- **Reject unregistered call**: Set to reject incoming calls from callers not registered in the phonebook.
- **Reject private number call**: Set to reject incoming calls from callers not notifying their phone numbers.
- **Reject call from pay phone**: Set to reject incoming calls from pay phones.
- **Reject unknown call**: Set to reject incoming calls from callers whose phone numbers cannot be notified.

[Reject unregistered call]

- Even if you set Reject unregistered call, calls from contacts for whom the secrecy setting is set are received. The names registered in the phonebook do not appear and only the phone numbers appear.

Call time

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [] ▶ [Call settings] ▶ [Call time]

2 Select an item

- **Cumulated call time**: Display the cumulated call time.
- **Reset cumulated call time**: Reset the cumulated call time.
- **Auto-reset**: Set whether to automatically reset the cumulated call time on the first day of every month.

Contacting docomo

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [] ▶ [Call settings] ▶ [Contact docomo]

2 Select an item

- **ドコモ故障問合せ** (Inquiries to DOCOMO about malfunctions): Make a call for inquiries about malfunctions.
- **ドコモ総合案内・受付** (General inquiries to DOCOMO): Make a call for general inquiries.
- **海外紛失・盗難等** (Inquiries about loss, theft, etc. while overseas): Make a call for inquiries about loss, theft, etc. from overseas.
- **海外故障** (Inquiries about malfunctions while overseas): Make a call for inquiries about malfunctions from overseas.

Phonebook

You can manage contacts and check My profile.

Adding contacts to phonebook

1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts] ▶ [Register]

- When the confirmation screen for using cloud computing is displayed, check the content and select [Use]/[Not use].

2 Set each item

- Information which can be registered may differ depending on the account type.



1 Account

- Set to which account to register.

2 Image

- Register an image to display when making and receiving a call or checking the contact.

3 First name, Last name

4 Phone

5 Mail

6 Group

- Displayed only when you are using the group function.

7 Ringtone

8 Illumination

9 SNS・Blog

10 Add other items

- Add items such as the address and organization.

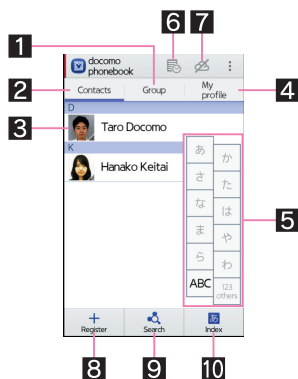
3 [Save]

Checking/Using phonebook

You can retrieve registered contacts from the phonebook to make calls and send mails.

1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts]

2 Select a name



1 Group

2 Contacts

3 Image

- Touch to select and use an app supporting the registered content of the contact.

4 My profile

- Display your phone number registered on the docomo nano UIM card.

5 Index bar

- Move to the touched heading.

6 Timeline

- Display tweets, messages, etc. from SNSs and blogs.
- Using cloud computing and making settings for the My SNS function are necessary.

7 Use cloud computing

8 Register

9 Search

10 Index

- Display the index bar.

3 Check/Use registered information



1 Image

2 Registered contents

- Check or use the registered contents.

3 Edit

4 Favorites

- Set the contact as a favorite.
- Check the contacts set as favorites in [Favorites] of Group.
- It is not available on contacts created with some accounts.

5 Call

Selecting accounts to display

1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts]

2 [≡] ▶ [Settings] ▶ [Accounts to display]

3 Select an item ▶ [OK]

- To customize an account to display: [Customize...] ▶ select accounts ▶ select groups ▶ [OK]

Deleting phonebook

1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts] ▶ [≡] ▶ [Delete]

2 Select names ▶ [OK] ▶ [OK]

- To delete all items: [Select all] ▶ [OK] ▶ [OK]

Editing phonebook

1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts]

2 Select a name ▶ [Edit]

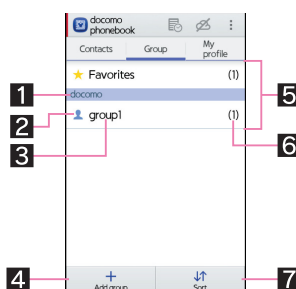
3 Set each item ▶ [Save]

- For details on each item that can be set see P. 41 “Adding contacts to phonebook”

Using groups

1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Group]

2 Use groups



- 1 Account**
- 2 Group icon**
- 3 Group name**
- 4 Add group**
 - Add a group.
- 5 Groups**
- 6 Number of contacts registered in the group**
- 7 Sort**

● You cannot sort groups other than ones created with a docomo account.

■ Grouping/Ungrouping contacts

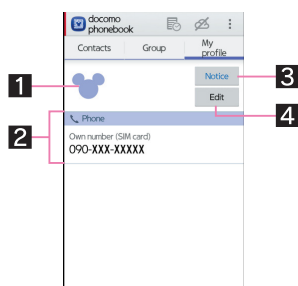
- 1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Group]**
- 2 Select a group ▶ [Delete member]/[Add member]**
- 3 Select names ▶ [OK] ▶ [OK]**

● The group function is available on contacts created with a docomo/Google account etc.

My profile

You can display your phone number registered on the docomo nano UIM card. You can also register your name, mail addresses, etc.

- 1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [My profile]**
- 2 Check/Use the profile**



- 1 Image**
- 2 Registered content**
- 3 Notice**
 - Make settings for Friends notice.
 - Available only when you are using cloud computing.
- 4 Edit**

■ Editing My profile

- 1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [My profile] ▶ [Edit]**
- 2 Set each item ▶ [Save]**

Backing up/Restoring phonebook

You can back up/restore the phonebook by using docomo backup.

- For details on docomo backup P. 67 "Backing up to/Restoring from a microSD Card"

Mail/Web Browser

You can send and receive messages using docomo mail, SMS, Gmail, etc., and display websites using Chrome.

docomo mail

You can send and receive mails using mail address of DOCOMO (@docomo.ne.jp). Pictograms and Deco-mail are available. Automatic reception is also supported. Mails can be easily transferred when you have lost the handset or changed models since sent and received mails are saved on the docomo mail server. Moreover, you can use the mailing function on PCs, tablets, etc. if you use a docomo ID.

- For details on docomo mail, refer to the DOCOMO website.

1 In the home screen, display the Apps Sheet ▶ [docomo mail]

- Follow the instructions on the screen and operate after this step.

SMS

You can send and receive text messages with mobile phone numbers serving as destinations.

- ※ For details on the number of characters which can be sent and received etc., refer to “Short Message Service (SMS)” on the DOCOMO website.
- You can also exchange messages with those who use network of overseas network operators. Refer to “Mobile Phone User’s Guide [International Services]” or the DOCOMO International Services website for information on countries where this service is available and available overseas network operators.

1 In the home screen, display the Apps Sheet ▶ [Messaging]

2 [≡] ▶ enter the destination and message ▶ [➤]

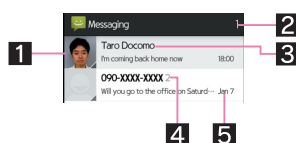
- You can switch Default SMS app to Hangouts (P. 73 “More”).
- If destinations are devices owned by those who use network of overseas network operators, enter “+”, the country code and the recipient’s mobile phone number. If the phone number begins with “0”, omit the first “0”. Alternatively, enter “010”, the country code and the phone number.
- Half-width katakana and special symbols in SMS messages may not appear correctly for recipient.
- SMS cannot be sent when “186” or “184” is added.

Displaying message

1 In the home screen, display the Apps Sheet ▶ [Messaging]

2 Select a thread

- Messages are grouped into threads according to their destinations/senders and displayed.



1 Image

- Displayed if an image of the other party is registered in the phonebook. Touch to select and use an app supporting the registered content of the phonebook. If the person is not registered in the phonebook, you can register the person in the phonebook after touching it.

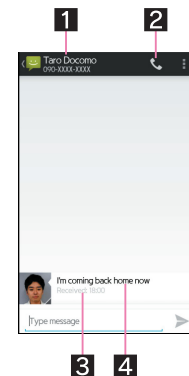
2 Number of unread messages

3 Destination/Sender

4 Number of messages in thread

5 Date and time of the message exchange

3 Check the message



1 Destination/Sender

2 Phone call

3 Date and time of the message exchange

4 Message

Replying message

1 In the home screen, display the Apps Sheet ▶ [Messaging]

2 Select a thread

3 Enter the message ▶ [➤]

Forwarding message

1 In the home screen, display the Apps Sheet ▶ [Messaging]

2 Select a thread

3 Touch and hold a message ▶ [Forward] ▶ enter the destination and message ▶ [➤]

Deleting message

1 In the home screen, display the Apps Sheet ▶ [Messaging]

2 Select a thread

3 Touch and hold a message ▶ [Delete] ▶ [Delete]

Deleting thread

1 In the home screen, display the Apps Sheet ▶ [Messaging]

- To delete all threads: [≡] ▶ [Delete all threads] ▶ [Delete]

2 Touch and hold a thread ▶ [🗑️] ▶ [Delete]

Setting Messaging

1 In the home screen, display the Apps Sheet ▶

[Messaging]

2 [≡] ▶ [Settings]

3 Select an item

- **SMS Enabled:** Set an app to send and receive SMSs with.
- **Delete old messages:** When the number of saved messages reaches its limit, messages are automatically deleted from the oldest one.
- **Text message limit:** Set the number of messages to be saved by thread.
- **Delivery reports:** Notify you that sent messages have been received every time a message is received.
- **Manage SIM card messages:** Manage messages saved on the docomo nano UIM card.
- **Notifications:** Notify you that messages have been received on the status bar.
- **Sound:** Set the ringtone to be rung when a message is received.
- **Vibrate:** Set the vibrator to be activated when a message is received.

[Delivery reports]

- When you send a message to mobile phones of other carriers, the notification for confirming that it has been received may not be sent to you.

Email

You can send and receive mails by setting up a mail account provided by a service provider.

- Set up an account in advance (P. 24 “Setting up mail account”).

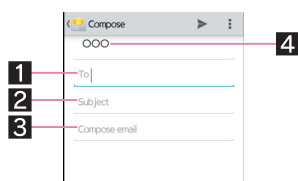
1 In the home screen, display the Apps Sheet ▶

[Email]

2 [✉] +

3 Compose a mail

- To attach a file: [≡] ▶ [Attach file] ▶ select a file



1 Destination

- When you enter part of a mail address or a name registered in the phonebook, destination candidates are displayed.

2 Subject

3 Message

4 Account

- If you set up multiple accounts, you can switch accounts.

4 [➤]

- Some receiving side models may not be able to receive the subject completely.
- Mails sent from a Gmail account are treated as ones from a PC. When receiving side models set PC-mail rejection, mails cannot be sent.
- Mails that could not be sent for any reason will be saved in the Unsent folder as unsent mails.

- Depending on the signal status etc., characters may not appear correctly on the screen of the other party's device.

Attaching file

- Files of up to approximately 5 MB can be attached. There are no limits to the number of files to be attached.
- Depending on the receiving side device, files may not be received or correctly displayed/played. Also, the quality of videos may deteriorate or videos may be converted to continuous still pictures.

Displaying mail

- The screen may appear different depending on the account to use.

1 In the home screen, display the Apps Sheet ▶

[Email]

2 Select a mail



1 Folder name/Account name being displayed

- Touch to switch folders and accounts.

2 Mails

- The background color of a read mail turns gray.
- Touch images to checkmark the mails and you can set them to be deleted/unread/read etc. collectively.

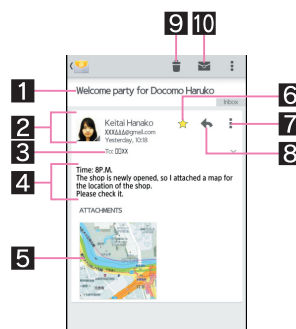
3 Star icon

- Use it as a mark indicating that the mail is special or supposed to be dealt with later.
- You can check starred mails in the Starred folder.

4 Newly compose mail

5 Mail search

3 Check the mail



1 Subject

2 Sender/Date and time of reception

- If the sender is registered in the phonebook, available apps supporting the registered content of the phonebook are displayed after touching the image. If the person is not registered in the phonebook, you can register the person in the phonebook after touching the image.

3 Destination

- Touch to display the details.

4 Message

5 Attached file

6 Star icon

- Use it as a mark indicating that the mail is special or supposed to be dealt with later.
- You can check starred mails in the Starred folder.

7 Reply all/Forward

8 Reply

9 Delete

10 Unread

Replying/Forwarding mail

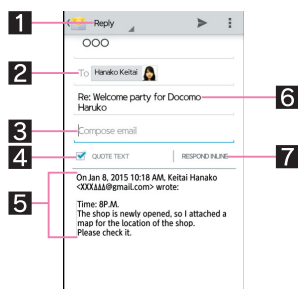
1 In the home screen, display the Apps Sheet ▶ [Email]

2 Select a mail

3 [↩]

- To reply to all: [⋮] of the sender ▶ [Reply all]
- To forward: [⋮] of the sender ▶ [Forward]

4 Compose a mail



1 Reply type

- Touch to switch Reply/Reply all/Forward.

2 Destination

3 Message

4 Quote text

- Touch to display/hide the mail of the sender.
- You cannot operate it when forwarding mails.

5 Mail of sender

6 Subject

7 Respond inline

- Enter the mail of the sender in the message.

5 [➤]

Deleting mail

1 In the home screen, display the Apps Sheet ▶ [Email]

- To delete selected mails: Touch the images of mails ▶ [🗑] ▶ [OK]

2 Select a mail

3 [🗑] ▶ [OK]

Setting Email

1 In the home screen, display the Apps Sheet ▶ [Email] ▶ [⋮] ▶ [Settings]

2 Select an item

- **General settings:** Make settings for the whole Email.
- **Privacy policy:** Check the privacy policy.
- Select an account to make settings for the details on the account such as Signature and Email notifications.
- Touch [ADD ACCOUNT] to add an account.

Gmail

Gmail is a mail service provided by Google.

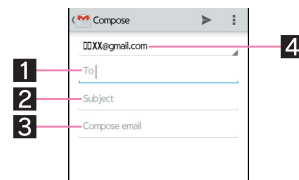
- Set up a Google account in advance (P. 24 “Setting up Google account etc.”).

1 In the home screen, display the Apps Sheet ▶ [Gmail]

2 [✉]

3 Compose a mail

- To attach a file: [📎] ▶ [Attach file] ▶ select a file



1 Destination

- When you enter part of a mail address or a name registered in the phonebook, destination candidates are displayed.

2 Subject

3 Message

4 Account

- If you set up multiple accounts, you can switch accounts.

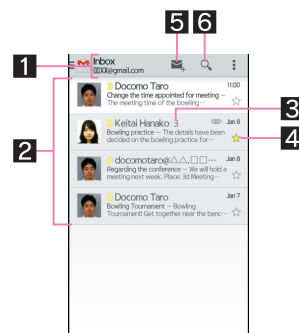
4 [➤]

Displaying mail

1 In the home screen, display the Apps Sheet ▶ [Gmail]

2 Select a thread

- In Gmail, mails are grouped into threads by reply and displayed. If new mails are replied ones of an existing mail, they are grouped into the same thread. A new thread is created for newly composed mails or mails whose subjects have been changed.



1 Label name/Account name being displayed

- Touch to switch displaying types and accounts.

2 Threads

- The background color of a thread turns gray when all mails in it are read.
- Touch images to checkmark the threads and you can set them to be archived/deleted/unread/read etc. collectively.

3 Number of mails in thread

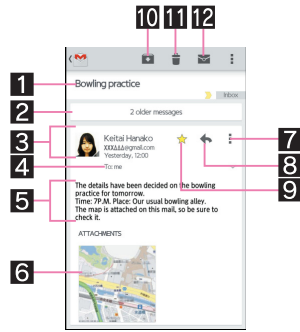
4 Star icon

- Use it as a mark indicating that the mail is special or supposed to be dealt with later.
- You can check starred mails in the Starred folder.

5 Newly compose mail

6 Mail search

3 Check the mail



- 1 Subject**
- 2 Older messages**
 - Touch to display mails you have sent and received previously.
- 3 Sender/Date and time of reception**
 - Touch to switch detailed display/simplified display.
 - If the sender is registered in the phonebook, available apps supporting the registered content of the phonebook are displayed after touching the image.
- 4 Destination**
 - Touch to display the details.
- 5 Message**
- 6 Attached file**
- 7 Reply all/Forward/Print**
- 8 Reply**
- 9 Star icon**
 - Use it as a mark indicating that the mail is special or supposed to be dealt with later.
 - You can check starred mails in the Starred folder.
- 10 Archive**
- 11 Delete**
- 12 Unread**

Replying/Forwarding mail

- 1 In the home screen, display the Apps Sheet ▶ [Gmail]**
- 2 Select a thread**
- 3 [↩]**
 - To reply to all: [≡] of the sender ▶ [Reply all]
 - To forward: [≡] of the sender ▶ [Forward]
- 4 Compose a mail**



- 1 Reply type**
 - Touch to switch Reply/Reply all/Forward.
- 2 Destination**
- 3 Message**
- 4 Quote text**
 - Touch to display/hide the mail of the sender.
 - You cannot operate it when forwarding mails.

5 Mail of sender

6 Subject

7 Respond inline

- Enter the mail of the sender in the message.

5 [➤]

Deleting thread

- 1 In the home screen, display the Apps Sheet ▶ [Gmail]**
 - To delete selected threads: Touch the images of threads ▶ [🗑]
- 2 Select a thread**
- 3 [🗑]**

Setting Gmail

- 1 In the home screen, display the Apps Sheet ▶ [Gmail] ▶ [⚙] ▶ [SETTINGS]**
- 2 Select an item**
 - **General settings:** Make settings for the whole Gmail.
 - **About Gmail:** Display the Gmail version.
 - Select an account to make settings for the details on the account such as Notifications and Signature.

Early Warning “Area Mail”

Area Mail is an app to receive Early Warning “Area Mail” and check the received Area Mail.

- Area Mail is a service which enables you to receive earthquake early warnings etc. sent from the Japan Meteorological Agency.
- When an Area Mail is sent to you, it is automatically received and the contents of it are displayed whether or not the display is turned on or whether or not Screen lock is set.
- Area Mail may not be received or automatically displayed depending on the condition of the handset.
 - In the following cases, you cannot receive Area Mail.
 - During a call*
 - While the power is turned off
 - While outside the service area
 - During international roaming
 - In Airplane mode
 - * Voice calls in VoLTE can be received.
 - In the following cases, you may not be able to receive Area Mail.
 - During packet communication
 - During Wi-Fi tethering
 - During USB tethering
 - During software update
 - During Android version upgrade
 - In the following cases, you can receive Area Mail but it may not be automatically displayed.
 - During packet communication
 - During software update
 - During Android version upgrade
- Area Mail is a free service that does not require a subscription.

1 Automatically receive an Area Mail

2 When the Area Mail is received, the special buzzer or special ringtone sounds and its message is displayed

■ Checking received Area Mail later

1 Drag the status bar down ▶ select the received Area Mail

- Alternatively, in the home screen, display the Apps Sheet ▶ [Disaster kit] ▶ [Early Warning “Area Mail”] to check received Area Mail.
- When the confirmation screen for use appears, check the content and select [Agree].

- You can receive Area Mail without subscription to sp-mode.
- You cannot receive the Area Mail that failed to be received again.
- You can save up to 50 Area Mails.
- If the number of Area Mails saved on the handset memory exceeds the maximum number to be saved, they are deleted from the oldest one.

Deleting Early Warning “Area Mail”

1 In the home screen, display the Apps Sheet ▶ [Disaster kit] ▶ [Early Warning “Area Mail”]

2 Select a mail

- To select all Area Mails: [Select all]

3 [Delete] ▶ [OK]

Setting Early Warning “Area Mail”

Whether to receive Area Mail, operations for when receiving Area Mail, etc. can be set.

1 In the home screen, display the Apps Sheet ▶ [Disaster kit] ▶ [Early Warning “Area Mail”]

2 [≡] ▶ [Settings] ▶ select an item

- **Receive setting**: Set whether to receive Area Mail.
- **Beep tone**: Make settings for the ring duration and operations in the manner mode.
- **Check screen image and beep tone**: Confirm the reception screen and the ringtone for earthquake early warning, tsunami warning, and disaster and evacuation information.

- Settings of the earthquake early warning buzzer, ringtone dedicated to tsunami warning, and disaster and evacuation information, ringtone volume and vibrator cannot be changed.

Chrome

You can display websites via packet communication or Wi-Fi function.

Displaying websites

1 In the home screen, display the Apps Sheet ▶ [Chrome]

- Some websites may not appear properly.

■ Searching websites

1 Touch the URL entry field



2 Enter a keyword

- Keywords that include the entered characters are displayed as a list.

3 Select a keyword

- Alternatively, enter the entire keyword and [Go] to search websites.
- To reload the page: In the Chrome screen, [≡] ▶ [C]

■ Opening new tabs

1 In the Chrome screen, [≡] ▶ [New tab]

■ Switching tabs

1 In the Chrome screen, [2]

2 Select a tab

■ Closing tabs

1 In the Chrome screen, [2] ▶ [X]

■ Opening incognito tabs

You can display websites without your browsing history and search history being recorded.

1 In the Chrome screen, [≡] ▶ [New incognito tab]

- When you display websites on an incognito tab, the surrounding area of the URL entry field is displayed in gray.

2 Touch the URL entry field ▶ enter a keyword ▶ [Go]

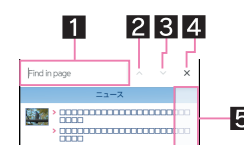
- To close the incognito tab: In the Chrome screen, [□] ▶ [X]

- The history of websites opened on incognito tabs is not recorded. Also, if you close all incognito tabs, information such as Cookie is deleted. Downloaded files and bookmarked websites can be saved on incognito tabs, too.

■ Searching characters in the page

1 In the Chrome screen, [≡] ▶ [Find in page]

2 Search



1 Keyword entry field

- Enter the keyword to search with.

2 Previous

3 Next

4 End search

5 Search results bar

- Move to the search result at the touched position.

■ Copying characters

1 In the Chrome screen, touch and hold characters to copy

2 Drag your finger from the start position to the end position

- To change the copy range: Drag [↔]/[↔]

3 [📋]

■ Convenient functions

You can display a link with a new tab or download data such as images.

1 In the Chrome screen, touch and hold a link/an image

2 Select a function to use

Setting Chrome

1 In the Chrome screen, [☰] ▶ [Settings]

2 Select an item

- **Sign in to Chrome**: Sign in to Chrome with your Google account. You can synchronize information such as tabs, bookmarks and history saved when you used Chrome with the same account.
- **Search engine**: Set a search engine to use when searching in the URL entry field.
- **Autofill forms**: Set information on your profile or credit card to use when automatically filling out forms.
- **Save passwords**: Make settings for saving passwords.
- **Home page**: Set a home page.
- **Privacy**: Make settings for the functions that use your browsing information to improve user-friendliness.
- **Accessibility**: Make settings for the display such as font size and zoom.
- **Content settings**: Make settings for the type of content that websites can display and the information that they can use to improve user-friendliness.
- **Bandwidth management**: Make settings for preloading websites.
- **About Chrome**: Check information on Chrome.

Using bookmark and history

■ Saving bookmarks

1 In the Chrome screen, [☰] ▶ [☆]

2 [Save]

■ Displaying websites from bookmarks

1 In the Chrome screen, [☰] ▶ [Bookmarks]

2 Select a bookmark

■ Displaying websites from history

1 In the Chrome screen, [☰] ▶ [History]

2 Select a history item

Apps

dmenu

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

1 In the home screen, display the Apps Sheet ▶ [dmenu]

- Internet connection via packet communication (LTE/3G/GPRS) or Wi-Fi is required to use dmenu.
- Packet communication charge is incurred separately for connecting to dmenu and downloading apps introduced on dmenu. Some downloaded apps automatically perform packet communication.
- Apps introduced on dmenu include charged ones.

dmarket

An app which handles various products such as music and books and enables you to purchase ones that satisfy your needs.

1 In the home screen, display the Apps Sheet ▶ [dmarket]

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

Disney Market

In Disney Market, you can obtain various contents such as “Disney apps” and Deco-mail pictogram for free and view information recommended by Disney.

- When you update Disney Market, enable [Unknown sources] in advance (☎ P. 73 “Lock & security”).

1 In the home screen, display the Apps Sheet ▶ [Disneyマーケット] (Disney Market)

- Follow the instructions on the screen and operate after this step.

- Contents provided in Disney Market are service provided by The Walt Disney Company (Japan) Ltd.
- Subscription to sp-mode is required to use Disney Market.
- Packet communication charges are incurred separately.
- If you subscribe charged mobile services on a monthly basis such as Disney official mobile website or smartphone contents provided by Disney, you are charged separately unless you cancel the subscription by yourself. To cancel, in the home screen, display the Apps Sheet ▶ [Disneyマーケット] (Disney Market) ▶ [≡] ▶ [マイページ] (My page) ▶ [マイメニュー] (My menu) ▶ [退会] (Cancel) and follow the instructions on the screen and operate.
- Charges may be incurred for using part of options for games in some apps.
- Subscription to the membership of Disney Market is required to use apps provided by Disney (including pre-installed apps).

■ Signing up for Disney Market and inquiring about Disney apps or content

- Disney Internet Service Customer Center: 0570-00-1937
- Business hours: 10:00 to 17:00 (Monday through Friday excluding national holidays, new years holidays)

※ Contact 045-522-1098 from a PHS/part of IP phones/outside of Japan or refer to (<http://disney.jp/dmd/faq/>) (in Japanese only).

Play Store

By using Google Play, you can download and install useful apps or fun games to the handset.

- Set up a Google account in advance (☎ P. 24 “Setting up Google account etc.”).

1 In the home screen, display the Apps Sheet ▶ [Play Store]

- To display help: [≡] [?] ▶ [HELP]

- Be sure to check the security of app, then install it at your own risk. The handset may be infected with a virus, data may be damaged, etc.
- Note that DOCOMO shall not be liable for malfunctions caused by the app etc. you installed.
- Note that DOCOMO shall not be liable for any disadvantage brought to you or any third party due to the app etc. you installed.

Purchasing apps

1 In the Google Play screen, select an app to purchase

2 Touch the price

- Follow the instructions on the screen and operate after this step.
- When the app is free: [INSTALL]
- If you make a purchase for the first time, select a payment method. You may need to sign in to your Google Wallet account depending on the payment method.
- You can ask for a refund within a specified time after purchasing an app. The app is deleted and you are not charged. In addition, note that a refund request is available for each app only once. If you requested a refund for a purchased app in the past and purchase the same app again, a second refund request is not available. In the Google Play screen, [≡] [?] ▶ [HELP] for details on the payment method when purchasing an app, the terms on refund requests, etc.

- Once you accept installation of an app, you are responsible for the results of using the app. Be very cautious about installation of apps that access many functions or a significant amount of data.
- Some downloaded apps automatically perform packet communication. Note that the packet communication charges may be higher.
- You need to pay for an app only once. Re-downloading apps which you previously uninstalled after first downloading will not be charged.
- If you have multiple Android devices that use the same Google account, you can download a purchased app to all of them at no additional cost.
- Note that DOCOMO provides no assistance for purchase of apps, refund, etc. from Google Play.

■ Uninstalling apps

1 In the Google Play screen, [≡] [?] ▶ [My apps]

2 Select an app to uninstall ▶ [UNINSTALL] ▶ [OK]

Osaifu-Keitai

Osaifu-Keitai is a function for using “Osaifu-Keitai compatible services” which enable you to pay, use the handset as coupons, etc. by simply holding it over scanning devices at stores etc. and using “Kazashite-Link compatible services” which enable you to access information by holding the handset over home electric appliances, smart posters, etc. You can save electronic money, points, etc. on the IC card or docomo nano UIM card.

In addition, you can deposit electronic money, check the balance and the remaining points, etc. while you can lock Osaifu-Keitai functions in case of theft or loss.

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

※ To use Osaifu-Keitai compatible services, settings are necessary on a website or an app.

Using Osaifu-Keitai compatible handset

- The handset malfunctions may cause data on the IC card^{*1} and data on the docomo nano UIM card^{*2} to be lost or changed (Note that as a rule, you will be asked to delete data when leaving your handset for repairs etc., since we cannot keep your handset with such data still remaining in it). For the service such as a reissue, restoration, temporary keeping or transference of the data, contact a provider of the Osaifu-Keitai compatible service you use. Be sure to use the Osaifu-Keitai compatible service including a backup service for important data.
- DOCOMO shall not be liable for any loss or change of data on the IC card and data on the docomo nano UIM card or other damages related to Osaifu-Keitai compatible services caused by any reason such as malfunctions and model changes.
- When the handset is stolen or lost, immediately contact a provider of the Osaifu-Keitai compatible service you use for handling methods.

*1 The data saved on the built-in IC card of the Osaifu-Keitai compatible handset

*2 The data saved on the docomo nano UIM card

Using “Osaifu-Keitai compatible services”

- To use Osaifu-Keitai compatible services, download the Osaifu-Keitai compatible app from Osaifu-Keitai compatible websites and make the setting. Some services do not require the download of the Osaifu-Keitai compatible app.

1 In the home screen, display the Apps Sheet ▶ [Osaifu-Keitai]

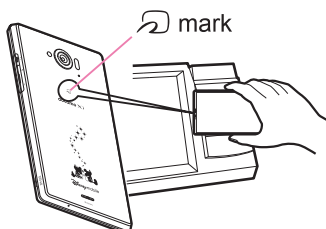
- If the initial settings are not completed, the initial settings screen appears. Follow the instructions on the screen and operate.

2 Select a service

- Make settings on the website of the service or after downloading the app compatible with the service.

3 Hold the mark of the handset over the scanning device

- The handset starts communication with the scanning device.



- You cannot use Osaifu-Keitai compatible services in the following situations. However, you can pay by holding the handset over a scanning device.
 - In Airplane mode
 - When you are charging the handset, connecting Micro USB Cable 01 (sold separately) to it or connecting an earphone/microphone to it while the docomo nano UIM card is not inserted/when the handset has never received radio wave
- Osaifu-Keitai compatible services are available even if you cannot unlock the PIN code of the docomo nano UIM card or the PIN code is locked.
- If you have not subscribed to sp-mode, you may not be able to use some functions of an Osaifu-Keitai compatible service.

Using “Kazashite-Link compatible services”

- Enable [Reader/Writer, P2P] in advance ( P. 52 “NFC/Osaifu-Keitai settings”).

1 Hold the mark of the handset over a device into which an NFC module is built, smart poster, etc.

Precautions about holding over the other device

- Pay attention to the following points when holding the  mark over the other device such as a scanning device or device into which an NFC module is built.
 - Do not let the handset strongly clashed with the other device but slowly bring the handset close to the other device when holding the  mark over it.
 - Hold the  mark over the center of the other device and in parallel with it. If the other device does not recognize the built-in IC card even when you do so, slightly move the handset away from the other device or move the handset around.
 - The other device may not recognize the built-in IC card if there are metallic objects between the  mark and the other device. Remove the handset from its cover or case if the other device does not recognize the built-in IC card, since equipping the handset with it may influence the communication performance.

NFC/Osaifu-Keitai lock

You can restrict the use of the functions and services of Osaifu-Keitai by setting NFC/Osaifu-Keitai lock.

- NFC/Osaifu-Keitai lock differs from Screen lock of the handset and Set up SIM card lock.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [NFC/Osaifu-Keitai settings] ▶ [NFC/Osaifu-Keitai lock]

- Alternatively, in the home screen, display the Apps Sheet ▶ [Osaifu-Keitai] ▶ [Lock Settings] to set NFC/Osaifu-Keitai lock.

2 Follow the instructions on the screen and enter the NFC/Osaifu-Keitai lock number

- While NFC/Osaifu-Keitai lock is set,  or  is displayed on the status bar.
- When the battery runs out while NFC/Osaifu-Keitai lock is set, NFC/Osaifu-Keitai lock cannot be disabled. Be aware of the battery level. If the battery runs out, disable NFC/Osaifu-Keitai lock after charging the battery.

- To use the menu of Osaifu-Keitai while NFC/Osaifu-Keitai lock is set, disable NFC/Osaifu-Keitai lock.
- The NFC/Osaifu-Keitai lock number is not deleted even if you initialize the handset.
- When disabling NFC/Osaifu-Keitai lock, insert the docomo nano UIM card which had been inserted into the handset when NFC/Osaifu-Keitai lock was set.

NFC/Osaifu-Keitai settings

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [NFC/Osaifu-Keitai settings]

2 Select an item

- **NFC/Osaifu-Keitai lock:** For details P. 51 “NFC/Osaifu-Keitai lock”
- **Reader/Writer, P2P:** Set whether to use the Reader/Writer, P2P function.
- **Android Beam:** Perform data communication using Android Beam.
 - For details on Android Beam P. 83 “Android Beam”
- **NFC Type setting:** Select an NFC type to use from among “FeliCa/Type A/Type B (Standard)”, “FeliCa/Type A” or “FeliCa/Type B”.
- **Lock No. change:** Change the lock number of NFC/Osaifu-Keitai lock.

ToruCa

ToruCa is an app which enables you to store economical coupons of your favorite shops, useful information, etc. in one place. You can retrieve one from websites or scanning devices. Retrieved information for ToruCa can be easily updated to the latest.

For details on ToruCa, refer to the DOCOMO website.

1 In the home screen, display the Apps Sheet ▶ [ToruCa]

- When you use this for the first time, you must agree to “「トルカアプリ」ソフトウェア使用許諾規約” (Software License Agreement for “ToruCa app”).

- Packet communication charges may be incurred for retrieving, displaying or updating ToruCa.
- The following functions may not be available depending on the settings of the content provider.
 - Updating
 - Sharing ToruCa
 - Displaying a map*
 - Retrieving from a scanning device
- * A map may not be displayed from the ToruCa list although it can be from ToruCa (details).
- When NFC/Osaifu-Keitai lock is set, you cannot retrieve ToruCa from a scanning device.
- When 重複チェック設定 (Duple check setting) is set to [ON], you cannot retrieve the duplicate ToruCa. If you want to retrieve it, disable the setting. However, retrieving from websites is an exception.
- When you share ToruCa through mail, it is sent in the status that the ToruCa (details) has not been retrieved.
- ToruCa received through mail may not be saved depending on the mail app to use.
- ToruCa may not be retrieved depending on the web browser to use.

- If the initial settings of Osaifu-Keitai have not been made, ToruCa may not be retrieved from a scanning device.

iD appli

“iD” is electronic money provided by DOCOMO. You can pay easily and conveniently by holding an Osaifu-Keitai in which “iD” is set over scanning devices at stores. Two types of card information can be registered and you can switch them according to the benefits etc.

- For using iD with Osaifu-Keitai, setting of iD appli is required.
- Expense (annual fee etc.) for using iD service may vary depending on the credit card company.
- For setting and checking iD appli overseas, packet communication charges differ from those in Japan.
- For information on iD, refer to iD website.
<http://id-credit.com/> (in Japanese only)

Mobacas/TV (Full-Seg/1Seg)

■ Mobacas

Mobacas is a broadcasting service for smartphones. You can use two watching styles. One of the two is “Real Time” (broadcasting in real time style) that allows you to watch programs in real time. The other one is “Shift Time” (broadcasting in storage style) that allows you to enjoy comics, novels, music, games, etc. as well as movies and dramas anytime and anywhere. Also, you can enjoy new broadcasting services such as the collaboration with social services using the communication function of the handset.

For details on Mobacas, refer to the Mobacas broadcast station (NOTTV) website.

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

Using Mobacas

- A separate pay-TV subscription to the Mobacas broadcast station (NOTTV) is required to use Mobacas.
- You cannot receive and watch broadcasts without the docomo nano UIM card being inserted to the handset.
- Mobacas is a broadcasting service provided in Japan.
- Available space on a microSD Card or the handset memory is required to use Shift Time or record videos. It is recommended to use a microSD Card on Class 4 or higher level. Also, you can set the save destination (P. 54 “Advanced settings of Mobacas”).

■ TV (Full-Seg/1Seg)

TV is an app with which you can watch either Full-Seg or 1Seg by switching them according to the reception status of broadcast wave. In addition, it can receive data broadcasting with image and audio, and an interactive service adopting a communication function for mobile devices and detailed information available via communication can also be used.

Full-Seg enables you to watch a terrestrial digital TV broadcasting service with HD image quality.

1Seg enables you to watch a terrestrial digital TV broadcasting service for mobile devices.

For details on the “Full-Seg/1Seg” service, see the website below. The Association for Promotion of Digital Broadcasting: <http://www.dpa.or.jp/english/>

Using Full-Seg/1Seg

Full-Seg/1Seg is a service provided by TV broadcasters (broadcast stations) etc. Communication charges are not incurred for receiving image and audio. Contact NHK for details on viewing fees of NHK. Available information in the area of the data broadcasting is “data broadcasting” information and “data broadcasting website” information.

“Data broadcasting” information is carried by broadcast wave together with image and audio. “Data broadcasting website” information is used to access and display websites provided by TV broadcasters (broadcast stations) etc. from the information on data broadcasting.

Packet communication charges are incurred when accessing a website such as a “data broadcasting website”.

Some websites require information charges to use.

Precautions about Full-Seg

- The handset adopts “The Software Based RMP System” to protect the copyrights of terrestrial digital TV broadcasting content. Therefore, a B-CAS card etc. is not necessary.
- Full-Seg programs recorded by the handset cannot be played on other devices.
- For inquiries about “The Software Based RMP System”, contact the RMP Administration Center for Terrestrial Broadcasting Content.
Website: <http://www.trmp.or.jp/>
Mail address: info-trmp-en@trmp.or.jp

Precautions about using Full-Seg data broadcasting

- Note that DOCOMO shall not be liable for damages and disadvantages incurred on the users due to partial or complete changes/losses of information such as personal information and points recorded on the handset by an interactive communication etc. of data broadcasting.
- Accumulated data from data broadcasting may not be transferred in another area even when the data is from data broadcasting of a same program.
- Full-Seg data broadcasting can only be operated by the remote controller or gesture operations.

■ Broadcast wave and service area

The radio wave received via Mobacas/Full-Seg/1Seg differs from that received via Xi services and FOMA services. Also, the radio waves received via Mobacas, Full-Seg and 1Seg differ from one another. Therefore, it cannot be received at a place where the broadcast wave for Mobacas/Full-Seg/1Seg does not reach or while the broadcasting is out of service, regardless of whether the handset is outside or inside the Xi service or FOMA service area. Also, in the following places, the reception status may become weak or the signal may not be received even if the handset is inside the area of a Mobacas broadcasting/terrestrial digital TV broadcasting service.

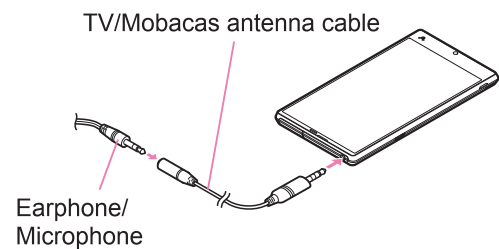
- Place that is far from the base station/radio tower which sends the signal
- Place where the signal is interrupted due to the landscape or buildings such as mountainous areas or behind a building
- Place where the signal is weak or does not reach, such as a tunnel, basement or an inner area of a building

■ TV/Mobacas antenna cable

When you use (watch/record/receive in Shift Time) Mobacas or use (watch/record) TV, connect included TV/Mobacas antenna cable SH01 to the earphone/microphone terminal of the handset.

Using an earphone/microphone

If you want to use an earphone/microphone while using TV/Mobacas antenna cable, connect the handset and a commercially available earphone/microphone with the TV/Mobacas antenna cable.



■ Improving reception status

Change the direction of the TV/Mobacas antenna cable, keep the handset apart from your body or move to another place so that the reception status may become better.

Mobacas

1 In the home screen, display the Apps Sheet ▶ [NOTTV]

- When you activate this app for the first time, initial settings are carried out.
- Check the content of the app license agreement and select [スタート] (Start).

2 [ホーム] (Home)

3 Select a program/content item

4 Watch the program/content item

- When you watch Real Time programs, you can switch programs/content items by sliding the image to the left/right.
- To display in full screen: [画面] / Switch to horizontal display
• The display format of content may differ depending on the program/content item.
- To display data broadcasting: [データ] (Data)
- To display a timeline related to the program/content item: [ソーシャル] (Social)
- To display detailed information: [インフォ] (Information)
- To adjust the volume: [音量] (+) / [音量] (−)

■ Searching from program guide

You can watch Real Time programs using the program guide.

1 In the home screen, display the Apps Sheet ▶ [NOTTV] ▶ [番組表] (Program guide)

- To display the program guide for Shift Time programs: [シフトタイム] (Shift Time)

2 Select a program

- Advanced information appears on the programs which cannot be watched immediately.

■ Searching by specifying conditions

1 In the home screen, display the Apps Sheet ▶ [NOTTV]

2 [検索] ▶ [検索・ジャンル別] (Search/By genre)

3 Select an item

- Alternatively, you can search by entering a keyword in the keyword entry field.

4 Select a program/content item

Receiving reservation in Shift Time

- 1 In the home screen, display the Apps Sheet ▶
[NOTTV] ▶ [番組表] (Program guide)
- 2 [シフトタイム] (Shift Time)
 - The list of programs/content items that will be broadcast is displayed.
- 3 Select a program/content item
 - The details screen is displayed.
- 4 [予約する] (Reserve)

- In the following cases, programs/content items may not be received.
 - When the time for a program/content item to be broadcast arrives with the handset turned off
 - When the battery level is insufficient
 - When the handset is in a poor reception status of broadcast wave such as when it is out of the Mobacas service area
 - When a microSD Card is not inserted
 - When available space on the microSD Card/the handset memory is insufficient
- Programs/Content items temporarily saved on a microSD Card/the handset memory can be watched/used only on the handset being used.
- Programs/Content items whose expiration date has passed will be automatically deleted from the microSD Card/the handset memory. You can also delete programs/content items manually whose expiration date has not passed yet.
- If you enable [自動予約] (Automatically reserve), programs/content items may be automatically reserved even when you have not reserved ones for the future reception. You can also disable [自動予約] (Automatically reserve) (☞ P. 54 “Setting Mobacas”).
- If you set 自動補完 (Automatically complement) to [ON], data may be automatically complemented using packet communication when programs/content items fail to be completely received because of the reception status of broadcast wave etc. You can also set 自動補完 (Automatically complement) to [OFF] (☞ P. 54 “Setting Mobacas”).

Watching/Recording reservation in Real Time

- 1 In the home screen, display the Apps Sheet ▶
[NOTTV] ▶ [番組表] (Program guide)
- 2 Select a program
 - The details screen is displayed.
- 3 [視聴予約する] (Watching reservation)/[録画予約する] (Recording reservation)
 - You can also record a program on air manually.

- In the following cases, programs may not be watched/recorded.
 - When the time for a program to be broadcast arrives with the handset turned off
 - When the battery level is insufficient
 - When the handset is in a poor reception status of broadcast wave such as when it is out of the Mobacas service area
 - When a microSD Card is not inserted
 - When available space on the microSD Card/the handset memory is insufficient
- Programs recorded on a microSD Card/the handset memory can be watched only on the handset being used.

- Some programs cannot be recorded.

Setting Mobacas

- 1 In the home screen, display the Apps Sheet ▶
[NOTTV]
- 2 [≡] ▶ [設定] (Settings)
- 3 Select an item
 - 音声切替 (Switch audio): Make settings for main/sub audio channel.
 - 字幕表示切替 (Display subtitles): Make settings for displaying subtitles.
 - バックグラウンド再生 (Background playback): Set whether to play Mobacas in the background.
 - 自動予約 (Automatically reserve): Set whether to automatically reserve recommended Shift Time.
 - 自動補完 (Automatically complement): Make settings for the function to automatically complement data using packet communication when the data has failed to be completely received.
 - 番組表情報自動取得 (Automatically acquire information on program guide): Set the time when information of the program guide/content list is automatically acquired.
 - 放送中番組の表示 (Display programs on air): Set whether to display notification icons for programs on air on the status bar.
 - 新着情報の通知 (Notify new information): Set whether to display notification icons for Shift Time or recording on the status bar.
 - お知らせ情報の通知 (Notify information of notifications): Set whether to display notification icons for notifications from NOTTV on the status bar.
 - 視聴年齢制限 (Restrict watching age): Set whether to make programs with watching age restriction unavailable.
 - 年齢設定 (Set age): Set at what age watching restriction starts to be applied.
 - パスワード変更 (Change passwords): Set a parental control password.
 - Twitter連携解除 (Disable linkage to Twitter): Disable the linkage to Twitter.
 - 詳細設定 (Advanced settings): Make settings for detailed items. For details on 詳細設定 (Advanced settings) ☞ P. 54 “Advanced settings of Mobacas”

Advanced settings of Mobacas

- 1 In the home screen, display the Apps Sheet ▶
[NOTTV]
- 2 [≡] ▶ [設定] (Settings) ▶ [詳細設定] (Advanced settings)
- 3 Select an item
 - 重複録画防止 (Prevent simultaneous recording): Set whether to prevent simultaneous recording of a same program from being carried out when you reserve programs by specifying series or keywords.
 - 重複録画削除サポート (Support deletion of simultaneous recording): Check whether a same program has not been recorded simultaneously when you delete from the recorded programs list.
 - ロック画面通知 (Notify on lock screen): Set whether to notify you when a recording starts.
 - ストレージ選択 (Select storage): Set a save destination for Shift Time, recording, etc.
 - ログ送信 (Send log): Set whether to send logs of using apps.
 - 文字スーパー (Telop): Set whether to display telops.

- **Cookie**: Set whether to save Cookie.
- **Cookieを削除** (Delete Cookie): Delete Cookie.
- **放送用保存領域消去** (Delete memory space for broadcasting): Delete data on the memory space for broadcasting.
- **データ放送表示** (Display data broadcasting): Set whether to display data broadcasting.
- **再読み込み** (Reload): Reload Mobacas.
- **文字コード変換** (Convert character code): Convert character codes.

[ストレージ選択] (Select storage)

- When you change the settings, the data is transferred.

[文字スーパー] (Telop)

- Even if [文字スーパー] (Telop) is disabled, telops may be displayed.

TV (Full-Seg/1Seg)

■ Creating channel lists

To watch TV, you need to create one or more channel lists and select one in advance.

- You can register up to three channel lists. You can register up to 12 stations in a channel list.
- Create channel lists inside the area of a terrestrial digital TV broadcasting service and after connecting the TV/Mobacas antenna cable.

1 In the home screen, display the Apps Sheet [TV]

- If the confirmation screen for the license agreement is displayed, check the content and select [Agree].
- Only when channels are not set, the channel list creating screen appears.
- To add a channel list: In the TV watching screen, [≡] ▶ [Channel settings] ▶ [Edit channel list] ▶ [NEW]

2 Select an item

- **Create by selecting the area**: Search for broadcast stations set in each area.
- **Create by searching channels**: Search for channels available in the present location.

3 [SET]

- You cannot watch TV overseas, since the broadcasting format and the broadcasting frequency are different.

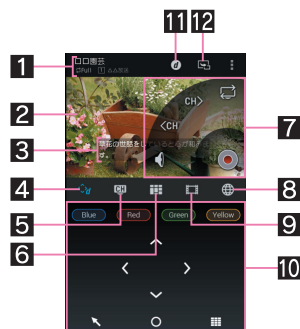
■ Watching TV

Watch TV.

1 In the home screen, display the Apps Sheet [TV]

2 Watch TV

- To adjust the volume: [🔊(+)]/[🔊(-)]



TV watching screen (Full-Seg vertical display)



TV watching screen (Full-Seg horizontal display)

1 Program information

- The program name, whether you are watching Full-Seg or 1Seg and broadcast station name are displayed.

2 Image

- Touch it to display/hide the controller etc.
- Flick your finger to the left/right to select a station with UP/DOWN.

3 Subtitle

4 Remote controller

- Display the remote controller.
- The following operations are available with displayed keys.
 - To select an item: [Blue]/[Red]/[Green]/[Yellow]
 - To return to the previous page: [⏮]
 - To select an item to which the cursor is pointed: [⏪]
 - To use the numeric keypad: [1234567890]
 - To display Gesture operation guide: [Guide]*

* Displayed only on horizontal display.

5 Channel switching key

- Display the channel switching screen.

6 Program list key

- Display the program list of the broadcast station whose program you are watching.
 - Touch a program to display the program details screen. Recording/Watching reservation is also available in the program details screen.

7 Controller

- The following operations are available with displayed keys.
 - To switch to 1Seg/Full-Seg: [1/2]
 - To select a station with UP/DOWN: [CH>]/[<CH]*1
 - To enable or disable the mute setting: [🔊]/[🔇]*2
 - To start/stop recording: [📺]/[📺]

*1 Touch and hold the key to select a station by searching a frequency.

*2 Touch and hold the key to display the volume bar. Drag it to adjust the volume.

8 Website key

- Display websites. You can search for the program being watched while a website is being displayed or you can bookmark websites.

9 Recorded file list key

- Display the recorded file list.

10 Information displaying area

11 Data broadcasting key

- Display data broadcasting.

12 Mini TV

- Switch to the mini TV. You can watch TV while using another app (P. 32 "Mini app/Widget").

- While watching TV, colors in the screen may appear different.
- Even if the home screen is displayed while activating TV, information of data broadcasting/data broadcasting websites may be automatically updated, since TV is kept activated. Note that packet communication charges may be incurred.
- If you receive a call while watching TV, TV will resume after the call is terminated. While recording TV, recording continues in the background.

- When you play videos with another app while the mini TV is being used, videos may not be displayed properly.

Recording of TV (Full-Seg/1Seg)

You can record TV and save the recorded programs on the handset memory or a microSD Card.

- Record TV in a good reception status.
- You can set where to save recorded Full-Seg (P. 57 "Setting TV (Full-Seg/1Seg)"). 1Seg can be saved only on the handset memory.

Estimated number of savable videos and recording time

Save destination	Number of savable videos	Recording time
Handset memory	Up to 99*	Full-Seg: Up to approx. 210 min 1Seg: Up to approx. 7,500 min
microSD Card (128 GB)	Up to 99	Full-Seg: Up to approx. 1,000 min

- * This is the respective number of Full-Seg and 1Seg videos.
- The followings are the maximum recording size/time for each recording. Even if the available space on the handset memory or a microSD Card is sufficient, the video being recorded up to that point is saved and recording ends once the maximum recording size/time is reached.
 - Full-Seg recording: Up to approx. 128 GB/Up to approx. 1,000 min
 - 1Seg recording: Up to approx. 2 GB/Up to approx. 600 min
 - When you run out of available space on the handset memory or a microSD Card, recording automatically ends, and the video being recorded up to that point is saved.

1 In the TV watching screen, [⊙]

2 Select a recording time

- When the set recording time has passed, recording ends and the video is automatically saved.
- To end recording: [⊙] ▶ [OK]
 - The video is automatically saved.

- Recording of some programs may be prohibited.
- When the time set for recording arrives while another TV is being recorded, the recording of the latest timer-set program starts. The recording in progress up to that point ends, and the recorded program is saved.

Playing recorded video of TV (Full-Seg/1Seg)

Play a recorded video saved on the handset memory or a microSD Card.

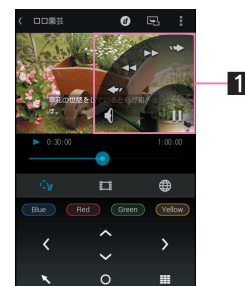
- Basic operations in video playback screen are the same as those in TV watching screen. Operations that differ are explained here.

1 In the TV watching screen, [⌂]

2 Select a video

- To delete a recorded video: Touch and hold a video ▶ [🗑️] ▶ [OK]

3 Watch the video



1 Controller

- The following operations are available with displayed keys.
 - To pause/play: [⏸]/[▶]
 - To fast reverse/forward: [⏮]/[⏭]*1
 - To return to a location of approx. 5 seconds ago/skip to a location of approx. 15 seconds later: [⏪]/[⏩]*2
 - To enable or disable the mute setting: [🔊]/[🔇]*2
 - To play from the beginning: [⏮]*3
- *1 Every time you touch it, the playback speed is switched.
- *2 Touch and hold the key to display the volume bar. Drag it to adjust the volume.
- *3 Displayed when the playback is finished.

- When a video edited (split) by other devices etc. is played, the image or audio may be interrupted.
- When a Full-Seg video recorded on a microSDHC Card with the handset is played, the image or audio may be interrupted. When you record a Full-Seg video, it is recommended to use a microSDXC Card.
- While a video is being played, recorded data broadcasting can also be displayed. As for Full-Seg, you can set whether to record data broadcasting in [Record Full-Seg data broadcast] of Recording setting.

TV link

You can register memo information and URLs of related websites as TV link in some data broadcasting. If they are registered as TV link, you can check them from the TV link screen.

- You can register up to 50 TV links.
- Procedures for registering TV links may differ depending on the program.

1 In the TV watching screen, [≡] ▶ [TV Links]

- Display the registered TV links.

2 Select a TV link

Deleting TV links

1 In the TV watching screen, [≡] ▶ [TV Links]

2 Touch and hold a TV link ▶ [🗑️] ▶ [OK]

Recording/Watching reservation of TV (Full-Seg/1Seg)

You can set a timer for watching or recording TV. In addition, you can check the reservation status, result, etc.

- Record TV in a good reception status.
- You can save up to 30 timer settings for watching and recording TV.

- Multiple programs cannot be watched/recorded simultaneously. If the reservation period you are about to set overlaps with that of an existing timer-set program, a confirmation screen for registration appears. Check the content of the message, and then perform registration.

1 In the TV watching screen, [≡] ▶ [Timer]

- To delete a reservation: Select a reservation ▶ [⏏] ▶ [OK]
- To display the reservation result list: [Timer] ▶ [Results of timer]

2 [NEW TIMER] ▶ [Set a timer manually]

- To reserve from the program guide: [NEW TIMER] ▶ [Set a timer from G-GUIDE] ▶ reserve

3 Set each item



1 Timer type

- Switch timer types.

2 Title

- Enter a title.

3 Station

- Set a broadcast station.

4 Start date

- Set the start date.

5 Start time

- Set the start time.

6 Repeat

- Make settings for the repetition of the reservation.

7 End time

- Set the end time.

4 [SET]

- Depending on usage of the handset, available space on the handset memory or a microSD Card, the program type, etc., you may not be able to watch/record the program or recording may end even if it is not finished yet.

Setting TV (Full-Seg/1Seg)

You can make settings for data broadcasting, auto exit time of TV, etc.

1 In the TV watching screen, [≡] ▶ [General settings]

- **Controller display position**: Set the controller to be displayed on the left/right side.
- **One-Seg/Full-Seg reception setting**: Set how to receive 1Seg/Full-Seg.
- **Text superimpose display**: Make settings for telops.
- **Audio settings**: Make settings for the sound quality.
- **Data broadcasting settings**: Make settings for data broadcasting.
- **Alarm settings**: Make settings for the alarm activated when a reserved program starts.
- **TV off timer**: Set how long TV will remain activated before it automatically ends.
- **Web browser settings**: Make settings for the web browser.

- **Recording setting**: Set where to save recorded Full-Seg or whether to record data broadcasting at the same time when recording Full-Seg.
- **Initialize CAS information**: Reset information saved when receiving Full-Seg.
- **Product information**: Confirm the version of this app.

[Data broadcasting settings]

- When [Confirmation] is disabled, the confirmation screen for data broadcasting does not appear and information of data broadcasting/data broadcasting websites may be automatically updated. Note that packet communication charges may be incurred.

[TV off timer]

- When the set time arrives while you are recording TV, the confirmation screen for ending the recording is displayed.

Video/Audio/Subtitles settings

You can set subtitles to be displayed or change spoken language while watching TV.

- Some functions may not be available depending on the program.

1 In the TV watching screen, [≡] ▶ [Video/Audio/Subtitles]

2 Select an item

- **Switch videos**: Switch images.
- **Switch audio**: Set spoken language.
- **Switch sound-multiplex**: Make settings for main/sub audio channel.
- **Switch subtitles**: Make settings for subtitles to display.

SH Camera

You can shoot still pictures and videos. Also, you can switch settings of the camera according to the subject to shoot.

Before using camera

- Fingerprints, fats, etc. on the lens cause the image to be out of focus. In addition, images may blur, rays of light may appear in images when shot near a strong light source, etc. Wipe the lens with a soft cloth before shooting images.
- You cannot shoot when the battery level is insufficient. Images may appear dark or distorted when shot with insufficient battery power even while the handset is charging. When you use the camera, charge the battery sufficiently in advance.
- Although the camera is made with high-precision technology, some pixels or lines look constantly dark or bright. Further, white lines and other noise increase in images especially when shooting images in dimly lit surroundings.
- The quality of images may deteriorate when shot or saved after the handset has been left in a warm location for a long time.
- If the camera lens is exposed to direct sunlight for a long time, the internal color filter may discolor, creating a discoloration of shot images.
- Images shot in shooting conditions which include strong light source such as the sun or a lamp may appear dark or distorted.
- Shooting the sun directly may impair the performance of the CMOS.
- In the following cases, the handset may become warm and the camera may end. This is not a malfunction.
 - When shooting still pictures continuously
 - When shooting videos for a long time
 - When activating the camera for a long time
 Use the camera again after a while.

- When the focus settings are switched, sounds are heard from the camera lens. This is not a malfunction.
- Images are blurred when the handset moves while shooting images. Hold securely to prevent blurring. Use a function to reduce blurring by quickly activating the shutter when shooting still pictures and a function to reduce blurring by adjusting the lens when shooting videos.
- The color and brightness of the subject in images shot with the camera may differ from the actual color and brightness.
- Make sure that your fingers, hair, handset strap, etc. do not obscure the camera lens when shooting images.
- Because a larger picture size requires more data, movement in the image on the handset display may appear slow.
- Indoor fluorescent lighting etc. may create flickering or streaky shading on the screen. This flickering or shading may be reduced by changing the lighting conditions and brightness of the room or adjusting the camera brightness and white balance.
- Shot still pictures are saved in DCF1.0 (ExifVer.2.3, JPEG) format.
- The camera is not available while watching Mobacas or TV.

Copyrights and rights of portrait

Images and audio recorded with the handset are for personal use and must not be used for any other purposes without the consent of the rightful person in accordance with the Copyright Act. Please note that acts such as the use or defacement of the likeness or name of other individuals without their consent may infringe on an individual's rights of portrait. Please be aware of copyrights and rights of portrait when posting images and audio recorded with the handset on the Internet or similar media. The recording of images or audio may be restricted at stage performances, shows, exhibitions, etc. even when the images or audio is recorded for personal use etc. Do not use the handset to send copyrighted images for uses other than those permitted under the Copyright Act.

If you cause the public any trouble using the handset, you may be punished under law or regulations (for example, nuisance prevention ordinance).

Please be considerate of the privacy of individuals around you when shooting and sending pictures using camera-enabled mobile phones.

Operations while using camera

- In each camera mode, if no operations are performed for approximately 3 minutes, the camera mode automatically ends. If characters etc. have been scanned, the scan results are deleted.
- The shutter sound volume cannot be changed.

Picture size of camera

- The following picture sizes are available.

Shooting mode	Aspect ratio	Picture size
Shoot still picture	16:9	4K2K: 3840×2160
		FullHD: 1920×1080
	4:3	13MP: 4128×3096
		3MP: 2048×1536
		1.6M: 1440×1080*
Shoot video	16:9	VGA: 640×480
		4K2K: 3840×2160
		Full HD: 1920×1080
	4:3	HD: 1280×720
		VGA: 640×480
		QVGA: 320×240

* Available only when you use the front camera.

Shooting screen layout

Still picture shooting screen



Video shooting screen



1 Settings on shooting mode/camera to shoot with

- Set the shooting mode or camera to shoot with (☞ P. 59 “Shooting mode/Camera to shoot with”).

2 Mobile light

- Turn on/off the mobile light.

3 Switching front camera/back camera

- Set to shoot with the front camera or back camera.
- Select [FrontCam Wide] to shoot wide-angle shots with the front camera.

4 Various settings

- Make various settings for shooting (☞ P. 60 “Settings on shooting with camera”).

5 Switching displays

6 Album/Thumbnail

- Activate Album.
 - Touch [🖼️] in the image displaying screen of Album to display all data.

7 Shutter

8 Switching camera modes

- Switch between the still picture shooting mode and video shooting mode.

9 Adding location information

- Set whether to add location information.

10 Picture size

- Set the picture size.

11 NightCatch

- Switch NightCatch settings. Set it to [AUTO] to make shady areas appear vivid on shot images.

12 HDR

- Set whether to clear image of blocked up shadows and blown out highlights which often appear such as when you shoot against the light while a contrast between brightness and darkness is high.

13 HQ mode

- Set whether to shoot still pictures of high quality.

14 Framing adviser

- Set framing adviser (P. 59 “Framing adviser”).

15 Remaining number/time for shooting

- Displayed when the remaining number for shooting decreases to 99 or less as for the still picture shooting mode.
- As for the video shooting mode, remaining time for shooting indicates the total recordable time. The recordable time per shot may be shorter than the displayed remaining time.
- Even after shooting a still picture/video, remaining number/time for shooting may not be changed.

16 Battery level

Shooting still pictures

1 In the home screen, display the Apps Sheet ▶ [SH Camera]

- To adjust the brightness: Slide your finger up/down
- To zoom: Slide your finger to the left/right or pinch out/in
 - Maximum magnification (zoom step) is approximately 16.0-fold (120 steps).
- To lock the focus: Touch the subject
 - Touch anywhere other than focus frame to cancel the focus lock.

2 [📷]/[+] / [−]

- The shutter sounds and the shot still picture is automatically saved.
- Alternatively, you can shoot still pictures by touching the focus frame while the focus is locked.
- Hold [📷]/[+] / [−] down for at least 1 second to shoot multiple still pictures in a row.

■ Framing adviser

Division lines for compositions and a guide can be displayed according to the scene for shooting. Using division lines and a guide allows you to shoot still pictures with compositions different from those for usual shooting applied on them.

- If the frame is set to [AUTO], people and foods are automatically recognized and landscapes are framed in a recommended composition according to the touched section.
- Basic operations for shooting are the same as those for the camera.

1 In the still picture shooting screen, [OFF]

2 Select a frame

3 Adjust the subject along the division lines and a guide ▶ [📷]/[+] / [−]

- While the frame is set to [AUTO], you may be able to make the subject easier to be recognized by changing the directions of the handset.
- While the frame is set to [AUTO], division lines and a guide may not be displayed depending on under which scene the subject is detected with [Auto] set or depending on the shooting mode.

Shooting videos

1 In the home screen, display the Apps Sheet ▶ [SH Camera] ▶ drag [📷] to [📹]

- To adjust the brightness: Slide your finger up/down
- To zoom: Slide your finger to the left/right or pinch out/in
 - Maximum magnification (zoom step) is approximately 16.0-fold (120 steps).

2 [📷]/[+] / [−]

- Shooting starts after the shooting start sound is heard.
- To shoot still pictures: [📷]

3 [📷]/[+] / [−]

- The shot video is automatically saved after the shooting end sound is heard.

- The remaining time indicator is an approximation. Shooting may continue longer than the remaining time indicated before the start of shooting or may automatically stop even when there is remaining time depending on the subject.

- The remaining time indicator changes according to the available space on the handset memory or a microSD Card and battery level.

Camera settings

■ Shooting mode/Camera to shoot with

You can switch shooting modes or cameras to shoot with according to the shooting condition and subject.

1 In the home screen, display the Apps Sheet ▶ [SH Camera]

2 [📷] ▶ [STD AUTO]

3 Select an item

- **SH Camera**: Switch to a standard camera.
- **Auto**: A mode to automatically adjust the camera according to the subject.
- **Standard**: A standard mode.
- **Portrait**: A mode suitable for portrait shot.
- **Night Portrait**: A mode suitable for portrait shot against a night view.
- **Scenery**: A mode suitable for landscape shot.
- **Night Scenery**: A mode suitable for night view shot.
- **Food**: A mode suitable for food shot.
- **Text**: A mode suitable for character shot.
- **Sepia**: A mode for shooting with a sepia effect applied.
- **Monochrome**: A mode for monochrome shot.
- **Bleach Bypass**: A mode for shooting while making shady parts appear darker and stressing chromatic contrast.
- **DeFocus**: A camera for setting the focus on a nearby subject and shooting photos with its background blurred.
- **Fisheye**: A camera for shooting distorted photos as if you used a fisheye lens.
- **Miniature**: A camera for shooting landscape photos as if the scenes were replicated in miniature size.
- **Photo Sphere**: Activate the “Camera” app provided by Google and shoot panoramic photos with a viewpoint above/below you, of right/left of you and of 360° around you.
- **Panorama**: A camera for shooting in panorama size.
- **Translation**: For details on Translation finder P. 60 “Translation finder”
- **Search Finder***: For details on Search finder P. 60 “Search finder”
- **Camera Reader**: Activate Camera reader.
 - When you use this app, you need to download it.
- **Mirror**: A mode for reflecting yourself like a hand mirror using the front camera.

* [Searchfinder] is displayed in the video shooting mode.

- You can connect to the SHARP website and download apps for utilizing the camera by touching [📷].

- Before switching to another mode, some shooting modes or cameras to shoot with may make it necessary to reactivate the camera after ending it.

■ Settings on shooting with camera

You can change settings for the shutter or save destinations of shot still pictures/videos.

1 In the home screen, display the Apps Sheet ▶ [SH Camera]

2 [⏏] ▶ [⚙]

3 Select an item

- **ISO**: Set the sensitivity for incorporation of light according to the ambient brightness.
- **White Balance**^{*1}: Set whether to adjust color of the subject against the ambient light source.
- **Mic settings**: Set whether to use the microphone while shooting videos.
- **Shutter mode**: Set whether to automatically shoot the subject when he/she smiles or looks back on the camera.
- **Self-timer**: Set whether to automatically shoot with a timer set.
 - To set/disable the timer when shooting still pictures with the front camera: [⏏]/[⏏]
- **Touchscreen shutter**: Set whether to make it possible to shoot by touching the screen.
- **Shutter Sound**: Set a shutter sound.
- **Auto focus**^{*2}: Set the focus according to the subject.
- **Anti shake**: Set whether to use a function to reduce blurring by quickly activating the shutter when shooting still pictures and a function to reduce blurring by adjusting the lens when shooting videos.
- **Anti Flicker**^{*3}: Set to make the screen less susceptible to streaky shading when you shoot in a place with fluorescent lighting.
- **Save to**: Set a save destination.
- **Time lapse**: Make settings for the time lapse of the shutter when shooting videos.
- **Help**: Check the functions of icons displayed on the shooting screen, operations on the touch panel or how to use functions.
- **Function information**: Connect to the SHARP website and check how to use with a video tutorial.

*1 [White balance] is displayed in the video shooting mode.

*2 [Focus settings] is displayed in the video shooting mode.

*3 [Anti flicker] is displayed in the video shooting mode.

Translation finder

You can have English texts translated into Japanese in real time just by holding the camera over English texts.

1 In the home screen, display the Apps Sheet ▶ [Translation finder]

- Alternatively, in the home screen, display the Apps Sheet ▶ [SH Camera] ▶ [⏏] ▶ [⏏] ▶ [Translation] to activate it.

2 Display English texts to translate on the screen ▶ [⏏]

- Characters are recognized in the direction of [⏏]. Make sure that the entire English texts to translate are displayed on the screen.
- The shutter sounds and the untranslated and translated still pictures are automatically saved.
- To make settings for Translation finder: [⏏] ▶ set each item

3 Use the shot still picture

- To display/hide translated texts: [⏏]
- To zoom in/out: Pinch out/in
- To adjust angles of the screen: Rotate with your two fingers
- To search: Touch the translated Japanese texts or untranslated English texts ▶ [Net dict.]/[E/J dict.]/[Search]

- To copy the characters: Touch and hold the translated Japanese texts or untranslated English texts ▶ [Copy]
- To share the characters: Touch and hold the translated Japanese texts or untranslated English texts ▶ [Share] ▶ select an item

- You can only have English texts translated into Japanese.
- Texts may not be scanned or translated correctly depending on the English font, background, text color, text size, layout, etc.
- You may be able to have texts translated correctly by adjusting angles of the screen to get the texts laid out horizontally.

Search finder

You can drag and search characters that attract your attention on magazines, newspapers, etc. using the camera.

1 In the home screen, display the Apps Sheet ▶ [Search finder]

- Alternatively, in the home screen, display the Apps Sheet ▶ [SH Camera] ▶ [⏏] ▶ [⏏] ▶ [Search Finder] to activate it.

2 Display characters to search on the screen ▶ drag the characters to search

- Characters are recognized in the direction of [⏏].

3 Select a search result

- Touch a search result to activate an app supporting the content.
- Touch [⏏]/[⏏]/[⏏] to display search results by image/video/search keyword.
- To edit the characters to search: Touch the dragged characters ▶ edit the characters
- To copy the characters to search: [⏏] ▶ [Copy text]
- To share the characters to search: [⏏] ▶ [Share text]

Album

You can sort images and videos by people, event and location and use them.

1 In the home screen, display the Apps Sheet ▶ [Album]

2 Select a category

- To switch folder-by-folder display/data list display: [ALL] ▶ [⏏]/[⏏]

3 Select data

- To delete data: Touch and hold data ▶ [Delete] ▶ [Yes]

4 Confirm the data

- If files are not displayed, they may be displayed normally by deleting a database file of Album. Connect the handset to a PC using Micro USB Cable 01 (sold separately) and delete ¥PRIVATE¥SHARP¥PM¥DATABASE folder on the handset memory or a microSD Card to use. If you delete the database file, created information of people etc. are also deleted. Take extra precautions and check when deleting.

Sorting data

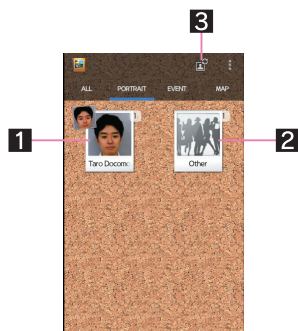
You can sort images and videos by created group.

■ Sorting by people

1 In the Album screen, [PORTRAIT]

- To set automatic sort: [⏏] ▶ [Settings] ▶ [Easy sort setting] ▶ set each item

2 Select a group



1 Group of data already set

2 Other

- Display data not grouped. You can create new groups or sort the data into created groups.

3 Sort

- Sort images by people.

3 [✎] ▶ [Create new person]

4 Select data to classify ▶ [Create]

- When you select multiple data, the latest one is displayed.

5 Select the cutout range ▶ [OK]

- Drag the orange frame border to enlarge/narrow the frame.

6 [Input new portrait.] ▶ enter a person's name ▶ [OK]

- Select [人] to select and enter a person's name from the phonebook.

• Portrait photos are automatically sorted by Easy sort setting. Some photos may not be sorted correctly depending on the expression or direction of a person.

■ Sorting by event

1 In the Album screen, [EVENT]

2 [Not set]

3 [✎] ▶ [Create new event]

4 Select data to classify ▶ [Create]

5 [Input new event.] ▶ enter an event name ▶ [OK] ▶ [Create]

■ Sorting by location

- The data with location information attached is automatically sorted on a map.

1 In the Album screen, [MAP]

2 [≡] ▶ [Location settings]

3 Touch and hold the data to classify ▶ drag the data to the point to register it onto ▶ [OK]

Media Player

Play music data and video data saved on the handset memory or a microSD Card.

- The followings are the main file formats of playable music data. AAC LC, AAC+, enhanced AAC+, AMR-NB, AMR-WB, FLAC, MP3, MIDI*, Vorbis, PCM/WAVE, WMA

* Although this type of data does not appear in the all songs list, you can play the data by activating it from another app.

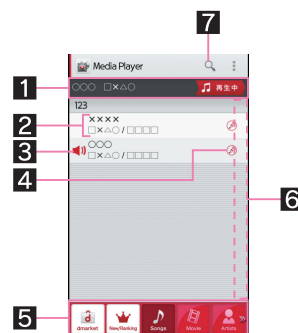
- The followings are the main file formats of playable video data. However, some files may not be displayed/played or may become intermittent.

H.263, H.264, H.265, MPEG-4, WMV, WEBM

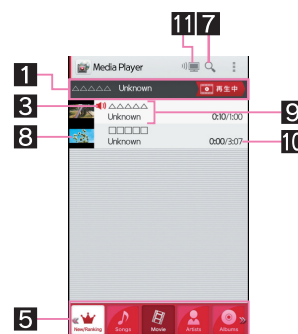
1 In the home screen, display the Apps Sheet ▶ [Media Player]

- When you use this for the first time, you must agree to “Application Privacy Policy” and “Software License Agreement”.
- If the confirmation screen asking whether to read the usage explanations of Media Player appears, select [使い方の説明を読む] (Read the usage explanations)/[説明を読まず利用する] (Use without reading the explanations).

2 Select data



Music data list screen



Video data list screen

1 Data being played/paused

2 Title/Artist name/Album title

3 Icon indicating the data is being played/paused

4 Music data settings

- Touch it to set the music as a ringtone, add the music to a playlist or delete the music.

5 Bottom bar

- Slide it to the left/right to switch displays of category.

6 Index

- Slide the index to move to the selected heading.

7 Search content

8 Thumbnail

9 Title/Artist name

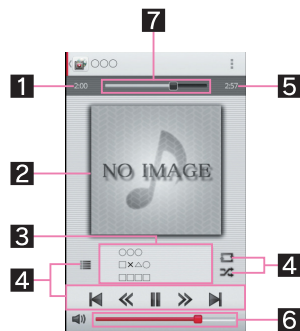
10 Playback time/Total playback time

11 Miracast settings

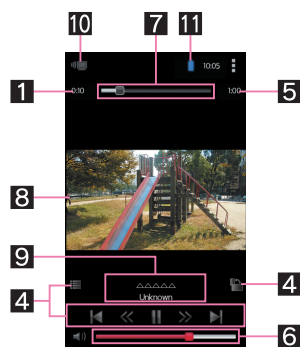
- Play videos on a TV with a wireless connection function etc. For details on Wireless output (Miracast) P. 85 “Wireless output (Miracast)”

3 Play music/video

- To adjust the playback volume: [⏮(+)]/[⏭(-)]



Music playback screen



Video playback screen

1 Playback time

2 Jacket image

3 Title/Artist name/Album title

4 Operation panel

- The following operations are available with displayed keys.
 - To play previous data/return to the beginning of the data: [⏮]*1
 - To play next data: [⏭]
 - To return to a location of approx. 10 seconds ago/skip to a location of approx. 10 seconds later: [⏮]/[⏭]
 - To play/pause the data: [⏮]/[⏭]
 - To display the data list screen: [☰]
 - To repeat the data: [🔄]*2
 - To shuffle the data: [🎲]
 - To lock the auto-rotation of the screen: [🔒]
- *1 When the playback time is less than approximately 2 seconds: Play previous data
When the playback time is approximately 2 seconds or more: Return to the beginning of the data
- *2 When [🔒] is superimposed, repeat only one song.

5 Total playback time

6 Volume bar

7 Seek bar

- Drag the seek bar to change the playback position.

8 Image

9 Title/Artist name

10 Miracast settings

- Play videos on a TV with a wireless connection function etc. For details on Wireless output (Miracast) ☞ P. 85 "Wireless output (Miracast)"

11 Battery level

■ Sorting icons

- In the data list screen, [☰] ▶ [Settings] ▶ [Arrange icons]
- Drag [⇅] to the point to sort into ▶ [Apply]

Managing playlists

■ Creating playlists

- In the data list screen, [Play list] ▶ [Add] ▶ enter a playlist name ▶ [OK]
- Select music data ▶ [Apply] ▶ [Save] ▶ [OK]

■ Editing playlists

- In the data list screen, [Play list] ▶ select a playlist
- [Edit]
 - To rename the playlist: [Edit title] ▶ enter a playlist name ▶ [OK]
 - To sort music data: Drag [⇅] appearing alongside the song to sort to the point to sort into
 - To delete music data: Select music data ▶ [Delete selected songs]
- [Save] ▶ [OK]

■ Deleting playlists

- In the data list screen, [Play list] ▶ [Reorder/Delete]
- Select playlists ▶ [Save] ▶ [OK]

GPS/Navigation

You can display Street View and search for routes using Maps. You can also search for facilities near a location on the map being displayed by genre.

Using GPS function

- GPS is a function to retrieve location information of devices by receiving radio wave from GPS satellites. It is necessary to set Location to [ON] to measure the present location (☞ P. 73 "Location").
- You cannot use the handset as a navigation system for professional use of aircrafts, vehicles, person, etc. or surveying GPS of high accuracy. Note that DOCOMO shall not be liable for the pure economic losses such as ones caused by using the GPS for these purposes or by failing to confirm a positioning result or to communicate due to handset failure, malfunction or external factors such as power failure (including battery exhaustion).
- GPS is a service administered by the U.S. Department of Defense. Therefore, GPS radio wave condition may be controlled (accuracy degradation, radio wave abort, etc.) for US national security reasons. In addition, the same results may not be retrieved even when positioned in the same location and environment, since the radio wave conditions may change depending on the location of the GPS satellites.
- Note that GPS uses the radio waves from artificial satellites, therefore the following conditions may prevent the radio waves from being received or prevent the reception status of the radio waves from being satisfactory, resulting in an error of 300 m or more for location information.
 - In or under a dense forest, in density area with buildings or residence
 - In or under buildings
 - In a basement, tunnel, underground or underwater
 - Near high-tension line
 - Inside cars, trains, etc.

- In bad weather with heavy rain/snow etc.
- In bags or boxes
- When people or objects are blocking the handset
- When hands are covering the GPS antenna area
- When using a GPS function overseas, the displayed map based on the acquired location information (latitude and longitude information) may not be accurate because of the legal system etc. in each country and the area.
- Packet communication charges may be incurred, since assisted GPS data such as satellite information is automatically retrieved when you measure present location.
- Packet communication charges are incurred when you display a map based on location information etc.

Maps

You can measure your present location, use the navigation function to check how to get to your destination in detail, etc.

- It is necessary to set Location to [ON] to measure the present location (P. 73 "Location").

1 In the home screen, display the Apps Sheet ▶ [Maps]

2 Use Maps

- To rotate the screen: Rotate with your two fingers
- To display sterically: Slide up with your two fingers
- To measure present location: [📍]

Street View

1 In the Maps screen, touch and hold any place

2 Touch the address, name of place or facility, etc. ▶ [Street View]

- To change a displayed direction: Slide the screen up/down or to the left/right
- To move a displayed place: Touch an arrow
- To switch to the compass mode: [🧭]

- Some areas are not supported by Street View.
- When the compass mode is used, the geomagnetic compass of the handset and the direction displayed by Street View are associated with each other.

Searching for routes

You can search for a route from a start point to an end point.

1 In the Maps screen, [📍]

2 Select how to get to the end point

3 Touch the search box above ▶ enter a start point

- The present location is entered while it is being measured.

4 Touch the search box below ▶ enter an end point

- Follow the instructions on the screen and operate after this step.

Searching for facilities nearby

You can search for facilities near a location on the map being displayed by genre.

1 In the Maps screen, touch the search box

2 Select a genre of facilities to search

- Alternatively, you can search by entering a name of place to search in the search box.

3 Use the search result

- To display detailed information: Select an address, a name of place or facility, etc.
- If there are two or more search results, touch a marker or slide an address, a name of place or facility, etc. to the left/right to display the other search results. Also, touch [LIST RESULTS] to display the search results as a list.

YouTube

YouTube is a free online video streaming service. You can play, search and upload videos.

1 In the home screen, display the Apps Sheet ▶ [YouTube]

2 Select a video

- To display the search box: [🔍]

Clock

You can use Alarm, World Clock, StopWatch and Timer.

Alarm

Activate an alarm tone or vibrator at the specified time/day of the week.

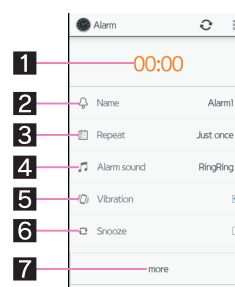
1 In the home screen, display the Apps Sheet ▶ [Clock] ▶ [Alarm]

- To adjust the alarm volume: [🔊] ▶ [Alarm volume] ▶ adjust the volume ▶ [OK]
- To set the alarm to/not to ring while the manner mode is set: [🔊] ▶ [For Manner Mode] ▶ select the setting
- To delete register destinations: [🗑️] ▶ select register destinations ▶ [Delete] ▶ [Yes]

2 Select a register destination

- To add a register destination: [⊕]

3 Set each item



1 Time

- Set the time when the alarm rings.

2 Name

- Enter the name.

3 Repeat

- Set the repetition of the alarm.

4 Alarm sound

- Set the alarm sound.

5 Vibration

- Set whether to use the vibrator.

6 Snooze

- Set whether to use the snooze.

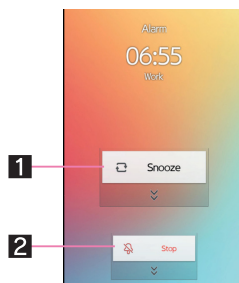
7 More

- Set the interval and number of repetition of the snooze, ring duration and illumination.

- An alarm is not activated when the handset is turned off at the time for the alarm to ring.

- An alarm is not activated when the time for the alarm to ring arrives during a call. Upon the end of the call, the alarm is activated.
- When the time for an alarm to ring arrives while another alarm is ringing, the former alarm is delayed. When the latter one stops or the duration has elapsed, the delayed alarm starts to ring.
- The alarm does not sound if Alarm volume is set to "0" or if you set For Manner Mode to [Do not Ring] while the manner mode is set.

Alarm sounding screen layout



1 Snooze

- Drag the icon down to stop the alarm. Snooze still works after stopping the alarm.
- You can operate only when [Snooze] is enabled.

2 Stop

- Drag the icon down to end the alarm.

World Clock

Display clocks for cities around the world.

- World Clock can display clocks for up to 10 cities.

1 In the home screen, display the Apps Sheet ▶ [Clock] ▶ [World Clock]

2 [+] ▶ select a city

- To switch daylight saving time: Touch and hold a city ▶ [Daylight Saving Time]
- To delete cities: [🗑️] ▶ select cities ▶ [Delete] ▶ [Yes]

- [🌞] appears on cities for which daylight saving time is set.
- You may not be able to switch to daylight saving time depending on the city.

StopWatch

1 In the home screen, display the Apps Sheet ▶ [Clock] ▶ [StopWatch]

2 [Start]

- To record the lap time and split time: [Lap]

3 [Stop]

- To reset the measured time, lap time and split time: [Reset]

- You can record up to 99 history items of lap time and split time. When the number exceeds 99, they are deleted from the oldest one.
- Measured time and history are reset by ending Clock.

Timer

Activate an alarm tone or vibration after the specified length of time passes.

1 In the home screen, display the Apps Sheet ▶ [Clock] ▶ [Timer]

2 Touch the set time ▶ enter the time ▶ [OK]

- To add timers: [+]
- To change names: Touch and hold a set time ▶ [Name] ▶ enter a name ▶ [OK]
- Select [🔊] to set Alarm Sound/Vibration/Illumination.

3 [Start]

- To stop the countdown: [Stop]
- To reset the timer to original time: [Reset]
 - Touch during the countdown to stop the countdown and reset the timer to original time.

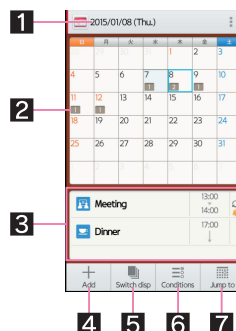
Schedule

Create and manage schedules.

1 In the home screen, display the Apps Sheet ▶ [Schedule]

- If the confirmation screens for the license agreement and use of the cloud service are displayed, check the content, follow the instructions on the screen and operate.

2 Check schedules



1 Selected date, name of holiday

2 Registered schedule

- The number of registered items is displayed.

3 Schedules for selected date

4 Add

- The method for registering schedules is the same as creating memos (P. 65 "Memo").

5 Switch displays

- Switch display methods of the calendar.

6 Conditions

- Set conditions of schedules to be displayed. Also, you can search for schedules.

7 Jump to any date

Setting Schedule

1 In the Schedule screen, [≡] ▶ [Settings]

2 Select an item

- "Today's schedule" setting: Set to notify the schedules of the day at the specified time.
- Alarm: Make settings for the alarm.
- Initial screen: Set a screen shown when Schedule is activated.
- Starting day: Set the starting day of a week on the calendar.
- Update birthday data: Apply birthday data in the phonebook to the calendar.

- **Change account:** Set an account used when creating schedules.
- **Cloud setting:** Set whether to use cloud computing.

Deleting a schedule

1 In the Schedule screen, touch and hold a schedule



2 [Delete one] ▶ [Delete]

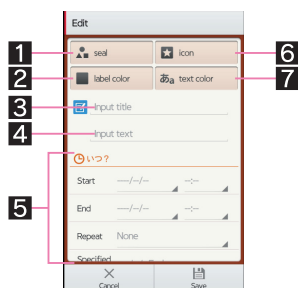
Memo

Create and manage memos.

1 In the home screen, display the Apps Sheet ▶ [Memo] ▶ [Add]

- If the confirmation screens for the license agreement and use of the cloud service are displayed, check the content, follow the instructions on the screen and operate.

2 Set each item



1 Sticker

- You can paste and remove stickers (Deco-mail pictogram/pictogram) which decorate memos nicely.

2 Label color

- Change label colors.

3 Title

4 Text

5 Edit details

- You can set the details such as date and time or attach images.

6 Icon

- Change icons.

7 Text color

- Change text colors of the title.

3 [Save]

Calculator

1 In the home screen, display the Apps Sheet ▶ [Calculator]

2 Calculate

- When Calculator is closed, its memories are deleted.
- Results or history information may be deleted while Calculator is activated in the background.

SH tool

You can use convenient functions such as the pedometer and dictionaries.

- For details on AV Device Link P. 85 “Cooperating with Blu-ray Disc recorder”
- For details on Contents Manager P. 80 “Contents Manager”

- When you use Voice Recorder or Camera reader for the first time, you need to download it.
- The icon of Camera reader is not displayed in the Apps Sheet even after it is downloaded. Activate it from SH tool or SH Camera.

Pedometer

Support everyday walking and jogging with the pedometer. The number of steps, calories burnt, etc. are saved as history. You can check them as graph.

- If vibration or shake is applied to the handset by the vibrator etc., the number of steps may not be counted correctly.
- Counted number of steps may not be displayed correctly depending on how to carry the handset, count the number of steps or walk.
- When carrying the handset in Carry Case 02 (sold separately), put the Carry Case 02 on a belt etc.
- When carrying the handset in a bag or pouch, place it in a stable space such as in a pocket or compartment.

1 In the home screen, display the Apps Sheet ▶ [SH tool] ▶ [Recommendation] ▶ [Pedometer/calories]

- The confirmation screen is displayed when [Pedometer On] is disabled. Select [Yes] and finish the pedometer settings.
- At the time of purchase, temporary figures are registered for User Information. Set User Information properly before use.

- The number of your first steps made for approximately 4 seconds is counted, but it will not be displayed as counted steps. Keep walking, and then the total number of steps including it will be displayed as counted steps.

Cautions when counting the number of steps

In the following cases, the number of steps may not be counted correctly.

- When the handset shakes irregularly
 - When a bag etc. which contains the handset shakes irregularly by hitting legs or hip
 - When you are dangling the handset from your waist, bag, etc.
- When you walk irregularly
 - When you walk with your feet sliding or when you walk irregularly wearing sandals, geta, slippers, etc.
 - When a disarray of walk occurs such as by walking in the crowded place
- When the handset is used in a place with up-and-down movement or frequent vibration
 - When you stand up or sit down
 - When you play sports other than walking and jogging
 - When you walk up/down stairs or steep slope
 - When the handset is being wobbled in a vehicle (bicycle, car, train, bus, etc.)
- When you walk extremely slowly

■ Pedometer setting

You can make settings for the pedometer such as User Information.

1 In the home screen, display the Apps Sheet ▶ [SH tool] ▶ [Recommendation] ▶ [Pedometer/ calories]

2 [≡] ▶ [Settings]

3 Select an item

- **Pedometer On**: Set whether to use the pedometer.
- **User Information**: Register height, weight and step length.
- **Pedometer Reset Time**: Set the time to reset the pedometer.

- When [Pedometer On] is enabled, the number of steps is always counted while the power is turned on.
- The display of the pedometer is reset once a day at the time set for [Pedometer Reset Time].

Dictionary

Enter the keyword and search in the built-in or online dictionaries.

- By default, the following e-dictionaries are preset on the handset (Part of the dictionaries may differ from printed versions due to computerization).

- **明鏡国語辞典MX 第二版** (Meikyo Japanese Dictionary MX (2nd edition))
Containing approximately 64,000 words centered around frequently used modern language. Wide range of new words and information on wrong use are added.
- **ジーニアス英和辞典MX 増補版** (Genius EJ Dictionary MX (expanded edition))
A major English-Japanese dictionary, which is convenient for reading newspapers, magazines and various articles. New words and technical terms are added. Containing approximately 202,000 words.
- **ジーニアス和英辞典MX 第2版** (Genius JE Dictionary MX (2nd edition))
A full-fledged words Japanese-English dictionary, which contains approximately 67,000 words centered around modern language and 84,000 examples for usage of words. Also, it contains wide range of proper nouns such as place names and personal names.

(“明鏡国語辞典MX 第二版” ©KITAHARA Yasuo and Taishukan, 2012, “ジーニアス英和辞典MX 増補版”, “ジーニアス和英辞典MX 第2版” ©MINAMIDE Kosei, NAKAMURA Mitsuo and Taishukan, 2012)

- “百科事典” (Encyclopedia), an online dictionary, is available by default.

1 In the home screen, display the Apps Sheet ▶ [SH tool] ▶ [Dictionary] ▶ [Japanese dictionary]/ [English-Japanese dictionary]/ [Japanese-English dictionary]/[Net dictionary]

2 Search

- An English-Japanese dictionary is used in the following screen.



1 Dictionary icon

- Display the dictionary you use now.
- Touch it to switch the dictionaries to use.

2 Switching input mode

- Touch it to switch input modes.

3 Word card/Setting/Menu

- When you use a built-in dictionary, the registered word cards are displayed.
- When you use an online dictionary, you can set the search method or display the menu.

4 Search keyword entry field

- Enter a keyword to search with.
- When you use a built-in dictionary, search results are displayed every time a character is entered.
- When you use an online dictionary, enter the keyword ▶ [Search] to display search results.

5 Home

- Search for a new word.

6 Switch dictionary

- Switch the dictionaries to use.

7 History

- Display the words you have searched before.

8 Word test/Manage

- When you use a built-in dictionary, word test based on the word cards you have registered in the search result screen is available.
- When you use an online dictionary, you can manage it.

3 Select a search result

- To register the search result as a word card: [Add word card]

docomo backup

You can back up to/restore from “Data Storage Box” or “microSD Card”.

Backing up to/Restoring from Data Storage Box

You can move and back up data such as music data and call logs by using Data Storage Box.

- The following data can be backed up to/restored from Data Storage Box.
 - Music data
 - Call log
 - User dictionary

1 In the home screen, display the Apps Sheet ▶ [docomo backup]

- When you use this for the first time, you must agree to “Application Privacy Policy” and “Software License Agreement for “docomo Backup App””.

2 [Backup/restore to docomo cloud]

■ Backing up data to Data Storage Box

1 In the screen for backing up to/restoring from Data Storage Box, [Backup]

- If the confirmation screen for login is displayed, follow the instructions on the screen and operate.

2 Select the data categories to save

3 [Start backup] ▶ [Backup]

4 Enter the docomo apps password ▶ [OK]

5 [Back to top]

- Periodical backup enables you to automatically back up relevant data selected in advance to Data Storage Box every month.
- Note that the packet communication charges may be higher if you use Periodical backup.

■ Restoring data to the handset

- 1 In the screen for backing up to/restoring from Data Storage Box, [Restore]**
 - If the confirmation screen for login is displayed, follow the instructions on the screen and operate.
- 2 [Select] of a data category to restore**
- 3 Select a backup file ▶ [Select]**
- 4 [Add]/[Overwrite]**
- 5 [Start restore] ▶ [Restore]**
- 6 Enter the docomo apps password ▶ [OK]**
- 7 [Back to top]**

- When you restore data from Data Storage Box, data is restored to the save destination from which it was backed up. If you change models etc., data may be restored to a save destination different from the location from which it was backed up.

Backing up to/Restoring from a microSD Card

You can move and back up data such as phonebooks and docomo mails by using an external memory device such as a microSD Card.

- The following data can be backed up to/restored from a microSD Card.
 - Phonebook
 - docomo mail
 - Image
 - Video
 - Music data
 - Call log
 - User dictionary
 - ToruCa
 - Schedule/Memo
- When a microSD Card is not inserted, images, videos, music data, etc. are saved on the handset memory. When you use Backup/restore to microSD, only the data saved on the handset memory are backed up. The data saved on a microSD Card are not backed up.

- 1 In the home screen, display the Apps Sheet ▶ [docomo backup]**

- When you use this for the first time, you must agree to “Application Privacy Policy” and “Software License Agreement for “docomo Backup App””.

- 2 [Backup/restore to microSD]**

- Do not remove the microSD Card from the handset while backing up or restoring data. Data on the handset may be damaged.
- When the battery level is insufficient, backup or restoration may not be available. In this case, back up or restore again after charging the handset.

■ Backing up data to a microSD Card

- Insert a microSD Card in advance.

- 1 In the SD card backup screen, [Backup]**
- 2 Select the data categories to save**
- 3 [Start backup] ▶ [Backup]**
- 4 Enter the docomo apps password ▶ [OK]**
- 5 [Back to top]**

- When you back up phonebook to a microSD Card, you cannot copy phonebook data without name.
- When the available space on the microSD Card is insufficient, backup may not be available. In this case, secure enough space by deleting unnecessary files from the microSD Card.

■ Restoring data to the handset

- Insert a microSD Card that includes backup files created via Backup/restore to microSD in advance.
- When restoring phonebooks, you can also restore files created with PhoneBookCopy or with a function in an i-mode-enabled device which allows you to back up data to a microSD Card.

- 1 In the SD card backup screen, [Restore]**
- 2 [Select] of a data category to restore**
- 3 Select backup files ▶ [Select]**
- 4 [Add]/[Overwrite]**
- 5 [Start restore] ▶ [Restore]**
- 6 Enter the docomo apps password ▶ [OK]**
- 7 [Back to top]**

■ Copying phonebook of Google account to docomo account

- 1 In the SD card backup screen, [Phonebook account copy]**
- 2 [Select] of a phonebook of Google account**
- 3 [Overwrite]/[Add] ▶ [OK]**

- If the name of a phonebook item (phone number etc.) on other devices differs from that on your handset, the name of the item may be changed or deleted. Also, characters which can be registered to phonebook differ among devices, so the characters may be deleted at the copy destination.

Handset Settings

Setting menu

In the home screen, display the Apps Sheet ▶ [Settings] to display the menu and make various settings for the handset.

- In the home screen, display the Apps Sheet ▶ [Settings] ▶ [To Simple mode] ▶ [Yes] to display only items for basic settings.

Profile	Display your phone number registered on the docomo nano UIM card and register a name, mail address, etc.
Call	Make settings for call such as voice mail and call rejection.
Sound	Make settings for the manner mode, ringtone, etc.
Illumination	Set when to make the incoming/charging illumination flash according to the settings of Disney Illumi Controller. You can set a flashing pattern or an illumination color for when receiving a call individually.
Display	Make settings for the screen display etc.
Storage	Check the available space on a microSD Card, the handset, etc., manage files, etc.
Battery & energy saving	Activate Energy saving settings or Energy save standby, check the battery level, etc.
Useful	Make settings for エモ/パー (Japanese only) (emopa (Japanese only))/Grip sensor/Recent apps key/Navigation key, perform Self check, etc.
Home applications	Switch lock screens or home apps to use.
Application	Check names, versions, memory usage, etc. of apps, enable/disable apps, uninstall them, etc.
Wi-Fi	Make settings for the Wi-Fi function.
Bluetooth	Connect the handset and Bluetooth devices wirelessly.
Data usage	Measure the volume of data communicated via mobile networks and display it on a diagram.
More...	Make settings for other functions in WIRELESS & NETWORKS.
docomo service/cloud	Make settings for the docomo service.
Location	Make settings for measuring location information.
Lock & Security	Make settings for the security lock.
Language & input	Make settings for the language displayed on the screen, character entry, text-to-speech, etc.
Backup & reset	Back up data using a Google account, transfer data to/from among devices, perform Reset all, etc.
Add account	Add accounts.
Date & time	Make settings for the date and time and their format.
Accessibility	Make settings for accessibility options.
Printing	Print with an app supporting the print function by installing a print app (plug-in).
Device info	Check the information about the handset.

Profile

You can display your phone number registered on the docomo nano UIM card and register a name, mail address, etc.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Profile]
- 2 [Edit] ▶ set each item ▶ [Save]

Sound

You can make settings for the manner mode, ringtone, etc.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Sound]
- 2 Select an item
 - **Mode settings**: For details see P. 68 "Mode settings"
 - **Volume**: Set the volume of the media playback sound, ringtone, emopa, etc.
 - **For Incoming call**: Make settings for operations for when receiving calls.
 - **For notification**: Make settings for operations for receiving notifications.
 - **Haptic feedback**: Set whether to activate the vibrator when a specific key operation etc. is carried out.
 - **Audible touch tones**: Set whether or not to enable operation sounds for when touching menus etc.
 - **Dial pad touch tones**: Set whether or not to enable dialing sounds.
 - **Screen lock sounds**: Set whether or not to enable sounds for when locking/unlocking the touch panel.
 - **Sound start charging**: Set whether to ring sounds when charging starts.

Mode settings

You can set to avoid disturbing others when in public.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Sound] ▶ [Mode settings]
 - Alternatively,  (for at least 1 second) ▶ /[*]/[]/[] to enable/disable the manner mode.
- 2 Select the type of the manner mode
 - **Standard manner mode**: The ringtone and operation sound are silenced, and the vibrator is activated when receiving a call or others. When Answering memo setting is set to [Mannermode], the answering memo is enabled and operated according to its setting.
 - **Drive manner mode**: The ringtone and operation sound are silenced, and even the vibrator is not activated when receiving a call or others. The answering memo is enabled and operated with Answering message setting set to [Drive(Mickey&Minnie)].
 - **Silent manner mode**: The ringtone and operation sound are silenced, and even the vibrator is not activated when receiving a call or others. When Answering memo setting is set to [Mannermode], the answering memo is enabled and operated according to its setting.
 - **OFF**: Disable the manner mode.

- The following sounds are not silenced even when the manner mode is set.
 - Shutter sound of shooting still pictures
 - Focus locking sound of shooting still pictures
 - Record start/end sound of shooting videos
 - Media playback sound (music, video, Mobacas, TV, etc.)
- While the manner mode is set, the ringtone volume cannot be changed by pressing /().

Illumination

You can set when to make the incoming/charging illumination flash according to the settings of Disney Illumi Controller. You can set a flashing pattern or an illumination color for when receiving a call individually.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Illumination]

2 Select an item

- **Disney Illumi Controller**: For details P. 31 “Disney Illumi Controller”
- **Illumi pattern/color for incoming call**: Make settings for a flashing pattern or an illumination color for when receiving a call.
 - Set it to [Illumi Controller] to make the illumination flash according to the settings of Disney Illumi Controller.
- **Notification**: Set whether to make the illumination flash when receiving a notification.
- **When display turns on**: Set whether to make the illumination flash when the display is turned on.
- **For incoming call**: Set whether to make the illumination flash when receiving a call.
- **For rumbling alarm**: Set whether to make the illumination flash while an alarm is ringing.
- **When start charging**: Set whether to make the illumination flash when charging starts.
- **When unlocking**: Set whether to make the illumination flash when unlocking the touch panel.

- If Smartphone pierce (sample) is inserted into the handset, the pierce shines according to the settings of Illumination.
- The color of flashing for Smartphone pierce cannot be changed.

Display

You can make settings for the screen display etc.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Display]

2 Select an item

- **Wallpaper**: Set an image for the home screen.
- **Welcome Sheet(lock screen)**: Make settings for the screen displayed when the touch panel is locked. For details on the settings P. 16 “Welcome Sheet settings”
- **EDGESt Effect**: Make settings for the effect on edges of the screen shown when the display is turned on, during an incoming call, etc.
- **Brightness**: For details P. 69 “Brightness”
- **Screen timeout**: Set the light duration of the backlight.
- **Quality mode**: Make settings for the picture quality.
- **Auto-rotate screen**: Set whether to switch the screen to horizontal/vertical display when rotating the handset 90° to the left/right.
- **Screen on/off with motion**: For details P. 69 “Screen on/off with motion”
- **Font Settings**: Make settings for the text size or text font.
- **VeilView**: For details P. 70 “VeilView”
- **Daydream**: Set whether to use the screen saver.
- **Display left percents of Battery**: Set whether to display the percentage of the remaining battery level on the status bar.

[Welcome Sheet(lock screen)]

- You can set it only when [Feel UX] is selected in Batch change lock screen/ home application.

[Screen timeout]

- Note that the continuous stand-by time is shortened when increasing the light duration.

[Auto-rotate screen]

- This function may not follow the setting depending on the app in use.

[Font Settings]

- Font may not appear correctly when activating an app downloaded from Google Play etc.

Brightness

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Display] ▶ [Brightness]

2 Select an item

- **Automatic brightness**: Set whether to automatically adjust brightness of the backlight. When not automatically adjusting, set the brightness manually.
- **Brighten while charging**: Set whether to brighten the display while charging.

3 [OK]

[Automatic brightness]

- Note that the continuous stand-by time is shortened when increasing the brightness of the screen.

Screen on/off with motion

You can make settings for the functions to turn the display on/off with motions such as when you hold the handset with your hand, when you put it into your pocket or when you slide the touch panel with your finger.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Display] ▶ [Screen on/off with motion]

2 Select an item

- **Bright Keep**: Set whether to set the display not to be turned off while holding the handset with your hand.
- **Turn off by putting flatly**: Set whether to set the display to be turned off when placing the handset on a place nearly parallel to the ground regardless of the setting of Screen timeout.
- **Turn off by putting in pocket**: Set whether to set the display to be turned off when putting the handset in your pocket.
- **Sweep ON**: Set whether to set the display to be turned on by sliding the touch panel with your finger while the display is turned off.
- **Video tutorial**: Connect to the SHARP website and check how to use with a video tutorial.

[Bright Keep]

- If you do not move or operate the handset for a certain period of time, the display may be turned off even while Bright Keep is set and you are holding the handset with your hand.
- When Bright Keep is set to [ON (Notify)], is displayed on the status bar.

[Turn off by putting flatly]

- This function is available when Bright Keep is set to [ON (Notify)]/[ON (Not notify)].
- This function may not follow the setting depending on the app in use.

[Turn off by putting in pocket]

- This is activated when the lock screen of the touch panel is displayed, or while a home app is being used.
- If you enable [Turn off by putting in pocket] while [Switching by motion] of VeilView is enabled, [Switching by motion] is disabled.

[Sweep ON]

- If the proximity sensor is covered with a hand, an object, etc., the display cannot be operated by touching to prevent inadvertent operations although the display is turned on. Also, the display may be turned off regardless of the setting of the handset.

VeilView

You can prevent others from seeing the display.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Display] ▶ [VeilView]

2 Select an item

- **VeilView**: Set whether to enable VeilView.
- **Switching by motion**: Set whether to make VeilView able to be enabled/disabled by putting your hand over the upper part of the display side for approximately 2 seconds.
- **Pattern setting**: Set the display pattern.
- **Improve appearance**: Make an adjustment for how the display looks like when it faces you.

[VeilView]

- [VeilView] is disabled if the power is turned off.

[Switching by motion]

- Note that this function may be operated in the following cases.
 - When the upper part of the display side is covered while you are carrying the handset in a bag, pocket, etc.
 - When you put the handset with the display side turned down
 - When you place an object on the upper part of the display side
- This function may not be operated on horizontal display, during a call, etc.
- If you enable [Switching by motion] while [Turn off by putting in pocket] of Screen on/off with motion is enabled, [Turn off by putting in pocket] is disabled.

[Pattern setting]

- The effect of preventing others from seeing may differ depending on the selected patterns.

Storage

You can check the available space on a microSD Card, the handset, etc., manage files, etc.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Storage]

2 Select an item

- **Mount microSD/Unmount microSD**: Mount/Unmount the microSD Card.
- **Erase microSD**: Format the microSD Card.
- **Unmount USB memory**: Unmount the USB memory.
- **File Management**: Manage data saved on the USB memory etc.

- Precautions about inserting and removing a microSD Card are displayed every time the handset power is turned on.

[Mount microSD], [Unmount microSD]

- Unmount the microSD Card and turn off the power before inserting/removing the microSD Card.

[Erase microSD]

- Note that all the data on the microSD Card will be deleted when formatted.

[Unmount USB memory]

- Unmount the USB memory before removing it.

USB connection

You can change the settings for connecting the handset to a PC using Micro USB Cable 01 (sold separately).

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Storage] ▶ [USB connection]

2 Select an item

- **MTP mode**: This is a mode for transferring data to the handset memory or a microSD Card using a PC compatible with MTP.
- **PTP mode**: This is a mode for transferring still pictures to the handset memory using a PC compatible with PTP.
- **Card reader mode**: This is a mode for using a microSD Card inserted into the handset as an external memory for a PC.

- When you transfer a great deal of data, the transference may be interrupted. In this case, split the data into several files and send them separately.

Battery & energy saving

You can activate Energy saving settings or Energy save standby, check the battery level, etc.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Battery & energy saving]

2 Select an item

- **Energy saving settings**: For details P. 70 "Energy saving settings"
- **Energy save standby**: For details P. 71 "Energy save standby"
- **Battery**: Visually check changes in the remaining battery level, battery consumption level, etc.

Energy saving settings

You can activate Energy saving settings. You can also set to switch to Energy save according to the battery level and the time.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Battery & energy saving] ▶ [Energy saving settings]

2 Set



1 Energy save

- Switch to Energy save.

2 Edit

- Set the functions to save energy for individually such as Energy saving standby.

3 Switch by batt.

- Set whether to switch to Energy save when the battery level reaches the specified level.

4 Battery level to switch

- Set the battery level to switch to Energy save at.

5 Switch time

- Set whether to switch to Energy save when specified time arrives.

- When Energy saving standby is set to [ON], it controls the apps that operate in the background while the display is turned off.
- The apps that communicate periodically may not start the communication even if Energy saving standby is set to [OFF]. In this case, set the corresponding app again.

When [Energy save] is enabled by Switch by batt.

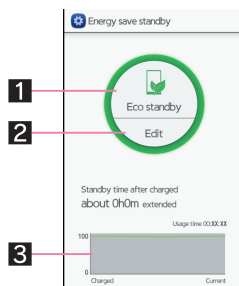
- [Energy save] is not disabled even when the time set for Switch time arrives.
- [Energy save] is disabled when the battery level exceeds the battery level to switch.
- [Energy save] is not disabled even if [Switch by batt.] is disabled.

Energy save standby

You can control the apps that operate in the background while the display is turned off.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Battery & energy saving] ▶ [Energy save standby]

2 Set



1 Eco standby

- Switch to Eco standby.

2 Edit

- Set apps to control.

3 Battery usage status

- Visually check changes in the remaining battery level, battery consumption level, etc.

Useful

You can make settings for エモパー(Japanese only) (emopa (Japanese only))/Grip sensor/Recent apps key/Navigation key, perform Self check, etc.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Useful]

2 Select an item

- **エモパー(Japanese only)** (emopa (Japanese only)): For details ㊦ P. 71 “emopa”
- **Grip sensor**: For details ㊦ P. 18 “Grip sensor”
- **Recent apps key**: Set a function to use when you touch [㊦]. For details ㊦ P. 17 “Operation while using function”
- **Self check**: For details ㊦ P. 72 “Self check”
- **Navigation key**: Make settings for intervals among the navigation keys.

emopa

Based on your information and settings of emopa registered in advance, the handset delivers various information through voice or screen display in the lock screen of the touch panel. The handset will get to deliver information at better timing by learning the usage conditions of your handset.

- Packet communication charges are incurred when you use emopa.
- The present location may be measured so that emopa can recognize your home etc. or talk to you. It is necessary to set Location to [ON] to measure the present location. Set Mode of Location to [High accuracy]. If Location is set to [OFF] or Mode is set to [Battery saving], emopa cannot deliver information requiring measurement of the present location (㊦ P. 73 “Location”).
- エモパー(Japanese only) (emopa (Japanese only)) is set to [OFF] by default.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Useful] ▶ [エモパー(Japanese only)] (emopa (Japanese only))

- If the initial settings are not completed, the initial settings screen appears. Follow the instructions on the screen and operate.
- It is recommended to make settings for 自宅 (Home) and 職場・学校 (Workplace and school) of [あなたについて] (About you) after completing the initial settings.

2 Select an item

- **エモパー選択** (Select emopa): Set emopa and its name.
- **マナーモード中でも声でお話し** (Talk to you during manner mode): Set whether to have emopa deliver information with voices even while the manner mode is set.
- **あなたについて** (About you): Make settings for your information such as your nickname, home, workplace and school.
- **エモパーの話題** (Topics of emopa): Set what kind of information emopa delivers.
- **エモパーの記憶** (Memories of emopa): Save, delete or restore information registered for emopa or contents learned by emopa.
- **初期設定** (Initial settings): Make initial settings for emopa.
- **注意事項** (Precautions): Check the terms of service, privacy policy and location information of a facility etc. you use now.

Timing for emopa to talk

- If you put down the handset horizontally etc. while the lock screen of the touch panel is displayed or while the display is turned off in a place which you set for 自宅 (Home) of [あなたについて] (About you), emopa starts to talk.
- If you shake the handset several times (approximately 2 seconds) in the lock screen in a place which you set for 自宅 (Home) of [あなたについて] (About you) or other places, emopa starts to talk regardless of the time.

- If you do not make settings for 自宅 (Home) of [あなたについて] (About you), emopa automatically recognizes your home. It takes a few days to finish recognizing your home.
- When you make initial settings for emopa, [Pedometer On] is enabled (㊦ P. 65 “Pedometer”).
- You can adjust the volume by pressing [⏮(+)]/[⏭(-)] while emopa is talking.
- emopa does not talk from 2:00 a.m. to 5:00 a.m.
- emopa supports only Japanese.
- Information delivered by emopa may not accurately correlate to the usage conditions of your handset.

- If the proximity sensor is responding such as when the handset is put down with its display turned down, emopa does not talk. Also, if the proximity sensor is covered with a hand, an object, etc. while emopa is talking, emopa stops talking.
- When [docomo LIVE UX] is selected in Batch change lock screen/ home application and you do not set “デジタルクロック(エモパー)” (Digital clock (emopa)), a widget, in the lock screen of the touch panel, emopa cannot deliver information on the screen display.
- Information delivered by emopa is restricted overseas.

Self check

You can perform Self check of the handset.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Useful] ▶ [Self check]**
- 2 [Start checking] ▶ select items ▶ [Next]**
 - To restart the handset in safe mode: [Reboot with safe mode] ▶ [OK]
 - Touch [?] of an item to display help about the diagnosis.
- 3 [Next]**
 - To make a diagnosis on a displayed item: [Start diagnosis]
 - To stop a diagnosis: [Cancel] ▶ [Next item]/[Yes]
 - Touch the history items of the diagnoses to check the results.

Application

You can check names, versions, memory usage, etc. of apps, enable/disable apps, uninstall them, etc.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Application]**
- 2 Select an app**

Disabling an app

Terminate operations of an app and set it not to be displayed on the Apps Sheet without uninstalling it.

- You can disable apps which cannot be uninstalled.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Application]**
- 2 Select an app ▶ [Disable] ▶ [OK]**

- If you disable an app, other apps which link up with the disabled app may not work properly. In this case, enable the app.

Enabling an app

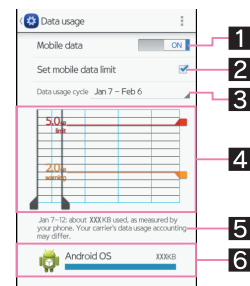
- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Application]**
- 2 Select an app ▶ [Enable]**

Data usage

You can measure the volume of data communicated via mobile networks and display it on a diagram. Also, you can set the handset to give you a warning or make data communication no longer available once the communication volume reaches its set limit.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Data usage]**

2 Check the data communication volume



1 Mobile data

- Set whether to use data communication.

2 Set mobile data limit

- Set the limit on the data communication volume and suspend data communication once the limit is reached.
 - In the Data usage screen, [≡] ▶ [Background restrictions] ▶ [OK] to restrict data communications made by apps running in the background.

3 Data usage cycle

- Set the date on which the display of the data communication volume will be reset.

4 Diagram

- Display the data communication volume.
- Warning line or limit line can be set.

5 Data communication volume during a set period

6 App having used data communication

Synchronizing data

You can synchronize data between the handset and online services. You can access the same personal information as those stored in online services from the handset and PC, and you can use and update data by synchronizing them.

Automatic synchronization

Set whether to automatically synchronize items set in each account.

- In the home screen, display the Apps Sheet ▶ [Settings] ▶ select an account type ▶ select an account to set items to be automatically synchronized.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Data usage]**
- 2 [≡] ▶ [Auto-sync data] ▶ [OK]**

- Register a Google account in advance when you synchronize the phonebook of the handset memory with contacts on the online services even if you synchronize with an account other than Google account.

Manual synchronization

- When Auto-sync data is disabled, you can synchronize selected items manually.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ select an account type ▶ select an account**
- 2 Select items to be synchronized**

More

You can make settings for other functions in **WIRELESS & NETWORKS**.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...]

2 Select an item

- **Airplane mode**: Restrict the use of some functions using communication such as call/mail function.
- **Default SMS app**: Set an app to send and receive SMSs with.
- **Tethering**: For details ⓘ P. 24 “Tethering”
- **NFC/Osaifu-Keitai settings**: For details ⓘ P. 52 “NFC/Osaifu-Keitai settings”
- **Wireless output(Miracast)**: For details ⓘ P. 85 “Wireless output (Miracast)”
- **Home network settings**: For details ⓘ P. 84 “Home network settings”
- **VPN settings**: Make settings for VPN. For details ⓘ P. 86 “Adding VPN”
- **Mobile networks**: Make settings for use overseas. For details ⓘ P. 87 “Settings for use overseas”

[Airplane mode]

- When [Lock SIM card] is enabled, you cannot call to the emergency number (110, 119 or 118). When [Lock SIM card] is disabled, you can call to the emergency number (110, 119 or 118) even in Airplane mode. If you call to the emergency number, [Airplane mode] is disabled and the call is made.
- The Wi-Fi and Bluetooth function can be set to [ON] even when [Airplane mode] is enabled.

docomo service/cloud

You can make settings for the docomo service.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [docomo service/cloud]

2 Select an item

- **docomo ID設定** (Set docomo ID): Set a docomo ID.
- **docomo cloud**: Make settings for docomo cloud.
- **docomo apps management**: Make settings for the confirmation for updating apps etc.
- **docomo apps password**: Set a password to use for apps provided by DOCOMO.
- **AUTO-GPS**: Make settings for AUTO-GPS.
- **docomo location information**: Make settings for the location information service function.
- **Send device error information**: Set whether to send error information to the server.
- **Remote Initialization Service**: Make settings to use services which enable you to initialize data on the handset etc. by remote control.
- **Profile setting**: Check or change your profile used in the docomo service.
- **Switch USB debugging**: Set whether to enable USB debugging.
- **Open source licenses**: Display the open source licenses.

- Some apps displayed in docomo service/cloud can be disabled. The disabled apps may not be displayed in docomo service/cloud.

- When you newly download apps provided by DOCOMO, the downloaded apps may be displayed in docomo service/cloud.

[docomo apps password]

- docomo apps password is set to [0000] by default.

Location

You can make settings for measuring location information.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Location]

2 Slide [OFF] to the right

- When the confirmation screens asking for “consent of users” and “consent on location information” are displayed, select [Disagree]/[Agree].

3 Select an item

- **Mode**: Set a mode to measure location information with using GPS satellites, access points of Wi-Fi or base stations for mobile phones.
- **Google Location Reporting**: Set whether to back up and use the latest location data of the handset etc. related to a Google account via Google periodically. Also, you can set to back up location history via Google. Set up a Google account to set it.
- If there are recent location requests, touch one of them to check the information on the app.

- It is necessary to set Location to [ON] to measure the present location. Some apps require that settings be made for location information by using the apps.

[Mode]

- Power consumption of the handset may increase depending on the set mode.
- The mode to be set may differ depending on whether you select [Disagree] or [Agree] on the confirmation screens asking for “consent of users” and “consent on location information”.

Lock & security

You can make settings for the security lock.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Lock & Security]

2 Select an item

- **Screen lock**: Make settings for the unlock method of the touch panel for when the power or display is turned on.
- **NFC screen-unlock settings**: Make settings for disabling Screen lock via NFC.
- **Enable widgets**: Set whether to make widgets able to be added to the lock screen.
- **Owner info**: Make settings for the owner's information to be displayed on the lock screen of the touch panel.
- **Application lock**: For details ⓘ P. 74 “Application lock”
- **Secrecy settings**: For details ⓘ P. 74 “Secrecy settings”
- **Contacts data access monitor**: Restrict apps or services which use the phonebook information.
- **Set up SIM card lock**: For details ⓘ P. 75 “Setting up SIM card lock”
- **Encrypt phone**: For details ⓘ P. 75 “Encrypting phone”
- **Visible passwords**: When you enter the PIN code etc., you can display the entered characters before they turn into [·].
- **Device administrator**: Set whether to authorize a device administrator to manage devices.
- **Unknown sources**: Allow installation of apps received via websites other than Google Play, mails, etc.
- **Verify apps**: Prevent installation of apps which may cause damage or set whether to display the confirmation screen before installing apps.
- **Storage type**: Display the storage type.
- **Use secure credentials**: Allow access to secure certificates and other credentials.

- **Install certificates:** Install encrypted certificates.
- **Clear credentials:** Delete all credentials.

[Screen lock]

- If you enter wrong patterns, time during which you cannot enter the pattern gets longer according to how many times you have entered wrong patterns.
 - Five times in a row: 30 seconds
 - 10 times in a row: 1 minute
 - 15 times in a row: 15 minutes
 - 20 times in a row: 60 minutes

After you have entered wrong patterns 20 times or more in a row, you cannot enter the pattern for 60 minutes each time you enter wrong patterns five times in a row. If you enter the correct pattern, the count is reset.
- If you have set up your Google account and entered wrong patterns five times in a row, [Pattern reminder] is displayed. Unlock the touch panel by signing in with your Google account and set a method for unlocking the touch panel again.
- The following items can be set.
 - None: The lock screen of the touch panel is not displayed.
 - Slide or Touch: Set the touch panel to be unlocked by sliding [👉]. When the lock screen is switched, touch [🔓] to unlock.
 - Face Unlock: Set the touch panel to be unlocked by using the face recognition function.
 - Pattern: Set a pattern which forms by linking four or more dots.
 - Lock No.: Set four- to sixteen-digit number.
 - Password: Set four to sixteen alphanumeric or half-width symbols including at least one alphabet.
 - Some half-width symbols are not available.
- The following items in Lock & Security may be displayed/hidden depending on the settings in Screen lock.
 - Improve face matching: Detect the face again over which face recognition (Face Unlock) is to be carried out.
 - Liveness check: Set to unlock the screen by blinking your eyes when face recognition (Face Unlock) is carried out.
 - Make pattern visible: Display tracks of the entered pattern with line.
 - Automatically lock: Set how long it takes the touch panel to be locked.
 - Power key to lock instantly: Set whether to lock the touch panel regardless of the time set in Automatically lock when you turn off the display by pressing [🔑].
 - Enable widgets: Set whether to make widgets able to be added to the lock screen.

[Unknown sources]

- Apps you download from the websites may be of unknown origin. To protect your handset and personal data, download apps only from trusted sources such as Google Play.

[Use secure credentials]

- If you delete a certificate, you cannot refer to the certificate from [Use secure credentials] but it can be referred to from other functions. If you want to delete the certificate completely, carry out Clear credentials.

[Clear credentials]

- Settings for VPN are also deleted.

Application lock

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Lock & Security] ▶ [Application lock]

2 Enter the passcode ▶ [OK]

3 Select an item

- **Restrict calls:** Restrict making calls.
- **Make pattern visible:** Display tracks of the entered finger list with line.
- **Haptic feedback:** Activate vibration on entering the finger list, passcode and password.
- **Change security key:** For details 📖 P. 75 “Changing security key”

- If you have set Restrict calls, you need to enter the security key to temporarily disable the restriction.
- You can call to the emergency number (110, 119 or 118) even when you set Restrict calls.

Secrecy settings

You can set contacts in the phonebook not to be displayed in the phonebook, outgoing/incoming call history, etc. by setting the secrecy setting for the contacts.

- When you temporarily disable the secret mode, both normal contacts and contacts for which the secrecy setting is set are displayed.
- If the display is turned off while the secret mode is temporarily disabled, the secret mode is enabled.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Lock & Security] ▶ [Secrecy settings]

2 Enter the passcode ▶ [OK]

- The secret mode is temporarily disabled.

3 Select an item

- **Set contact secrecy:** Set the secrecy setting for contacts in the phonebook.
- **Disable secret mode temporarily:** Make settings for temporary cancellation of the secret mode.
- **Guide:** Display how to temporarily disable the secret mode and explanation for contacts in the phonebook for which the secrecy setting is set.

Disabling the secret mode temporarily

1 Drag the status bar down

2 Touch and hold [🔒]

3 Enter the passcode ▶ [OK]

Security codes used on the handset

Some functions for convenient use of the handset require security codes. In addition to security code used for various handset operations, use security codes such as the network security code when using network services. Use security codes properly according to the purposes to fully utilize the handset.

- Entered security code for various functions and PIN code turn into [•].

Precautions about various security codes

- Do not use easily predictable numbers for security codes to be set such as “birthday”, “part of a phone number”, “address or room number”, “1111” or “1234”. Keep a separate memo of security codes.
- Keep security codes private. If the security codes are found and improperly used by others, DOCOMO shall not be liable for any damages incurred on the users.
- If you forget your security codes, you are required to bring your identification (a driver’s license etc.), your handset and your docomo nano UIM card to a docomo Shop. For details, contact the number listed in “General Inquiries” on the last page.
- PUK (PIN Unlock Key) is described in the agreement form (customer copy) you received at the time of subscription at a docomo Shop. If you made a subscription at a shop other than a docomo Shop, bring your identification (a driver’s license etc.) and your docomo nano UIM card to a docomo Shop or contact the number listed in “General Inquiries” on the last page.

■ Security key (security code for various functions)

If you set any restrictions, you need to enter the security key to temporarily disable them. [Passcode] ([0000]) is set as a security key by default but you can change it (☎ P. 75 “Changing security key”).

- If you enter wrong security keys five times continuously, you cannot enter it for 30 seconds.

■ Network security code

Network security code is a four-digit code required for confirming the subscriber’s identity when an order is received at a docomo Shop, docomo Information Center or “お客様サポート” (Support), used for accessing various network services, etc. You can set any code at the time of subscription but you can change the code.

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

■ PIN code

A docomo nano UIM card has a security code called PIN code. This security code is set to [0000] by default but you can change the code (☎ P. 75 “Setting up SIM card lock”).

The PIN code is a four- to eight-digit security code that needs to be entered for recognizing the user of the handset every time a docomo nano UIM card is inserted or when a device is turned on to prevent unauthorized use of the docomo nano UIM card by a third party. Making/Receiving a call and the device operation are enabled by entering PIN code.

- Use the previously set PIN code when inserting a docomo nano UIM card that has been used in another device. It is [0000] if the setting has not been changed.
- If you enter wrong PIN codes three times continuously, it is locked and the docomo nano UIM card becomes unavailable. In this case, unlock with “PUK” (PIN Unlock Key).

■ PUK (PIN Unlock Key)

PUK (PIN Unlock Key) is an eight-digit number used to disable the PIN code lock. You cannot change the code.

- If you enter wrong codes 10 times continuously, the docomo nano UIM card is completely locked. In this case, contact a docomo Shop.

Changing security key

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Lock & Security] ▶ [Application lock]
- 2 Enter the passcode ▶ [OK] ▶ [Change security key]
- 3 Select an item
 - **Finger list**: Set a pattern which forms by linking four or more dots.
 - **Passcode**: Set four- to sixteen-digit number.
 - **Password**: Set four to sixteen alphanumerics or half-width symbols including at least one alphabet.

Setting up SIM card lock

You can make settings for the PIN code.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Lock & Security] ▶ [Set up SIM card lock]
- 2 Select an item
 - **Lock SIM card**: Set whether to enter the PIN code when the power is turned on.
 - **Change SIM PIN**: Change the PIN code.

- In Japan, you cannot make a call to the emergency number (110, 119 or 118) when a docomo nano UIM card is not inserted, while the PIN code is locked or from the PUK (PIN Unlock Key) entry screen.
- The setting is saved on the docomo nano UIM card.

Disabling PIN lock

- 1 In the PIN locking screen, enter PUK (PIN Unlock Key)
- 2 Enter a new PIN code
- 3 Enter the new PIN code again

Encrypting phone

You can encrypt data on the handset.

- If you carry out Encrypt phone, the password entry screen for decrypting the storage is displayed every time the power is turned on. Enter the lock number or password set in Screen lock.
- Carry out Reset all to disable Encrypt phone (☎ P. 77 “Resetting all”).
- Carry out the operations while charging the battery with its battery level still left sufficiently.
- Set Screen lock to Lock No. or Password in advance (☎ P. 73 “Lock & security”).

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Lock & Security] ▶ [Encrypt phone]
- 2 [Encrypt phone] ▶ enter the lock number/ password ▶ [Next]
- 3 [Encrypt phone]

- In the password entry screen for decrypting the storage, you cannot make a call to the emergency number (110, 119 or 118).
- Note that all data on the handset are deleted if Encrypt phone is interrupted.

- If you enter wrong lock numbers/passwords 10 or 20 times in a row when decrypting the storage, you cannot enter the lock number/password for 30 seconds. Note that if you enter wrong lock numbers/passwords 30 times in a row, the handset is initialized.
- If you have carried out Encrypt phone, you cannot exchange data while USB connection is made with a PC.

Language & input

You can make settings for the language displayed on the screen, character entry, text-to-speech, etc.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Language & input]

2 Select an item

- **Current selected keyboard**: Set the input software to use when entering characters.
- **Google Keyboard**: Make settings for Google Keyboard.
- **iWnn IME - SH edition**: Make settings for iWnn IME - SH edition. For details on each item that can be set P. 20 "Setting character entry"
- **Google voice typing**: Set whether to use Google voice typing.
- **Moji-Henshu**: Set whether to use Moji-Henshu.
- **Select language**: Select Japanese/English.
- **Voice input settings**: Make settings for the voice input.
- **Text-to-speech output**: Make settings for the voice for reading the characters displayed on the handset.
- **Spell checker**: Set whether to use Spell checker.
- **Personal dictionary**: Register any words into Personal dictionary and display them as conversion candidates when you enter characters with Google Keyboard.
- **Pointer speed**: Set the speed of the pointer.
- **Character code setting**: Set a character code to use when sending data from an app.
 - Touch to set the details of each item.

- Text-to-speech is enabled by downloading voice data, accessibility option, etc.

Keyboard

- When you enter Japanese, use iWnn IME - SH edition.

[Spell checker]

- Japanese is not supported.

Backup & reset

You can back up data using a Google account, transfer data to/from among devices, perform Reset all, etc.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Backup & reset]

2 Select an item

- **Back up my data**: Set whether to automatically back up app data, Wi-Fi passwords, etc. using a Google account.
- **Backup account**: Set a Google account to use when backing up data.
- **Automatic restore**: Set whether to restore backed up data, settings, etc. of an app when you re-install the app.
- **Data transfer**: For details P. 76 "Data transfer"
- **Reset all**: For details P. 77 "Resetting all"

Data transfer

You can import data or back up/restore data on the handset using a microSD Card. In addition, you can import phonebook data on other devices using the Bluetooth function.

- The following data can be backed up to/restored from a microSD Card.
 - Phonebook
 - SMS
 - Bookmark
 - Calendar
 - Notepad*
 - User/Learning dictionary (iWnn IME - SH edition)
 - emopa
- * You need to download the app separately.
- While you are backing up data to a microSD Card, [Airplane mode] is enabled.
- When the available space on the handset memory is less than 11 MB, you cannot back up data to a microSD Card.
- Insert a microSD Card in advance when using one.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer]

- Alternatively, in the home screen, display the Desktop Sheet ▶ (Data transfer) to activate it.

2 Select an item

- **Data import**: Import data using a microSD Card or the Bluetooth function.
- **Save data to microSD**: Save data on a microSD Card.
- **Function information**: Connect to the SHARP website and check how to use with a video tutorial.

■ Saving backup file

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer]

2 [Save data to microSD] ▶ enter the passcode ▶ [OK]

3 Select the data categories to save

- If you select [Address Book], the screen for selecting which account to save is displayed.

4 [Save] ▶ [Yes]

5 [Complete]

- You cannot save the data when the battery level is insufficient.

■ Restoring backup file

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer]

2 [Data import] ▶ [Import] ▶ enter the passcode ▶ [OK]

3 Select backup files to restore

4 [Add registration]/[Delete and register]

- The confirmation screen appears. Follow the instructions on the screen and operate after this step.

- You cannot restore the data when the battery level is insufficient.

- Note that, when you restore User/Learning dictionary (iWnn IME - SH edition) data, User/Learning dictionary (iWnn IME - SH edition) data saved on the handset memory is deleted even if you select [Add registration].

■ Setting/Managing backup file

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer] ▶ [☰] ▶ [Setting]
- 2 Select an item
 - **Organize backup files**: Delete saved backup data.
 - **Addr.book pic backup**: Set whether to back up images registered in a phonebook when backing up the phonebook.
 - **View result screen**: Display the latest result of saving/restoring backup files.

■ Importing phonebook data using Bluetooth function

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Backup & reset] ▶ [Data transfer] ▶ [Data import]
- 2 Select the type of a device from which you import data
 - When the screen asking whether to use the backup data on the microSD Card is displayed, select [Import phonebook data from smartphone.].
- 3 [Next]
- 4 Enable the Bluetooth function of the device from which you import data ▶ [Next]
- 5 Select the device from which you import data ▶ [Start]
 - When the confirmation screen about the settings on pairing appears, select [Pair].
 - When the device from which you import data is Android, set the device to be displayed on the handset.
- 6 [Next]
- 7 [Add registration]/[Delete before registration] ▶ [OK]
 - If you set up multiple accounts, the screen for selecting to which account to register is displayed.
- 8 [OK]

Resetting all

You can erase all data on the handset memory.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Backup & reset] ▶ [Reset all]
- 2 [Reset phone] ▶ enter the passcode ▶ [OK] ▶ [Erase everything]
 - You can also erase data on a microSD Card at the same time by enabling [Delete data in microSD as well.].

- The following data are erased.
 - Data that are created, saved or registered
 - Contents that are set in the "Settings" app
 - Downloaded apps

Date & time

You can make settings for the date and time and their format.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Date & time]
- 2 Select an item
 - **Automatic date & time**: Set whether to automatically adjust the date and time.
 - **Auto timezone**: Set whether to use the time zone provided via a network.
 - **Set date**: Set the date manually.
 - **Set time**: Set the time manually.
 - **Select time zone**: Set the time zone manually.
 - **Use 24-hour format**: Switch 12-hour format/24-hour format.
 - **Choose date format**: Set the date format to display.

When [Automatic date & time] is enabled

- If the handset does not adjust the time for a while after the power is turned on, turn off the power and restart it.
- Time may not be adjusted depending on the signal status.
- The clock may gain or lose a few seconds.

Accessibility

You can make settings for accessibility options.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Accessibility]
- 2 Select an item
 - **Captions**: Make settings for captions to display.
 - **Magnification gestures**: Set whether to zoom in/out the screen by touching the display three times.
 - **Large text**: Set whether to display fonts on the handset in large size.
 - **Power button ends call**: Set whether to end a call by pressing .
 - **Auto-rotate screen**: Set whether to switch the screen to horizontal/vertical display when rotating the handset 90° to the left/right.
 - **Speak passwords**: Set whether to use voice output for passwords.
 - **Accessibility shortcut**: Set whether the accessibility functions can be enabled quickly.
 - **Text-to-speech output**: Make settings for the voice for reading the characters displayed on the handset.
 - **Touch & hold delay**: Set how long you need to keep touching.

[Power button ends call]

- When the display is turned off during a call, use Sweep ON to turn the display on without ending the call.

Printing

You can print with an app supporting the print function by installing a print app (plug-in). To change settings on the installed print app (plug-in), carry out the following operations.

- Install a print app (plug-in) supporting a printer to use in advance.
- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Printing]
 - 2 Select a print service
 - Follow the instructions on the screen and operate after this step.

Device info

You can check the information about the handset.

1 In the home screen, display the Apps Sheet ► [Settings] ► [Device info]

2 Select an item

- **Build number**: Check the build number.
- **Status**: Check the battery level, network in use, etc.
- **Adjust touch panel**: Adjust the touch panel.
- **Adjust sensitivity of sensor**: Adjust the accuracy of retrieval by the motion sensor and geomagnetic sensor.
- **Software update**: For details ⓘ P. 93 “Updating software”
- **Upgrade Android software**: Upgrade the Android version. For details ⓘ P. 95 “Android version upgrade”
- **Legal information**: Check copyright notice, terms of service, etc.
- **Authentication**: Check information such as the certification of conformity with technical regulations.
- **Model number**: Check the model number.
- **Android version**: Check the Android version.
- **Baseband version**: Check the baseband version.
- **Kernel version**: Check the kernel version.

[Adjust touch panel]

- Do not touch the touch panel (display) or ⓘ (⏻), while [DO NOT TOUCH the display.] is displayed.
The adjustment may be failed since the sensitivity adjustment for the whole touch panel is being performed.

[Adjust sensitivity of sensor]

- Make the adjustment approximately 10 seconds after the adjustment screen appears.
- Adjustment may be failed depending on surroundings or other simultaneously running apps. Change the place where you make adjustment, end running apps, etc.

Storage structure

Handset memory (internal storage)

The folder structure, types of data to be saved in each folder, etc. of the default handset memory are as follows.

Alarms	Alarm tones etc. are saved.
Android	Temporary files etc. of installed apps are saved.
DCIM	Still pictures and videos shot with the handset are saved.
Download	Files downloaded on Chrome are saved.
Movies	Videos etc. are saved.
Music	Music data etc. is saved.
Notifications	Notification sounds etc. are saved.
Pictures	Still pictures etc. are saved.
Podcasts	Music data etc. transferred from a podcast is saved.
PRIVATE	Still pictures, videos, music data, etc. are saved.
Ringtones	Ringtones etc. are saved.

microSD Card (external storage)

You can save data on the handset to microSD Card or import data on microSD Card to the handset.

- SH-02G is compatible with commercially available microSD Card of up to 2 GB, microSDHC Card of up to 32 GB and microSDXC Card of up to 128 GB. Also, as for Speed Class*, Class 10 or lower is available (as of November 2014).

* Speed Class as stated above indicates the performance of a microSD Card. Note that all the operations related to the performance indicated by Speed Class are not completely guaranteed.

For information on the microSD Card, refer to the following website.

http://k-tai.sharp.co.jp/support/d/sh02g/peripherals.html#!/microsd_support (in Japanese only)

- The size of a file that can be used is up to 2 GB. For details on recorded TV files (P. 56 "Recording of TV (Full-Seg/1Seg)")
- Do not turn off the handset immediately after inserting the microSD Card in the handset (while writing information needed for the handset operation) or while editing data on the microSD Card. Data may be damaged or the handset may not work properly.
- Format unformatted microSD Cards on the handset before use (P. 70 "Storage"). microSD Cards formatted by PCs or other devices may not be used properly on the handset.
- Data saved on the microSD Cards from other devices may not be displayed or played on the handset. Some data saved on the microSD Card from the handset may not be displayed or played on other devices.
- microSDXC Card can be used only on the devices compatible with SDXC. If you insert a microSDXC Card to devices not compatible with SDXC, data saved on the microSDXC Card may be damaged etc., so do not insert it.
- For using a microSDXC Card with its data damaged again, formatting the microSDXC Card by devices compatible with SDXC is required (all the data will be deleted).

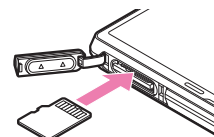
- For copying data to/from among devices not compatible with SDXC, use a card which conforms to the standard of the devices you copy the data to/from such as microSDHC Card or microSD Card.
- Back up the data saved on a microSD Card and store in another place. DOCOMO shall not be liable for any loss or change of the saved data.
- Before inserting or removing (including after unmounting) the microSD Card, turn off the power. Hold the handset securely with your hand. Data may be damaged or the handset may not work properly.
- Precautions about inserting and removing a microSD Card are displayed every time the handset power is turned on.

Inserting microSD Card

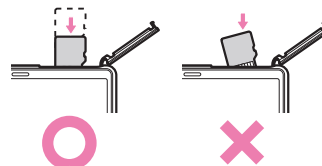
- Open the docomo nano UIM card/microSD Card slot cover (P. 13 "Inserting docomo nano UIM card")
- Insert the microSD Card slowly into the microSD Card slot with the metal terminal side turned up



- Insert the microSD Card slowly with your finger until a click is heard.



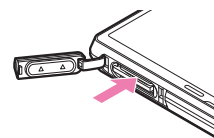
- Do not force the microSD Card in at an angle or with the wrong side up. The microSD Card slot may be damaged.



- Close the docomo nano UIM card/microSD Card slot cover (P. 13 "Inserting docomo nano UIM card")

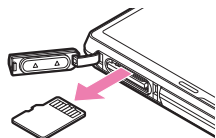
Removing microSD Card

- Open the docomo nano UIM card/microSD Card slot cover (P. 13 "Inserting docomo nano UIM card")
- Gently push the microSD Card towards inside
 - Push the microSD Card until a click is heard. It will come out towards you. Pulling it forcibly may damage the handset or the microSD Card.



3 Remove the microSD Card

- Remove the microSD Card by slowly pulling it straight out.



4 Close the docomo nano UIM card/microSD Card slot cover (☞ P. 13 “Inserting docomo nano UIM card”)

Contents Manager

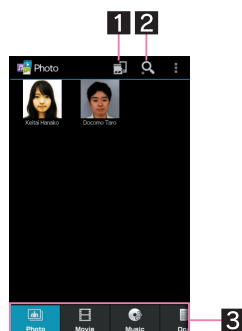
You can manage the data saved on the handset memory or a microSD Card, classify them by type and display them.

1 In the home screen, display the Apps Sheet ▶ [Contents Manager]

- Alternatively, in the home screen, display the Apps Sheet ▶ [SH tool] ▶ [Recommendation] ▶ [Contents Manager] to activate it.

2 Select data

- When a corresponding app has already been installed, select the data to display it.
- When there are multiple corresponding apps installed on the handset, the app selection screen may appear. Select an app to display the data.



1 Save destination

- Display data saved on the selected destination.

2 Search data

- Search for data on the handset memory or a microSD Card by selecting search criteria.

3 Category

- Display data in the selected category.

Category	Displayed data
Photo	Still pictures shot with the handset or downloaded images
Movie	Videos shot with the handset or downloaded videos
Music	Melodies or WMA files
Doc.	Office type data (.doc, .xls, .ppt, .docx, .xlsx, .pptx, .csv), PDF data or Text files
Others	Other data

- Slide it to the left/right to switch displays of category.

Data Communication

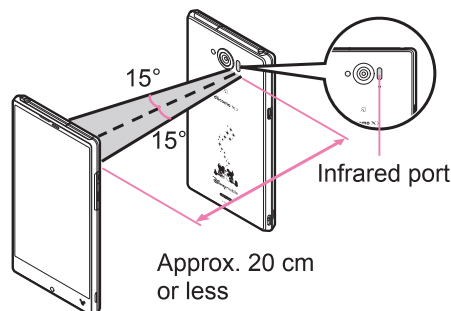
Infrared communication

You can send and receive data to and from other devices etc. equipped with infrared communication function.

Using infrared communication

- You can send and receive phonebooks, docomo mails, My profile, memos, schedules, ToruCa, still pictures, videos, etc.
- The handset infrared communication function complies with IrMC™ 1.1 standard. However, some data may not be sent or received even when the other party's device complies with IrMC™ 1.1 standard.
- Infrared communication is not available in Airplane mode or when [Reader/Writer, P2P] of NFC/Osaifu-Keitai settings is enabled.
- To enter docomo apps password or passcode and to enter authentication code are required for sending and receiving all data items. The authentication code is a password exclusive to infrared communication. Before starting data communication, the sender and receiver must enter the same user-specified four-digit code.

■ When using infrared communication



- Face the infrared ports of the receiver's and sender's devices with each other and set the distance between them to approximately 20 cm or less as shown.
- Keep the infrared ports facing each other and do not move the devices until sending and receiving of data are completed.
- Infrared communication may not function properly in areas exposed to direct sunlight, directly under fluorescent lights or near equipment using infrared signals.
- If either of the infrared ports is dirty, infrared communication will become difficult. Take care not to scratch the ports, and wipe off any dirt with a soft cloth.

Sending and receiving by infrared

- When sending data, you can also operate from each function (menu).

1 In the home screen, display the Apps Sheet ▶ [Infrared]

2 Select an item

- **Send all:** Send all data by selecting an app.
- **Receive:** Receive single data.
- **Receive all:** Receive all data.
- **Open source licenses:** Display the open source licenses.
- Perform the operations for receiving and sending at the same time.
- After the operation for receiving, the handset waits to receive data. Infrared communication automatically begins when data is sent from sender's device within approximately 60 seconds.

- Note that if you select [Save] when receiving all data, all data registered to the target function are deleted.
- Receiving all data may not be available depending on the data type.
- When available space in the save destination becomes insufficient while receiving data, the data being received to that point are saved and receiving ends.

Bluetooth function

You can connect the handset to Bluetooth devices wirelessly.

- Wireless communications with all the Bluetooth devices are not completely guaranteed.

■ Specifications

■ Supported version

Bluetooth standard Ver.4.0*1

■ Output

Bluetooth standard Power Class 1

■ Supported profiles*2 (Supported services)

HSP: Headset Profile*3

HFP: Hands Free Profile*4

A2DP: Advanced Audio Distribution Profile*5

AVRCP: Audio/Video Remote Control Profile*5

HID: Human Interface Device Profile*6

DUN: Dial-up Networking Profile*7

OPP: Object Push Profile*8

SPP: Serial Port Profile*9

PBAP: Phone Book Access Profile*10

PAN: Personal Area Networking Profile*11

HDP: Health Device Profile*12

HOGP: HID Over GATT Profile*13

- *1 The handset and all Bluetooth function-installed devices have ensured that they conform to the Bluetooth specification according to the rules that the Bluetooth SIG defines, and are all authenticated. However, operating methods might differ or data might not be exchanged even when a connection is made, depending on the features or specifications of the connected device.
- *2 Standardizes the communication procedures of Bluetooth device by feature.
- *3 Connect a commercially available Bluetooth compatible headset to the handset to talk wirelessly.
- *4 Connect a commercially available Bluetooth compatible hands-free device such as a car navigation system to the handset to talk during hands-free operation using the car navigation system etc.
- *5 Connect a commercially available Bluetooth compatible audio device to the handset to play music, TV audio, etc. wirelessly. Also, remote control operation may be available from Bluetooth devices. However, compatible devices may be limited depending on the data type.
- *6 Connect a commercially available Bluetooth compatible input device such as a keyboard and mouse to the handset to operate the handset from the device.
- *7 Connect a Bluetooth compatible PC etc. to the handset to use the handset as a modem and make data communications. Note that packet communication charges are incurred. You cannot use mobile networks on the handset during DUN connection.
- *8 Connect a Bluetooth device to the handset with the file transfer service to send and receive data between them.
- *9 Set the virtual connection with a serial cable and interconnect between devices.
- *10 Transfer phonebook data on the handset memory to a Bluetooth device. Data may not be displayed correctly on the other party's device depending on the contents of the transferred phonebook data.

- *11 Join a PC network etc. and share the Internet connection. Also, connect a PC etc. to the handset via Bluetooth to use the Bluetooth tethering.
- *12 Communicate data with a commercially available health appliance compatible with Bluetooth such as a weighing machine.
- *13 Connect a Bluetooth Smart device such as a keyboard and mouse to the handset to operate the handset from the device.

- Refer to manuals of Bluetooth devices as well.
- The settings of access points for DUN profile can be changed from a Bluetooth device such as a PC or car navigation system. If connection to an access point via DUN profile becomes unavailable, it is recommended to initialize access points (P. 23 “Resetting an access point”).
- TV audio etc. may not be output with Bluetooth devices which are not compatible with SCMS-T.

Precautions about handling Bluetooth devices

Note the followings when using Bluetooth devices.

- Note the followings to make good connection.
 - Keep the distance between the handset and another Bluetooth device within approximately 10 m with no obstructions in sight. The distance within which you can make connection may be shorter when there are obstructions between them or depending on the conditions of the surroundings (such as walls or furniture) and the structure of a building. Especially when there is a wall, floor or ceiling of reinforced concrete between them, they may be unable to connect with each other. Note the above mentioned distance is not guaranteed.
 - Move the handset and another Bluetooth device as far away as possible from home electric appliances, AV devices, OA devices, etc. before connection. Bluetooth devices are liable to be adversely affected by a microwave oven, so move them as far away as possible from the microwave oven while using them. Otherwise, normal connection cannot be performed when other electric devices are powered on or Bluetooth devices may cause noises or reception failure on a TV or radio set.
 - Move the other party's Bluetooth device to a place where connection is possible when there is a broadcast station, radio, etc. near the Bluetooth device and the handset cannot be connected to the device. Strong radio waves may prevent connection between Bluetooth devices.
 - Wireless connection is available with Bluetooth devices put in a bag or pocket. However, lowering of communication speed or noise may result when you are in between the Bluetooth device and the handset.
- Electromagnetic signals from Bluetooth devices may affect the operation of electronic medical equipment etc. As some cases may result in accident, turn off the handset and other Bluetooth devices in the following places.
 - On trains
 - On airplanes
 - In hospitals
 - Near automatic doors or fire alarms
 - In places such as gas stations where flammable gas is generated

Radio interference with Wi-Fi compatible devices

- The Bluetooth devices use the same frequency band (2.4 GHz) as wireless LANs (IEEE 802.11b/g/n). Therefore, using a Bluetooth device near a wireless LAN device may cause the radio interference, lowering of communication speed, noise or connection failure. In this case, turn off the wireless LAN device or keep the handset and the other party's Bluetooth device at least approximately 10 m away from the wireless LAN.

Using Bluetooth function

- To register/connect a Bluetooth device, the Bluetooth passkey may need to be entered. Before starting the registration, decide one- to sixteen-digit number. Enter the same number on the handset and the other party's Bluetooth device.
- Set the other party's Bluetooth device to the registration stand-by status in advance.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Bluetooth]

2 Slide [OFF] to the right

3 Select a Bluetooth device ▶ [Pair]

- The confirmation screen for connection may be displayed.
- Entering the Bluetooth passkey may be necessary depending on the other party's Bluetooth device. Also, some Bluetooth devices may start connection after completing registration.
- To display/hide the handset's information on other Bluetooth devices: [SH-02G]
 - The handset's information is automatically hidden when the period of time set for Visibility timeout has passed.
- To search for Bluetooth devices: [SEARCH FOR DEVICES]
- Touch [↗] of a paired Bluetooth device to change the name and the connection type of the other party's Bluetooth device.

- You can connect up to seven Bluetooth devices at the same time. Bluetooth devices may not work properly or the number of Bluetooth devices which can be connected at the same time may differ depending on the profile.
- If you fail to connect a Bluetooth device, connection may become available after re-registering it.
- When the Bluetooth function is set to [ON], the handset is set to receive registration requests/connection requests from other Bluetooth devices. Make the setting for displaying the handset's information on other Bluetooth devices in advance to allow the handset to be searched for by other Bluetooth devices.
- While in connection stand-by, even if a connection request from a Bluetooth device is received, connection may not be made depending on the signal status etc.
- For details on the operations of the other party's Bluetooth device, refer to the manuals of the Bluetooth device to be used.

■ When receiving registration request from Bluetooth device or connection request from unregistered Bluetooth device

1 Registration request/Connection request from Bluetooth device

2 Drag the status bar down ▶ [Pairing request] ▶ [Pair]

- When the confirmation screen about the settings on pairing appears, select [Pair].
- Entering the Bluetooth passkey may be necessary depending on the other party's Bluetooth device.
- The confirmation screen for connection may be displayed.

■ Unregistering Bluetooth device

1 In the Bluetooth screen, [↗] of the Bluetooth device to unregister ▶ [Unpair]

■ Disconnecting Bluetooth device

1 In the Bluetooth screen, select the Bluetooth device to disconnect ▶ [OK]

■ Setting Bluetooth

- Set after setting the Bluetooth function to [ON].

1 In the Bluetooth screen, []

2 Select an item

- **Rename phone:** Change the handset's name.
- **Visibility timeout:** Set how long the handset's information will be displayed on other Bluetooth devices.
- **aptX:** Set whether to use aptX®.
- **Handsfree setting:** Set whether to always have voices output from the connected Bluetooth compatible hands-free device during a voice call.
- **Show received files:** Display the history of data received via Bluetooth connection.

[aptX]

- When you enable [aptX], sounds may not be output depending on the Bluetooth device. In this case, disable [aptX].

Sending and receiving by Bluetooth

■ Sending data

Example: Still picture

1 In the home screen, display the Apps Sheet ▶ [Contents Manager] ▶ [Photo]

2 Touch and hold a still picture ▶ [Share] ▶ [Bluetooth]

- Set the receiver's Bluetooth device to the reception stand-by status.

3 Select a Bluetooth device to connect to

■ Receiving data

1 Data is sent from the sender's Bluetooth device

2 Drag the status bar down ▶ select the incoming notification ▶ [Accept]

3 Drag the status bar down ▶ select the received data

- Note that if you select [Delete and register] when receiving all data, all data registered to the target function are deleted.
- Receiving all data may not be available depending on the data type.
- When available space in the save destination becomes insufficient while receiving data, the data being received to that point are saved and receiving ends.

■ NFC communication

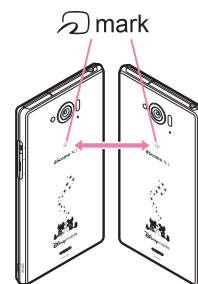
NFC stands for Near Field Communication and is a near field wireless communication system which conforms to the international standards set by ISO (International Organization for Standardization). You can use the contactless IC card function, reader/writer function (R/W), Peer to Peer function (P2P), etc. on the handset.

Android Beam

You can send and receive data to and from devices which support Reader/Writer, P2P function.

- Enable [Reader/Writer, P2P] and set Android Beam to [ON] in advance (P. 52 "NFC/Osaifu-Keitai settings").
- Android Beam is not available in Airplane mode or when NFC/Osaifu-Keitai lock is set.
- In the following cases, data may not be sent by Android Beam.
 - During charging
 - During earphone/microphone connection
 - During USB connection
- You can send and receive phonebooks, still pictures, videos, etc.
- Android Beam may not be available depending on the app.
- Communication with all devices which support Reader/Writer, P2P function is not completely guaranteed.

■ When using Android Beam



- Use while placing the mark of the receiver's device over that of the sender's device as shown.
- Do not move the devices until sending and receiving of data are completed.
- There may be some cases in which data are poorly sent and received or the display is turned off by positioning a device near depending on the other party's device. In this case, put a distance between the marks apart/closer or move them up/down or to the left/right.
- Other precautions are the same as those for when you hold the handset over the other device (P. 51 "Precautions about holding over the other device").

■ Sending data

Example: Phonebook

1 In the home screen, display the Apps Sheet ▶ [docomo phonebook] ▶ [Contacts] ▶ select a name

2 Place the mark over that of the other party's device

- [Touch to beam] appears.
- If "License Agreement" is displayed, check the content, follow the instructions on the screen and operate.

3 Touch the screen

■ Receiving data

1 Place the mark over that of the other party's device

External Device Connection

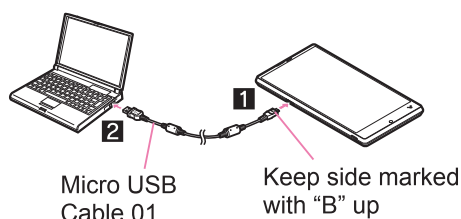
PC connection

You can use a microSD Card as an external memory for a PC or transfer data by connecting the handset and the PC.

Connecting the handset and PC

- 1 Insert the microUSB plug of Micro USB Cable 01 (sold separately) horizontally into the external connector terminal on the handset with the side marked with “B” turned up (1)
- 2 Insert the USB plug of Micro USB Cable 01 horizontally into the USB connector on a PC (2)

- For details on the mode of USB connection P. 70 “USB connection”



- Use Micro USB Cable 01 as a USB cable. USB cables for PC are not available, since the plug shape is different.
- Using a USB HUB may prevent the equipment from working normally.
- Do not remove Micro USB Cable 01 while exchanging data with PC. Data may be damaged.
- Windows Vista, Windows 7, Windows 8 and Windows 8.1 all of which are Japanese version are available OS of PCs for the connection.

microSD reader/writer

You can use a microSD Card as an external memory for a PC.

- Insert a microSD Card and set the mode of USB connection to [Card reader mode] in advance (P. 70 “USB connection”).
- When using a microSDXC Card, refer to P. 84 “Transferring data”. When a message indicating to format the microSDXC Card is displayed, do not format it.

- 1 Connect the handset to a PC via Micro USB Cable 01
 - The USB mass storage screen appears. If the screen does not appear, drag the status bar down and select [USB connected].
- 2 [Turn on USB storage]
 - When the confirmation screen is displayed, check the content and select [OK].
- 3 Use as a microSD reader/writer
- 4 Perform secure hardware removal on the PC after use
- 5 [Turn off USB storage]
- 6 Disconnect Micro USB Cable 01 from the handset and the PC

- While using as a microSD reader/writer, microSD Card cannot be used by apps. In addition, microSD Card may not be used as a microSD reader/writer while it is used by apps.

Transferring data

Transfer data from a PC to the handset memory or a microSD Card.

- Set the mode of USB connection to [MTP mode] or [PTP mode] in advance (P. 70 “USB connection”).

- 1 Connect the handset to a PC via Micro USB Cable 01
- 2 Transfer data
- 3 Disconnect Micro USB Cable 01 from the handset and the PC after use

Printing/Saving by print service

You can print images using a print app (plug-in) or save images in Google Drive etc.

Example: When using Album

- 1 In the image displaying screen of Album, [Menu] ▶ [Print by print service]
- 2 Set each item ▶ [Print]/[Save]

Home network settings

Using Wi-Fi connection, you can watch the still pictures and the videos and listen to the music data on a microSD Card with a home network compatible TV etc.

- You can make public the following data managed by Contents Manager.

Data type	File format
Still picture*1	JPEG
Video	MP4, 3GP (Video codecs: H.264, Audio codecs: aac)
Music data*2	MP3, LPCM (44.1 kHz/2ch), WAV (44.1 kHz/2ch)

*1 Still pictures whose image size is larger than “4,096 × 4,096” cannot be displayed.

*2 WAV files can be played only when their data format is LPCM. Also, LPCM is not displayed on the handset.

- You may not make data public when the number of each data exceeds 1,000.

- Store the data to make public in the following folders on a microSD Card in advance.

Data type	Folder location
Still picture	¥DCIM, ¥PRIVATE¥SHARP¥CM¥PICTURE
Video	¥DCIM, ¥PRIVATE¥SHARP¥CM¥MOVIE
Music data	¥PRIVATE¥SHARP¥CM¥MUSIC, ¥PRIVATE¥SHARP¥CM¥SOUND

- Make settings for the Wi-Fi connection before using the home network server. For details on the settings of Wi-Fi P. 23 “Wi-Fi settings”

- Refer to the following website for models of TV compatible with connection with the handset.
<http://k-tai.sharp.co.jp/support/d/sh02g/peripherals.html#!/dlna> (in Japanese only)
- As for how to connect the handset from a home network compatible TV, refer to the manual of the home network compatible TV.
- Connection may not be made properly or may be canceled while in use depending on wireless LAN access points or usage environment. In this case, disable [Home network server] in Home network settings and enable it again.
- Check the followings when you cannot connect properly.
 - Access point settings
 - Wi-Fi connecting condition
 - Network settings of the home network compatible device to connect
 - Security software/Firewall settings of the home network compatible device
 - Home network settings of the handset
 - Setting of Wi-Fi optimization

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Home network settings]

2 Select an item

- **Home network server**: Set whether to use the home network server.
- **Wi-Fi for home NW server**: Set the network to be used from the access points set for Wi-Fi connection.
- **Home network server name**: Register the home network server name to be displayed on a home network compatible TV.

USB host function

The USB host function is installed on the handset. You can use USB devices such as mice by connecting a commercially available USB cable for peripheral device connection to the external connector terminal.

- For details on the USB host function, refer to the manuals of the USB cable for peripheral device connection and USB devices.

- Connection with all USB devices is not completely guaranteed.
- Connection with the USB device is disabled when the battery level decreases or the handset temperature lowers.
- When you use the USB host function, the handset operations may slow down.
- When you connect USB devices which consume large amount of electric power, the handset may be automatically turned off depending on the operating state or battery level of the handset, or surrounding temperature.

Removing USB memory

- Unmount the USB memory before removing it (P. 70 "Storage"). Data may be damaged or the handset may not work properly.

Wireless output (Miracast)

You can display the same screen as that of the handset on a TV with a wireless connection function by connecting the handset to the TV.

- You can also connect the handset to other Miracast compatible devices such as a Miracast compatible TV adapter.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Wireless output(Miracast)]

2 Slide [OFF] to the right

3 Select a device to connect to

- The setting screen may be displayed depending on the device to connect to. For details on the setting content, refer to the manual of a Miracast compatible device to use.

- Wireless output may not be available depending on the running app or the displayed content item.
- Wireless output may be terminated during its use depending on the running app.
- During the wireless output, you may not be able to play copyrighted content items.
- Wireless output automatically stops when the battery level becomes insufficient.
- Wireless output is not available during a call or incoming call. If you receive a call during the wireless output, the wireless output stops.
- When [Wi-Fi optimization] of Wi-Fi is enabled, you may not be able to connect the handset to the device to connect to properly. In this case, disable [Wi-Fi optimization].
- The handset may be subjected to radio interference and image distortion or jumpiness may occur depending on the conditions of the surroundings. Also, connection may fail or output may be terminated. Use this function in a condition with no obstructions or other wireless devices put between the handset and a TV etc.

Cooperating with Blu-ray Disc recorder

If you connect the handset and a Blu-ray Disc recorder compatible with the home network function to the Wi-Fi network, you can watch/play TV programs received/recorded with the Blu-ray Disc recorder on the handset.

Also, if you connect a home network function compatible TV to the Wi-Fi network, you can display/play videos, still pictures, music, etc. the handset stores on the TV.

- This app uses DiXiM SDK.

The license of "DiXiM" is provided by DigiOn, Inc.

For details, refer to the website of DigiOn, Inc.

<http://www.digion.com/>

1 In the home screen, display the Apps Sheet ▶ [SH tool] ▶ [Recommendation] ▶ [AV Device Link]

2 Select an item

- **Watch programs recorded in recorder**: Play programs recorded with Blu-ray Disc recorders on the handset or transfer the programs to the handset.
- **Watch programs dubbed to device**: Play programs transferred from Blu-ray Disc recorders to the handset.

- **Use other functions:** Display/Play videos, still pictures, music, etc. the handset stores on a TV or watch programs received with Blu-ray Disc recorders on the handset.

- When [Wi-Fi optimization] of Wi-Fi is enabled, you may not be able to connect the handset to the device to connect to properly.
In this case, disable [Wi-Fi optimization].
- If you transfer programs, the number of videos which can be saved on the handset decreases.
- A high bit rate video such as a FullHD one shot with the camera may not be played smoothly on the handset via a home network.

VPN (Virtual Private Network)

Adding VPN

VPN (Virtual Private Network) is a connection method to prepare and connect safely to a virtual dedicated line on the network of a household PC or in an office from outside etc.

- Acquire information about the security from network administrators to set VPN connection from the handset.
- Set Screen lock to Pattern, Lock No. or Password in advance (P. 73 "Lock & security").

- 1 In the home screen, display the Apps Sheet ▶
[Settings] ▶ [More...] ▶ [VPN settings] ▶ [+]**
- 2 Set each item ▶ [Save]**

Connecting VPN

- 1 In the home screen, display the Apps Sheet ▶
[Settings] ▶ [More...] ▶ [VPN settings]**
- 2 Select a VPN to connect to**
- 3 Enter connecting information of the VPN ▶
[Connect]**

Disconnecting VPN

- 1 Drag the status bar down ▶ touch the
notification indicating that VPN has been
enabled**
- 2 [Disconnect]**

International Roaming

You can make a call using the handset while staying overseas or make settings for international roaming, network services, etc.

Outline of international roaming (WORLD WING)

International roaming (WORLD WING) is a service that enables you to use the same phone number and mail address of the handset as you use in Japan in the service area of DOCOMO affiliated overseas network operators. You can use calls and SMS without any changes in settings.

Available network

The handset is rated as Class 5. You can use it in the LTE network, 3G network and GSM/GPRS network service areas. In addition, it is available in countries and regions supporting 3G 850 MHz/GSM 850 MHz. Check the available area.

Refer to the followings before using the handset overseas.

- “Mobile Phone User’s Guide [International Services]”
- DOCOMO International Services website

- For country codes, international call access number, universal number international prefix and information on countries and regions where connections are available and available network operators, refer to “Mobile Phone User’s Guide [International Services]” or the DOCOMO International Services website.

Available services overseas

Main communication service	3G	3G 850	GSM (GPRS)	LTE
Call	○	○	○	×*2
SMS	○	○	○	○
Mail*1	○	○	○	○
Web browser*1	○	○	○	○

*1 Enable [Data roaming] to use data communication when roaming (P. 87 “Data roaming”).

*2 Call is available with 3G network.

- Some services may not be available depending on the network operator or network to connect to.

Before use overseas

Checking before departure

Check the followings in Japan before using the handset overseas.

Subscription

- Check the status of a subscription to WORLD WING. For details, contact the number listed in “General Inquiries” on the last page.

Charging battery

- Use AC Adapter 03/04/05 (sold separately) as an AC adapter for charging while traveling overseas.

Charge

- Overseas charges (call charges, packet communication charges) differ from those in Japan. For details, refer to “Mobile Phone User’s Guide [International Services]” or the DOCOMO International Services website.
- Since some apps automatically perform communication, the packet communication charges may be higher. Contact the app provider for the operation of each app.

Setting before departure

Network service settings

If you subscribed to network services, network services such as Voice Mail Service, Call Forwarding Service and Caller ID Display Request Service are available from overseas. However, some network services are not available.

- To use network services overseas, setting the remote operation settings to “Activate” is required. The remote operation settings can be set in your country of stay (P. 89 “Network services during roaming”). For details on the remote operation settings in Japan P. 41 “Network service”
- Some network services that can be set/disabled etc. may not be available depending on overseas network operators.

Checking in your country of stay

The handset automatically connects to the available network operator when you turn the power on in your country of stay.

Connection

When Network operators (P. 88 “Network operators”) is set to [Choose automatically], the suitable network is automatically selected.

Settings for use overseas

At the time of purchase, the handset is set to automatically search for and switch to available networks. When you want to manually switch networks, set by performing following operations.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Mobile networks]

2 Select an item

- **Data enabled:** Set whether to use data communication.
- **Data roaming:** For details P. 87 “Data roaming”
- **Preferred network type:** For details P. 87 “Preferred network type”
- **Access Point Names:** Set an access point.
- **Network operators:** For details P. 88 “Network operators”

Data roaming

Set whether to use data communication when roaming.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Mobile networks] ▶ [Data roaming]

- When the confirmation screen is displayed, check the content and select [OK].

Preferred network type

Set a network to use.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Mobile networks] ▶ [Preferred network type]

2 Select an item

- **LTE/3G/GSM(Auto):** Automatically switch to an available network.
- **LTE/3G:** Use LTE/3G network.
- **3G/GSM:** Use 3G/GSM network.
- **3G:** Use 3G network.
- **GSM:** Use GSM/GPRS network.

Network operators

Search for networks and set a network operator to use.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [More...] ▶ [Mobile networks] ▶ [Network operators]

- If the confirmation screen for data communication is displayed, check the content and select [OK].
- Search for networks and a list of network operators is displayed.
- When an error occurs during the network search, disable [Data enabled] (P. 87 “Settings for use overseas”) and try again.

2 Select a network operator

- To search for network operators again: [Search networks]
- To automatically select a network operator: [Choose automatically]

- If you manually set network operators overseas, set to [Choose automatically] after returning to Japan.

Viewing the display

- is displayed during international roaming.
- 3G/GSM/HSPA/LTE is available.
- Connected network operator can be checked in the status panel.

Date & time

If [Automatic date & time] and [Auto timezone] of Date & time are enabled, the handset receives information on time and time differences from the network of a connected overseas network operator, then time and time differences are corrected.

- Time and time differences may not be adjusted correctly depending on the network of an overseas network operator. In this case, set time zone manually.
- The correction timing may differ depending on the network operator.
- For details on Date & time P. 77 “Date & time”

Inquiries

- When the handset or the docomo nano UIM card is lost or stolen overseas, promptly contact DOCOMO and conduct a procedure for canceling the use of service from your country of stay. Refer to the last page for inquiries. Note that call/communication charges after the handset or the docomo nano UIM card is lost or stolen are incurred to the subscriber.
- As for land-line phone etc., “International call access number” of your country of stay or “Universal number international prefix” is required.

Making/Receiving a call in your country of stay

Making a call outside your country of stay (including Japan)

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [Dial]

2 “+” (touch and hold “0”) ▶ enter country code, area code (city code) and the other party’s phone number ▶

- When the area code (city code) begins with “0”, omit the first “0” when dialing (Include the “0” when making a call to some countries or regions such as Italy).
- Alternatively, enter a phone number ▶ ▶ [International call] ▶ select a country code to enter a country code.
 - The first “0” of the area code (city code) will be omitted.

- Even if you notify the caller ID, [Unknown], [Private number], etc. may appear depending on the network operator, and the caller ID may not be displayed correctly.

Making a call using International Dial Assist

When you make a call to other countries from your country of stay, you can make an international call with simple operation using International Dial Assist.

- Set International dial assist in advance.
- The first “0” of a phone number will be automatically converted to the country code you set in Country code.

1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [Dial]

2 Enter a phone number ▶

3 [Converted number]

■ Setting of International Dial Assist

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Call] ▶ [Roaming settings] ▶ [International dial assist]

2 Select an item

- **Automatic conversion function**: Set whether to make calls using International Dial Assist.
- **Country code**: Set a country code to use when using International Dial Assist.
- **International prefix**: Set an international prefix to use when using International Dial Assist.

Making a call in your country of stay

You can make a domestic call in your country of stay in the same way as you do in Japan.

- Always enter the area code (city code), even when the number is in the same area.

Making a call to a WORLD WING subscriber overseas

When you make a call to a WORLD WING subscriber overseas, the call is made as an international call to Japan regardless of whether the call is made to the inside or outside of your country of stay.

- 1 In the home screen, display the Apps Sheet ▶ [Phone] ▶ [Dial]
- 2 “+” (touch and hold “0”) ▶ enter country code “81” (Japan) and the other party’s mobile phone number excluding the first “0” ▶ [☎]

Receiving a call overseas

You can receive a call overseas in the same way as you do in Japan.

- When a call is received during international roaming, the call is forwarded from Japan. Charges for connecting a call to Japan are incurred by the caller and receiving charges by the receiver.

■ Having calls made to your handset

When having calls made to your handset from Japan, have your phone number entered just as a domestic call in Japan.

When having calls made to your handset from countries other than Japan, have the international call access number and country code “81” (Japan) added to the beginning of your phone number with the first “0” excluded as an international call to Japan regardless of your country of stay.

International call access number of the country of the caller-81-90 (or 80/70)-XXXX-XXXX

Setting international roaming

Roaming settings

You can make settings for international roaming.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Call] ▶ [Roaming settings]
- 2 Select an item
 - **Restricting incoming calls**: Set whether to reject incoming calls during international roaming.
 - **Incoming notification while roaming**: Set whether to notify you of incoming call information (date and time of calls or caller ID) by SMS, when you are in a place with no signal, the handset is turned off or you fail to answer an incoming call during international roaming.
 - **Roaming guidance**: Set whether to play the guidance notifying the other party who makes a call to you during international roaming that you are using international roaming.
 - **International dial assist**: Make settings for International dial assist. For details ☎ P. 88 “Setting of International Dial Assist”
 - **Network service**: Make settings for using network services available during international roaming. For details ☎ P. 89 “Network services during roaming”

Network services during roaming

You can use network services such as Voice Mail Service or Call Forwarding Service overseas.

- 1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Call] ▶ [Roaming settings] ▶ [Network service]
- 2 Select an item
 - **Remote operation(charged)**: Make settings for remote operations.
 - **Caller ID notification request service(charged)**: Make settings for Caller ID Display Request Service.
 - **Roaming call notification(charged)**: Make settings for Incoming notification while roaming.
 - **Roaming guidance(charged)**: Make settings for Roaming guidance.
 - **Voice mail(charged)**: Make settings for Voice Mail Service.
 - **Call forwarding(charged)**: Make settings for Call Forwarding Service.

Checking after homecoming

The handset automatically connects to the DOCOMO network after returning to Japan. If it fails, make the following settings.

- Set Preferred network type to [LTE/3G/GSM(Auto)] (☎ P. 87 “Preferred network type”).
- Set Network operators to [Choose automatically] (☎ P. 88 “Network operators”).

Troubleshooting (FAQ)

Troubleshooting

- First, check whether the software update is required. If it is required, update the software (☎ P. 93 “Updating software”).
- If there is no improvement on the problems even after checking the following items, feel free to contact the number listed in “Repairs” (in Japanese only) on the last page or a repair counter that DOCOMO specifies.

Power

- The handset is not turned on
 - Make sure the battery has not run out. ☎ P. 14 “Charging”
- The screen does not respond or the handset cannot be turned off
 - You can turn the power off forcibly by pressing  for at least 8 seconds. ☎ P. 16 “Turning power off forcibly”
 - Note that data, contents you have set, etc. may be deleted since the power is turned off forcibly.

Charging

- Cannot charge the battery
 - The charging illumination does not illuminate or it flashes
 - Is the power plug or the cigarette lighter plug of the adapter inserted into the outlet or cigarette lighter socket properly? ☎ P. 15 “Charging with AC adapter/DC adapter”
 - Are the adapter and the handset set properly? ☎ P. 15 “Charging with AC adapter/DC adapter”
 - When using an AC adapter (sold separately), are the microUSB plug of the AC adapter and the handset securely connected? ☎ P. 15 “Charging with AC adapter/DC adapter”
 - If a call, communication or another function is performed for a long time while charging, the handset may become warm and charging may stop. Charge again after the handset temperature lowers. ☎ P. 14 “Cautions while charging”
 - Is an adapter specified by NTT DOCOMO being used for charging? Contact the number listed in “Repairs” (in Japanese only) on the last page or a repair counter that DOCOMO specifies if you cannot charge the battery even when using a specified one.

Handset operation

- Apps do not work properly (e.g. inability to activate them, frequent errors)
 - Make sure there is no disabled app. Try again after enabling a disabled app, if any. ☎ P. 72 “Enabling an app”
- Becomes hot while operating/charging
 - The handset, internal battery or adapter may become warm while you are operating or charging the handset, when you use video call, watch TV, etc. for a long time while charging, etc. There is no operational problem. ☎ P. 14 “Cautions while charging”
- Battery life is short
 - Make sure the handset is not left for a long time outside the service area.
Outside the service area, since radio waves are searched to make communication available, more electric power than usual is used.
 - The battery life depends on the usage environment and deterioration level. ☎ P. 96 “Main specifications”

- Internal battery is a consumable product. Battery life per charge is gradually reduced every time the battery is charged. Contact the number listed in “Repairs” (in Japanese only) on the last page or a repair counter that DOCOMO specifies if the battery life becomes extremely shorter than at the time of purchase even after fully charged. ☎ P. 15 “Internal battery usable life”

- Not activated by touching or pressing keys
 - Make sure the handset is not turned off. ☎ P. 16 “Turning power on”
- Screen response is slow when touching or pressing keys
 - This may happen when a great deal of data is saved on the handset, when a large amount of data is being transferred between the handset and the microSD Card, etc. ☎ P. 70 “Storage”
- docomo nano UIM card is not recognized
 - Is the docomo nano UIM card inserted facing right direction? ☎ P. 13 “docomo nano UIM card”
- Clock is incorrect
 - Clock may become incorrect if the power is left turned on for a long time. Make sure [Automatic date & time] is enabled and turn the power on again in a location with good signal conditions. ☎ P. 77 “Date & time”
- Handset operation is unstable
 - The apps installed on the handset after purchase may become a cause. If you can improve the symptoms by activating the handset with the safe mode set, you may be able to improve the symptoms by uninstalling the installed apps.
 - ※ The safe mode is a function to activate the handset nearly in the state of default.
 - For activating the safe mode
Turn the power on again when the power is turned off, then keep pressing  on the screen during activation until the home screen is displayed.
 - ※ Alternatively,  while the power is turned on (for at least 1 second) ► touch and hold [Power off] ► [OK] to activate the safe mode.
 - ※ When the safe mode is activated, [セーフモード]/[Safe mode] is displayed at the bottom left of the screen.
 - ※ To deactivate the safe mode, turn the power on again.
 - Back up the necessary data in advance before using the safe mode.
 - Widgets created by yourself may disappear.
 - The safe mode is not an ordinary activating state and thus deactivate the safe mode if you want to use in an ordinary way.
- Grip sensor does not respond
 - Make sure you are not wearing a glove.
 - Make sure the handset is not equipped with a case, cover, etc. which is not compatible with Grip sensor.
 - Make sure the handset is not wet. ☎ P. 11 “Draining water when the handset gets wet”
 - Make sure a metallic object does not touch the sensor.
 - Set Grip sensor to [OFF] and set it to [ON] again. ☎ P. 18 “Grip sensor”

Calling

- Calls cannot be made by touching or pressing keys
 - Make sure [Restrict calls] in Application lock is not set. ☎ P. 74 “Application lock”
 - Make sure Airplane mode is not set. ☎ P. 73 “More”
- Ringtone does not sound
 - Make sure the ringtone volume is not set to “0”. ☎ P. 68 “Sound”
 - Make sure Public mode (power OFF), the manner mode or Airplane mode is not activated. ☎ P. 41 “Network service”, P. 68 “Mode settings”, P. 73 “More”

- Make sure call rejection is not set. ☞ P. 41 “Reject call setting”
- Make sure the ringing time for Voice Mail Service or Call Forwarding Service is not set to “0 seconds”.
☞ P. 41 “Network service”
- Calls are not available ([]) does not disappear even after moving to another place or calls cannot be made/received even though signal status is not bad)
 - Turn the power on again or attach the docomo nano UIM card again. ☞ P. 13 “docomo nano UIM card”, P. 16 “Turning power on/off”
 - Depending on the signal type, even though status is “inside the service area” or “[]” (indicating signal status) appears”, making/receiving a call may not be available. Move to another place and call again.
 - Make sure the call restriction such as call rejection is not set. ☞ P. 41 “Reject call setting”
 - In a crowded place, heavy telephone/mail traffic may make it difficult to get a connection depending on how congested the radio waves are. In this case, a busy tone is played. Move to another place or call again later.

■ Screen

- Display is dark
 - Make sure Screen timeout is not set to a short duration. ☞ P. 69 “Display”
 - Make sure the setting of Brightness is not changed. ☞ P. 69 “Brightness”
 - Make sure [Automatic brightness] of Brightness is not enabled. The brightness of the screen may vary depending on the surrounding light if the setting is enabled. ☞ P. 69 “Brightness”
 - Make sure [VeilView] is not enabled. ☞ P. 70 “VeilView”

■ Sound

- The other party's voice is not heard well or is too loud during a call
 - Make sure you have not changed the in-call volume. ☞ P. 39 “Adjusting the in-call volume”

■ Mail

- Mail is not automatically received
 - Make sure Sync frequency in the account settings of Email is not set to [Never].

■ Camera

- Still picture or video shot by the camera is blurred
 - Switch Auto focus of various settings to [Macro] in the still picture shooting mode or switch Focus settings of various settings to [Macro AF] in the video shooting mode when shooting a nearby subject with SH Camera. ☞ P. 60 “Settings on shooting with camera”
 - Make sure the camera lens is neither misted up nor exposed to dirt. ☞ P. 57 “Before using camera”
- Still pictures and videos shot while the mobile light is turned on go white
 - If there is a case, cover, finger, etc. near the camera lens, lights of the mobile light may reflect on it and shot still pictures and videos may be adversely affected.

■ TV

- Cannot watch TV
 - Make sure the handset is not outside the area of a terrestrial digital TV broadcasting service or in a place with weak signal. ☞ P. 53 “Broadcast wave and service area”
 - Make sure a channel list is created. ☞ P. 55 “Creating channel lists”

■ Osaifu-Keitai

- Cannot use Osaifu-Keitai
 - If Omakase Lock is activated, Osaifu-Keitai functions are not available regardless of the setting of NFC/Osaifu-Keitai lock.
 - Make sure NFC/Osaifu-Keitai lock is not set. ☞ P. 51 “NFC/Osaifu-Keitai lock”
 - Is the [] mark of the handset held over the scanning device? ☞ P. 51 “Precautions about holding over the other device”

■ International roaming

- Cannot use the handset overseas (The signal icon appears)
 - Make sure you have subscribed to “international roaming service (WORLD WING)”. Check the status of a subscription to “international roaming service (WORLD WING)”. ☞ P. 87 “Outline of international roaming (WORLD WING)”
- Cannot use the handset overseas ([]) appears)
 - Make sure the handset is not outside the service area of international roaming or in a place with weak signal. Refer to “Mobile Phone User's Guide [International Services]” or the DOCOMO International Services website to check if the service area or network operator is available one. ☞ P. 87 “Outline of international roaming (WORLD WING)”
 - Change the network setting or network operator setting. Set Preferred network type to [LTE/3G/GSM(Auto)]. Set Network operators to [Choose automatically]. ☞ P. 87 “Preferred network type”, P. 88 “Network operators”
 - Turn the power on again. The handset may recover. ☞ P. 16 “Turning power on/off”
- Cannot use data communication overseas
 - Enable [Data roaming]. ☞ P. 87 “Data roaming”
- Suddenly the handset becomes unavailable during overseas use
 - Make sure the approximate limit of usage fee is not exceeded. As for “international roaming service (WORLD WING)”, the approximate limit of usage fee is set in advance. Pay off the usage fee to resume services if usage fee exceeds the limit.
- The other party's phone number is not notified/A different phone number from that of the other party is notified/Functions to use details saved in the phonebook or Caller ID notification are not activated
 - The caller ID is not displayed on the handset even though the other party makes a call with the caller ID set to be notified if the used network or network operator does not notify. In addition, a different phone number from that of the other party may be notified depending on the used network or network operator.

■ Data management

- Data is not transferred
 - Make sure a USB HUB is not used. If used, the transference may not be carried out normally. ☞ P. 84 “Connecting the handset and PC”
- Data saved on the microSD Card is not displayed
 - Remove the microSD Card and insert it again. ☞ P. 79 “microSD Card (external storage)”
- Images are not displayed correctly
 - An entire image goes black when the image data is damaged.

■ Bluetooth function

- Cannot connect with Bluetooth connection compatible device/ Cannot find it even if searching
 - Set the Bluetooth connection compatible device (commercially available) side to the registration stand-by status and register it from the handset side. To delete the registered device once and register it again, both the Bluetooth connection compatible device (commercially available) and the handset are required to be deleted on each side. ☞ P. 82 “Using Bluetooth function”

- Calls cannot be made from the handset with an external device such as a car navigation system or hands-free device connected
 - Making a call to a phone number may become unavailable if you make multiple calls to the phone number in the condition that the other party does not answer or outside the service area. In this case, turn off the handset power and turn it on again. P. 16 “Turning power on/off”

■ Map/GPS function

- Cannot set AUTO-GPS service information
 - Make sure AUTO-GPS has not been suspended due to insufficient battery level. If AUTO-GPS has been suspended due to Low-power operation settings, you cannot set AUTO-GPS service information. In this case, set Low-power operation settings to [Not suspend] or charge the battery to set the service. P. 14 “Charging”, P. 73 “docomo service/cloud”
 - Make sure [AUTO-GPS operation settings] is not disabled. P. 73 “docomo service/cloud”

Error messages

- [Cannot connect]
 - The connection could not be made to data broadcasting for an unspecified reason. Try again later.
- [Connection error; failed to send]
 - [Connection has been interrupted due to no answer]
 - [Server error; failed to send]
 - [The destination server is not supporting it.]
 - [Transmission error; try again in a while]
 - Appears when attempting to use mail or SMS with the line system not in service or extremely congested. Try again later.
- [Enter passcode.]
 - Appears when an operation for the restricted function was attempted while the handset lock is set. Enter the passcode to temporarily disable handset lock and continue operation.
 - Appears when attempting to use a function that requires the passcode to be entered.
- [Failed to get license. Cannot play.]
 - Appears when failed to update a license of copyrighted content that has reached the expiration date.
- [Failed to send]
 - Appears when SMS was not sent properly.
 - Appears when mail was not sent properly. Try again from a location with a strong signal.
- [Insert/recheck SIM card.]
 - Make sure docomo nano UIM card is properly inserted. P. 13 “docomo nano UIM card”
- [Low on space]
 - Available space on the handset memory is decreasing. Some functions or apps may not work properly. Uninstall unneeded apps or move/delete files.
- [Mobile network not available.]
 - Make sure a valid preferred network type is set. P. 87 “Preferred network type”
- [No permissions to play this content.]
 - Appears when there is no available license or when attempting to play copyrighted content whose playable period or limit has expired.
- [Please wait for a while(data)]
 - Packet communication network is extremely congested. Try again later.
- [Please wait for a while(voice call)]
 - Audio line network is extremely congested. Try again later.
- [Utilizing the production number information. Continue?]
 - May appear while watching TV. Select [Yes] to send manufacture number of the handset and docomo nano UIM card.

- [xx mails have been received, but some have not been received.]
 - Appears when not all mails can be received for an unspecified reason.

Anshin Enkaku Support

※ This service is provided in Japanese.

By having the screen on your handset shared with DOCOMO, you can get supports for operating and setting the handset.

- In the following cases, Anshin Enkaku Support is not available.
 - When the docomo nano UIM card is not inserted
 - During international roaming
 - In Airplane mode
- Anshin Enkaku Support is a paid service that requires subscription.
- Some operations and settings are not covered.
- For details on Anshin Enkaku Support, refer to the DOCOMO website.

1 Make a call to Anshin Enkaku Support center

Anshin Enkaku Support center

0120-783-360

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

- In the home screen, display the Apps Sheet ▶ [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) ▶ to make a call to Anshin Enkaku Support center from the handset.

2 In the home screen, display the Apps Sheet ▶

[遠隔サポート] (Remote support)

- When you use this for the first time, you must agree to “ソフトウェア使用許諾書” (Software License Agreement).

3 [遠隔サポートの接続画面に進む] (Proceed to the connection screen for Remote support) ▶ [同意する] (Agree)

4 Enter the connection number provided by DOCOMO

5 The remote support starts after the connection is established

Warranty and After-Sales Service

Warranty

- Make sure that your handset is accompanied by a warranty card at the time of purchase. Check that the name of the retailer, the date of purchase, and the necessary details have been filled in on the warranty card. Be sure to keep it in a safe place. Contact the retailer if any necessary details on the warranty card are not completed. The warranty period without charge is 1 year from the date of purchase.
- For the purpose of improvement, the specifications for this product and its accessories are subject to complete or partial change without prior notice.
- Information registered in your handset, such as phonebooks, may be lost or changed if your handset is damaged, repaired or mishandled. It is recommended that backup be kept of information such as phonebooks.
- ※ The handset allows you to save phonebook data etc. to microSD Cards.
- ※ The handset allows you to back up data such as phonebooks by using docomo cloud.

After-Sales Services

■ If you have problems with your handset

Refer to “Troubleshooting” on this manual before requesting repairs.

Contact the number listed in “Repairs” (in Japanese only) on the last page if problems persist.

■ If your handset needs repairs after contacting DOCOMO

Bring your handset to a repair counter that DOCOMO specifies. However, repair counters are only open during business hours. Make sure to bring your warranty card with you. Note that it may take several days to repair depending on the condition on the malfunctions.

During the warranty period

- The handset will be repaired without charge in accordance with the terms of the warranty.
- When bringing the handset in for repairs, be sure to bring the warranty card. Even during the warranty period, a fee will be charged for repairs of malfunctions, damage, etc. caused by your improper handling (damage of external connector terminal, earphone/microphone terminal, LCD, etc.) or if no warranty certificate is presented.
- Repairs for malfunctions caused by the use of devices and consumable products other than those specified by DOCOMO will also incur a fee, even during the warranty period.

Repairs may not be possible in the following circumstances.

- When, as a result of inspection, a corrosion resulted from water exposure, condensation, sweat or other liquids is found or when the internal circuit board is damaged or deformed (Repairs may not be possible when external connector terminal, earphone/microphone terminal, LCD, etc. is damaged or when a housing is cracked)
- ※ Even when repairs are possible, repair charges will be incurred because the warranty does not cover such damage.

After the warranty period has expired

Charged repairs will be carried out upon request.

Replacement parts

Replacement parts (required to maintain the functionality of the handset) will be kept in stock basically for at least 4 years following the halt of production. However, note that there may be a case when repair is not possible for the shortage of replacement parts etc. depending on the faulty part. Repairs may be possible even after this period has passed, depending on the faulty part. Contact the number listed in “Repairs” (in Japanese only) on the last page for details.

■ IMPORTANT!

- Never attempt to modify the handset or its accessories.
 - May cause fire, bodily injury or malfunction.
 - If your device has been modified previously, it will only be accepted for the repair as long as you agree that we restore the device to its original state. However, repairs may be refused depending on the extent of the modification. The following cases may be considered as a modification.
 - Stickers etc. are applied to the LCD or keys
 - Decorations are made to the handset with adhesive agent etc.
 - Exterior parts etc. are replaced with those which are not standard DOCOMO products
- Repairs for any malfunction or damage caused by such modifications will incur fees, even during the warranty period.

- Information stored in your handset, such as the settings of various functions, may be cleared or reset if your handset is damaged, repaired or mishandled. If this occurs, please re-enter the information or re-specify the settings.
- When the handset is repaired, MAC address for Wi-Fi and Bluetooth address may be changed regardless of the faulty part.
- The following sections of the handset contain parts that generate magnetic waves. Keep cash cards and other objects likely to be affected by magnetic waves away from the handset. They may become unusable.
 - Sections: Speaker, earpiece
- If the inside of the handset gets wet or becomes moist, immediately turn off the power though SH-02G provides waterproof performance. Then, visit a repair counter. The handset may not be repaired depending on its condition.

■ Memory dial (Phonebook) and downloaded information

- Created, imported, downloaded data, etc. may be modified or deleted when changing models or repairing the handset. DOCOMO shall not be liable for any modification or deletion of content. DOCOMO may, at our convenience, exchange your handset for a substitute in lieu of repairs. However, in this case, we cannot transfer these data etc. to replaced products except for some data.

Updating software

Connect SH-02G to the network and check for software update. If necessary, download update files and update software.

- If updating software is necessary, check the DOCOMO website for updates.
- The following three kinds of update methods are available.
 - Auto-update : Automatically download new update files and rewrite at the set time.
 - Now update : Immediately update.
 - Reserve update : Automatically update at the set time.

- You can update software even if the handset contains phonebook, camera image, mail, downloaded data, etc. However, DOCOMO may not be able to protect data that could be lost due to malfunction, damage, water exposure and so on. It is recommended that important data be backed up before software update. Note that some data, such as downloaded data, cannot be backed up.

Using software update

- Fully recharge battery before updating software. It is recommended to connect a charger cable to the handset when updating.
- Software cannot be updated in the following cases.
 - During a call
 - When [Signal] is displayed*
 - During international roaming*
 - In Airplane mode*
 - During Wi-Fi tethering
 - During USB tethering
 - During Android version upgrade
 - When date and time are set incorrectly
 - When battery level is insufficient for software update
 - When the basic software is changed improperly* The update is not available even if Wi-Fi is connected.
- Updating (downloading and rewriting) software may take time.

- Making or receiving calls, each communication function and other functions cannot be used while updating software. However, receiving calls is possible during download.
- It is recommended to update software at a location with good signal conditions while you are not moving. Software update may be interrupted if signal is weak.
- If software has already been updated, [No update is needed.] appears when software update is checked.
- [When docomo network is not available, or during roaming, software update is not available even if Wi-Fi is connected.] appears during international roaming or outside the service area. The same applies while Wi-Fi connection is set.
- While updating software, sent SMSs are held at SMS center.
- When updating software, the information unique to SH-02G (model, serial number, etc.) is automatically sent to the DOCOMO software update server. Sent information is only used for software update.
- If software update fails, the handset may not be activated, or [Software Update failed.] may appear and no operations may be available. In this case, bring the handset to a repair counter that DOCOMO specifies.
- When PIN code is set, the PIN code entry screen appears during restart after rewriting and you are required to enter PIN code.
- While updating software, do not activate other apps.

Auto-update of software

You can automatically download new update files and rewrite the software at the set time.

■ Auto-update setting of software

- The automatic update setting is set to [Automatic Update] by default.

1 In the home screen, display the Apps Sheet ▶
[Settings] ▶ [Device info] ▶ [Software update] ▶
[Configure the software update]

2 [Automatic Update]/[Manual Update]

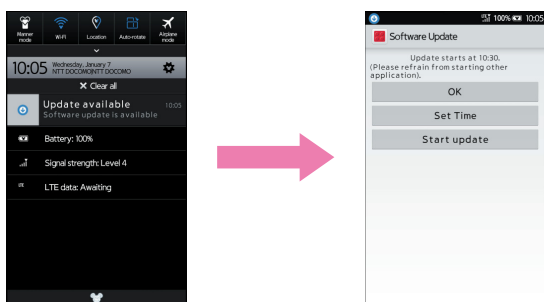
■ When software update is required

When an update file is automatically downloaded, [Update available] appears on the status bar.

- If the time for the rewrite arrives with [Update available] displayed, the software is automatically rewritten and [Update available] disappears.

1 Drag the status bar down ▶ select the notification

- The rewrite notice screen is displayed and you can confirm the time for the rewrite.



2 Select the rewrite method

- **OK:** The update starts when the set time arrives.
- **Set Time:** For details P. 94 “Reserve update of software”
- **Start update:** For details P. 94 “Now update of software”

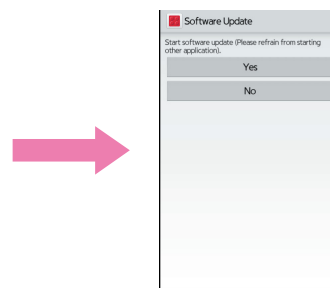
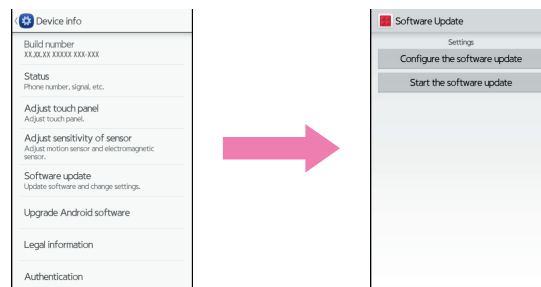
- If software cannot be updated when update notification is received, [Update available] appears on the status bar.
- If software cannot be rewritten at the time for the rewrite, software is rewritten at the same time of the following day.
- Software cannot be automatically updated when the automatic update setting is set to [Manual Update] or while updating software by Now update.

Now update of software

You can update software immediately.

- You can update software from the rewrite notice screen or the menu.

1 In the home screen, display the Apps Sheet ▶
[Settings] ▶ [Device info] ▶ [Software update] ▶
[Start the software update] ▶ [Yes]



- To update software from the rewrite notice screen: Display the rewrite notice screen ▶ [Start update]

2 Approximately 10 seconds after [Ready for update.] appears, the rewrite automatically starts

- Touch [OK] to start the rewrite immediately.
- During update, no key operations are available. It is not possible to cancel update.
- When the update is complete, the handset restarts and the home screen is displayed.

- When software update is not necessary, [No update is needed.] appears.

■ Post-update display

When the software update is complete, the notification appears on the status bar. Open the status panel and touch the notification to display the completion screen.

Reserve update of software

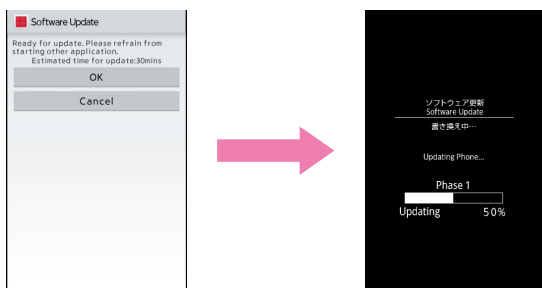
You can change a time for software rewrite if you want to set a different time for installing update files.

1 Display the rewrite notice screen ▶ [Set Time]

2 Enter the time ▶ [OK]

■ When reserved time arrives

Approximately 10 seconds after the rewrite screen appears at the start time, the software rewrite automatically starts.



- During update, no key operations are available. It is not possible to cancel update.
- If software cannot be updated at the start time, software is updated at the same time of the following day.
- During Android version upgrade, software is not updated even if the reserved time arrives.
- Software is updated even if the alarm or another function is activated at the same time as the reserved time.
- When SH-02G is turned off at the start time, software is updated at the same time as reserved time after turning on the power.
- If [ⓘ Software update was suspended Please check the status of the handset and retry.] appears in the status panel during the software update, make sure the handset is not in any of the following states and update the software again.
 - When [ⓘ] is displayed
 - During Wi-Fi tethering
 - During USB tethering
 - When another function is running

■ Upgrading Android version

Connect the handset to the network and check for Android version upgrade. If necessary, download upgrade files and upgrade the Android version.

Android version upgrade

- If the Android version upgrade is necessary, you will be notified by [↕] (Upgrade is available) on the status bar or you can visit the DOCOMO website to check the availability of version upgrades.
- The following changes are made on the handset if the version is upgraded.
 - Improvement and addition of functions
 - Improvement of operations
 - Improvement of the product quality
 - Update of security patch
- Be sure to keep the version up-to-date to use the handset safely and comfortably.

- You can upgrade the Android version even if the handset contains data in it. However, DOCOMO may not be able to protect data that could be lost due to malfunction, damage, water exposure and so on. It is recommended that important data be backed up before version upgrade. Note that some data cannot be backed up.

■ Precautions

- Once the version upgrade is completed, you cannot downgrade the Android version to the previous one.
- Fully recharge the battery before upgrading the version.

- The docomo nano UIM card is required to upgrade the version via packet communication. If you want to use packet communication to upgrade the version, subscription to sp-mode is required.
- If you upgrade the version via Wi-Fi connection, the docomo nano UIM card is not required.
- End all apps before upgrading the version. If another app is activated during the version upgrade, the Android version upgrade may be interrupted.
- Do not turn the power off during the version upgrade.
- No functions including making/receiving calls are available on the handset during the version upgrade.
- Version cannot be upgraded in the following cases.
 - During a call
 - When [ⓘ] is displayed
 - During international roaming
 - In Airplane mode
 - When the handset is functioning as a base unit during tethering
 - When date and time are set incorrectly
 - When the battery level is insufficient for Android version upgrade
 - When available space on the handset memory is insufficient
 - During software update
- Upgrading version may take time.
- [Unable to start upgrading in an area where Wi-Fi or FOMA/Xi signal is unreachable] appears during international roaming or outside the service area.
- When version upgrade is completed, some settings are reset. Re-enter the information or re-specify the settings.
- When upgrading version, the information unique to the handset (model, serial number, etc.) is automatically sent to the DOCOMO version upgrade server. Sent information is only used for Android version upgrade.
- When PIN code is set, the PIN code entry screen appears during restart after rewriting and you are required to enter PIN code.
- If version upgrade fails and all operations become unavailable, bring the handset to a repair counter that DOCOMO specifies.

Operations for upgrading Android version

■ Upgrading version from the status panel

If the Android version upgrade is necessary, [↕] (Upgrade is available) is displayed on the status bar.

1 Drag the status bar down ▶ select the notification

- If you select [Install], the installation to the handset becomes available.

■ Upgrading version manually

Even if [↕] (Upgrade is available) is not displayed on the status bar, you can check whether the upgrade is available.

1 In the home screen, display the Apps Sheet ▶ [Settings] ▶ [Device info] ▶ [Upgrade Android software]

2 Select an item

- **Perform now (only via Wi-Fi):** Download upgrade files immediately via Wi-Fi connection.
 - **Perform at scheduled time (via Wi-Fi/Xi)*:** Download upgrade files at the automatically set time via Wi-Fi connection or Xi/FOMA.
- * When you cannot download upgrade files via Xi/FOMA, [Perform at scheduled time (only via Wi-Fi)] is displayed.

- [No upgrade is needed] appears if the handset software is the latest.
 - If the download is interrupted, data downloaded up to that point is retained for up to 14 days. You can restart the download from [⬇] (Downloading upgrade file stopped) on the status panel.
 - If you select [Perform at scheduled time (via Wi-Fi/Xi)] or [Perform at scheduled time (only via Wi-Fi)], the time for the download to start is automatically set. The time cannot be changed. If you do not want to download at the automatically set time, [Upgrade Android software] ▶ [Back]. Then select [Perform now (only via Wi-Fi)] and download upgrade files.
- [Perform now (only via Wi-Fi)], [Perform at scheduled time (via Wi-Fi/Xi)]**
- If you select [Download and install] or [Download] and the installation is finished, the handset restarts.
 - If you select [Download] and the download of upgrade files is finished, the installation to the handset becomes available.

Updating apps

- If you do not update an app which needs to be updated, the app's operations may become unstable or functions may not work normally.
- For details on the supported OS version of an app, contact the provider of the app.

■ Updating from the status panel

If the version upgrade is finished and the handset restarts, [⬇] (Upgrading has been completed) is displayed on the status bar. Drag the status bar down and [Upgrading has been completed] ▶ [OK] to check updated items in the update list.

■ Updating from Play Store

In the home screen, display the Apps Sheet ▶ [Play Store] ▶ [≡] ▶ [My apps] to check that each app has been updated.

Main specifications

■ Handset

Product name	SH-02G
Size	Approx. 141 (H) × Approx. 76 (W) × Approx. 8.9 (D) mm (Approx. 9.6 mm at thickest point)
Weight	Approx. 159 g
Memory	ROM: 32 GB RAM: 2 GB
Continuous talk time*1, 2, 3	FOMA/3G Approx. 1,370 min GSM Approx. 1,080 min VoLTE (Voice call) Approx. 1,350 min
Continuous stand-by time*2, 3	FOMA/3G At rest: Approx. 900 hr (Preferred network type: LTE/3G/GSM(Auto))*4 GSM At rest: Approx. 720 hr (Preferred network type: LTE/3G/GSM(Auto))*4 LTE At rest: Approx. 730 hr (Preferred network type: LTE/3G/GSM(Auto))*4
Mobacas watching time*3, 5	Approx. 600 min

TV watching time*3, 6	Full-Seg: Approx. 460 min 1Seg: Approx. 670 min
Charge time	AC Adapter 03: Approx. 260 min AC Adapter 04: Approx. 190 min AC Adapter 05: Approx. 170 min DC Adapter 03: Approx. 290 min DC Adapter 04: Approx. 200 min
Display	Type TFT (IGZO) 16,777,216 colors Size Approx. 5.5 inches Pixels 2,073,600 pixels (FullHD: horizontal 1,080 × vertical 1,920 pixels)
Earphone/Microphone terminal	Diameter of plug: 3.5 mm stereo mini plug Type of pole: Quadrapoles
Image pickup device	Type Back camera: Back-illuminated CMOS*7 Front camera: Back-illuminated CMOS*7 Size Back camera: 1/3.1 inches Front camera: 1/7.0 inches
Camera	Effective pixels Back camera: Approx. 13.1 million pixels Front camera: Approx. 2.1 million pixels Recorded pixels (Max.) Back camera: Approx. 12.8 million pixels Front camera: Approx. 2.1 million pixels Zoom (Digital) Back camera: Up to approx. 16.0× (Still picture)/Up to approx. 16.0× (Video) Front camera: Up to approx. 16.0× (Still picture)/Up to approx. 16.0× (Video)
Recording	Number of recordable still pictures Approx. 26,500 shots (when saved on the handset)*8 Approx. 1,100 shots (when saved on 1 GB microSD Card)*8 Continuous shooting of still pictures 999 shots File format for still picture JPEG Recording time for video Up to approx. 16 min each/Up to approx. 200 min in total (when saved on the handset)*9 Up to approx. 8 min each/Up to approx. 8 min in total (when saved on 1 GB microSD Card)*9 File format for video MP4
Memory capacity	Approx. 24.4 GB*10
Wireless LAN	Meets IEEE 802.11a/b/g/n (2.4 GHz/5 GHz)/ac
Bluetooth	Supported version Bluetooth standard Ver.4.0 Output Bluetooth standard Power Class 1 Supported profiles (Supported services/versions) HSP (1.2), HFP (1.6), A2DP (1.2), AVRCP (1.3), HID (1.0), DUN (1.1), OPP (1.1), SPP (1.1), PBAP (1.0), PAN (1.0), HDP (1.0), HOGP (1.0)

Languages	Displayed languages: Japanese and English Input languages (for typing): Japanese and English Input languages (for speaking): Depending on Google voice typing
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- *1 Continuous talk time is an estimate of the time during which you can talk on a phone in a status where signals are sent and received normally.
- *2 Talk (Communication)/Stand-by time is shortened with the frequent use of each function such as data communications, Multiaccess, camera function, TV function or Bluetooth function. Actual usage time is the combination of talk (communication) and stand-by time. The longer the talk time is, the shorter the stand-by time becomes.
- *3 Talk (Communication)/Stand-by time may be reduced by approximately half or Mobacas watching time/TV watching time may be shortened depending on conditions including the battery level status, functions used, temperature or other environmental conditions, and signal strength (no signal or weak signal).
- *4 This is the average usage time during which the handset is not carried with you and in a status where signals are received normally.
- *5 Mobacas watching time is an estimate of watching time in a status where signals are received normally.
- *6 TV watching time is an estimate of watching time in a status where signals are received normally.
- *7 CMOS (Complementary metal-oxide semiconductor) is an image device equivalent to the film of silver salt cameras.
- *8 Picture size: FullHD (1920×1080)/File size: Approx. 900 KB
- *9 Picture size: Full HD (1920×1080)/File size limit: 2 GB/Type: Image + voice
- *10 Depending on usage of apps which use common memory, the memory capacity of each data may be reduced.

Internal battery

Battery	Lithium-ion
Nominal voltage	3.75V DC
Nominal capacity	3,300 mAh

TV/Mobacas antenna cable

Product name	TV/Mobacas antenna cable SH01
Length	Approx. 380 mm
Weight	Approx. 7 g
Quadrupolar mini plug	Round, 3.5 mm in diameter, quadrupoles

Specific Absorption Rate (SAR) of Mobile Phones

This model SH-02G 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 0.405 W/kg and when worn on the body is 0.485 W/kg (*2). There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

The actual SAR of this mobile phone while operating can be well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device. This mobile phone can be used in positions other than against your ear. Please keep the mobile phone farther than 1.5 cm away from your body by using such as a carrying case or a wearable accessory without including any metals. This mobile phone satisfies the technical regulations and international guidelines.

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

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

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

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

Ministry of Internal Affairs and Communications Website:

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

Association of Radio Industries and Businesses Website:

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

NTT DOCOMO, INC. Website:

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

SHARP Corporation Website:

<http://www.sharp.co.jp/products/menu/phone/cellular/sar/index.html> (in Japanese only)

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

*2 Including other radio systems that can be simultaneously used with Xi/FOMA.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear is 0.481 W/kg* and when worn on the body is 0.448 W/kg*. For body-worn operation, this mobile device has been tested and meets the RF exposure guidelines when used with an accessory containing no metal and positioning the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

* The tests are carried out in accordance with international guidelines for testing.

Declaration of Conformity

CE0168

In some countries/regions including Europe, there are restrictions on the use of 5GHz WLAN that may limit the use to indoors only. If you intend to use 5GHz WLAN on the device, check the local laws and regulations beforehand.

Hereby, Sharp Telecommunications of Europe Ltd, declares that this SH-02G is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the original declaration of conformity can be found at the following Internet address: <http://www.sharp.co.jp/k-tai/> (in Japanese only)

FCC Notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

4. Consult the dealer or an experienced radio/TV technician for help.

5 GHz WLAN Operation in USA

Within the 5.15-5.25 GHz band, UNII devices are restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite Services (MSS) operations.

FCC RF Exposure Information

Your handset is a radio transmitter and receiver.

It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset when tested for use at the ear is 0.49 W/kg and when worn on the body, as described in this user guide, is 0.97 W/kg.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 1.5 cm from the body.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of <http://transition.fcc.gov/oet/ea/fccid/> after searching on FCC ID APYHRO00212.

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at <http://www.fcc.gov/encyclopedia/radio-frequency-safety>.

FCC ID Location

The FCC ID for this device can be found on the plate stowed near the docomo nano UIM card slot.

Please pull out the plate when you want to see the FCC ID.

Export Administration Regulations

The Japan Export Administration Regulations (“Foreign Exchange and Foreign Trade Act” and its related laws) may be applied to this product and its accessories under certain conditions. The Export Administration Regulations may also be applied. To export or reexport the handset and its accessories, conduct all legally required procedures at your own risk and expense. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the US Department of Commerce.

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- This product includes software based on GNU General Public License (GPL), GNU Lesser General Public License (LGPL) and other licenses.
For details on licenses of related software, in the home screen, display the Apps Sheet ▶ [Settings] ▶ [Device info] ▶ [Legal information] ▶ [Open source licenses].
- Source codes of software based on GPL, LGPL and Mozilla Public License (MPL) can be referred to on the following website for free. For details, refer to the following website.
<https://sh-dev.sharp.co.jp/android/modules/oss/> (in Japanese only)

Unlocking SIM lock

- The handset can unlock the SIM lock. Unlock the SIM lock to use non-DOCOMO SIM cards.
- SIM lock can be unlocked at a docomo Shop.
- Commission is incurred separately for unlocking SIM lock.
- When using non-DOCOMO SIM card, it cannot be used in LTE. Also, some services, functions, etc. may be unavailable. DOCOMO shall not guarantee any operation of the handset.
- For details on unlocking SIM lock, refer to the DOCOMO website.

Index

Numerics

3G	87
3G/GSM	87

A

About Chrome	49
About Gmail	47
About you	71
Access Point Names	87
Accessibility	
Setting Chrome	49
Settings	77
Accessibility shortcut	77
Accounts & privacy	19
Add shortcut	28
Add to new folder	28
Adding contacts to phonebook	41
Adding VPN	86
Addr.book pic backup	77
Adjust sensitivity of sensor	78
Adjust touch panel	78
Advanced settings	
Mobile/Wi-Fi simultaneous use	24
Setting Mobacas	54
Advanced settings of Mobacas	54
Airplane mode	73
Alarm	
Clock	63
Setting Schedule	64
Alarm settings	57
Album	60
Android Beam	
NFC communication	83
NFC/Osaifu-Keitai settings	52
Android version	78
Android version upgrade	95
Anshin Enkaku Support	92
Answer time setting	40
Answering a call	38
Answering Memo List	40
Answering memo setting	40
Answering message setting	40
Anti Flicker	60
Anti shake	60
Any key answer settings	40
App Info	28
App list	28
App screen layout	35
Application	72
Application lock	74
aptX	83
Area dictionary	21
Audible touch tones	68
Audio settings	57
Authentication	78
Auto	59
Auto capitalization	21
Auto cursor move	20
Auto focus	60
Auto space input	21
Auto timezone	77
Autofill forms	49
AUTO-GPS	73
Automatic brightness	69
Automatic conversion function	88
Automatic date & time	77

Automatic restore	76
Automatically acquire information on program guide	54
Automatically complement	54
Automatically reserve	54
Auto-reset	41
Auto-rotate screen	
Accessibility	77
Display	69
Available services overseas	87
Avoid poor connections	23

B

Back up my data	76
Background playback	54
Backing up to/Restoring from a microSD Card	67
Backing up to/Restoring from Data Storage Box	66
Backing up/Restoring phonebook	43
Backing up/Restoring the home screen	35
Backup & reset	76
Backup account	76
Bandwidth management	49
Baseband version	78
Basic operation	16
Batch change lock screen/ home application	33
Battery	70
Battery & energy saving	70
Beep tone	48
Before use overseas	87
Before using camera	57
Beginning prediction for mail	21
Bleach Bypass	59
Bluetooth function	81
Bluetooth tethering	24
Bookmark	49
Bright Keep	69
Brighten while charging	69
Brightness	69
Build number	78

C

Calculator	65
Call	37
Call forwarding service	41
Call forwarding(charged)	89
Call mode setting	40
Call notification	41
Call settings/Other	40
Call time	41
Call waiting	41
Caller ID display request service	41
Caller ID notification	41
Caller ID notification request service(charged)	89
Camera Reader	59
Camera settings	59
Captions	77
Card reader mode	70
Change account	65
Change Kisekai	34
Change name	32
Change passwords	54
Change SIM PIN	75
Change wallpaper	34
Changing kisekai	34
Changing screen display to English	22
Changing security key	75
Changing wallpapers	34
Character code setting	76

Character entry	19
Charging	14
Charging with AC adapter/DC adapter	15
Charging with Micro USB Cable 01	16
Check screen image and beep tone	48
Checking after homecoming	89
Checking/Using phonebook	42
Choose date format	77
Chrome	48
Clear credentials	74
Clear learning dictionary	21
Clock	63
Clock display(When エモパー is enabled)	16
Cloud setting	65
Connecting the handset and PC	84
Connecting VPN	86
Contacting docomo	41
Contacts data access monitor	73
Contacts name collaboration	21
Content settings	49
Contents	1
Contents Manager	80
Controller display position	57
Convert character code	55
Cookie	55
Cooperating with Blu-ray Disc recorder	85
Country code	88
Create by searching channels	55
Create by selecting the area	55
Create folder	34
Cumulated call time	41
Current selected keyboard	76

D

Data broadcasting settings	57
Data enabled	87
Data import	76
Data roaming	87
Data transfer	76
Data usage	72
Date & time	
Settings	77
Settings for use overseas	88
Daydream	69
Default SMS app	73
DeFocus	59
Delete app	28
Delete application	
Managing apps/shortcuts/function buttons	32
Managing mini apps/widgets	32
Delete Cookie	55
Delete key behavior	20
Delete memory space for broadcasting	55
Delete old messages	45
Deleting Early Warning "Area Mail"	48
Deleting mail	46
Deleting message	44
Deleting outgoing/incoming call history	40
Deleting phonebook	42
Deleting thread	
Gmail	47
SMS	44
Delivery reports	45
Deterrence rotate screen	18
Device administrator	73
Device info	78
Dial pad touch tones	68
Dialpad touch tones	40
Dictionary	66
Disable linkage to Twitter	54

Disable secret mode temporarily	74
Disabling PIN lock	75
Disconnecting VPN	86
Disney Illumi Controller	31
Disney Market	50
Display	69
Display data broadcasting	55
Display Dock	27
Display left percents of Battery	69
Display names of new notifications	16
Display programs on air	54
Display subtitles	54
Displaying mail	
Email	45
Gmail	46
Displaying message	44
Displaying websites	48
dmarket	50
dmenu	50
docomo apps management	73
docomo apps password	73
docomo backup	66
docomo cloud	73
docomo location information	73
docomo mail	44
docomo nano UIM card	13
docomo service/cloud	73
Download dictionary	21
Downward slide	21
Drive manner mode	68

E

Early Warning "Area Mail"	47
EDGEEST Effect	
Display	69
Setting illumination color individually	31
Editing phonebook	42
Email	45
Emergency call	38
Emergency mode	19
Emoji/Symb/:) continuous input	20
Emoji/Symbol list rows	20
emopa	71
Enable widgets	73
Encrypting phone	75
Energy save standby	71
Energy saving settings	70
English guidance	41
Entering characters	21
Entering touch-tone signals	37
Erase microSD	70
Export Administration Regulations	99
Extra conversion engine	21

F

Favorites	32
File Management	70
Finger list	75
Fisheye	59
Flick sensitivity	20
Font Settings	69
Food	59
For Incoming call	68
For incoming call	69
For notification	68
For rumbling alarm	69
Forwarding message	44
Function information	
Data transfer	76

Settings on shooting with camera	60
G	
General inquiries to DOCOMO	41
General settings	
Setting Email	46
Setting Gmail	47
Gmail	46
Google Keyboard	76
Google Location Reporting	73
Google Now	19
Google voice typing	76
GPS/Navigation	62
Grip sensor	18
GSM	87
Guide	74
Guide display speed	20
H	
Handling precautions	8
Handover	23
Handset memory (internal storage)	79
Handsfree setting	83
Haptic feedback	
Application lock	74
Sound	68
Help	60
Hide App	28
History	
Chrome	49
Quick Launcher	31
Home applications	
Home applications	33
Settings	33
Home network server	85
Home network server name	85
Home network settings	84
Home page	49
Home Position Settings	28
Home screen layout	
docomo LIVE UX	34
Feel UX Home	27
Home screens	34
Home/Keypad	31
I	
iD appli	52
Illumi alarm	31
Illumi live wallpapers	31
Illumi pattern/color for incoming call	69
Illumination	69
Importing/Exporting phonebook	25
Improve appearance	70
Incoming notification while roaming	89
Incoming/Charging illumination	25
Info area	16
Information on apps	36
Infrared communication	81
Initial screen	64
Initial settings	
emopa	71
Initial settings	22
Initialize CAS information	57
Inquiries	88
Inquiries about loss, theft, etc. while overseas	41
Inquiries about malfunctions while overseas	41
Inquiries to DOCOMO about malfunctions	41
Install certificates	

Detailed settings	23
Lock & security	74
Installing recommended apps	35
Intellectual Property Right	99
International call (WORLD CALL)	38
International dial assist	89
International prefix	88
International Roaming	87
Internet call settings	40
IP address	24
ISO	60
iWnn IME - SH edition	76
K	
Kernel version	78
Key input guide	20
Keyboard layout	20
Keyboard layouts	19
Koe-no-Takuhaibin	41
L	
Language & input	76
Large text	77
Layout Setting	28
Leftward slide	21
Legal information	78
Location	73
Lock & security	73
Lock No. change	52
Lock SIM card	75
LTE/3G	87
LTE/3G/GSM(Auto)	87
M	
MAC address	24
Machi-Chara display setting	34
Magnification gestures	77
Mail/Web Browser	44
Main specifications	96
Make pattern visible	74
Making a call	37
Making a call in your country of stay	88
Making a call outside your country of stay (including Japan)	88
Making a call to a WORLD WING subscriber overseas	89
Making a call using International Dial Assist	88
Manage SIM card messages	45
Managing apps	35
Managing pages	35
Managing playlists	62
Managing the home screen	
docomo LIVE UX	34
Feel UX Home	27
Maps	63
Media Player	61
Memo	65
Memories of emopa	71
Mic settings	60
microSD Card (external storage)	79
microSD reader/writer	84
Mini app/Widget	32
Miniature	59
Mirror	59
Mobacas	53
Mobacas/TV (Full-Seg/1Seg)	52
Mobile networks	73
Mobile/Wi-Fi simultaneous use	23
Mode	73
Mode settings	

OFF	68
Sound	68
Model number	78
Moji-Henshu	76
Monochrome	59
More	73
Mount microSD	70
MTP mode	70
My magazine	36
My profile	43

N

Navigation key	71
Network notification	23
Network operators	88
Network service	
Call settings/Other	41
Roaming settings	89
Network services during roaming	89
Next word guess	21
NFC communication	83
NFC screen-unlock settings	73
NFC Type setting	52
NFC/Osaifu-Keitai lock	51
NFC/Osaifu-Keitai settings	52
Night Portrait	59
Night Scenery	59
Notes	24
Notification	69
Notifications	45
Notify by vibrating	18
Notify information of notifications	54
Notify new information	54
Notify on lock screen	54
Nuisance call blocking service	41

O

One-Seg/Full-Seg reception setting	57
Open source licenses	
Call settings/Other	40
docomo service/cloud	73
Sending and receiving by infrared	81
Operation during a call	39
Operation of touch panel	16
Operation when putting down	40
Operation when you hold the phone	18
Operation while using function	17
Operations for upgrading Android version	95
Operations on Welcome Sheet (Lock Screen)	16
Organize backup files	77
Osaifu-Keitai	51
Outgoing/Incoming call history	40
Outline of international roaming (WORLD WING)	87
Owner info	73

P

Panorama	59
Part names and functions	13
Passcode	75
Password	75
Pattern setting	70
PC connection	84
Pedometer	65
Pedometer On	66
Pedometer Reset Time	66
Peel off	
Managing apps/shortcuts	33
Managing apps/shortcuts/function buttons	32

Managing apps/widgets/shortcuts/folders	28
Managing mini apps/widgets	32
Perform at scheduled time (via Wi-Fi/Xi)	95
Perform now (only via Wi-Fi)	95
Personal dictionary	76
Phone ringtone	40
Phone search	19
Phonebook	41
Photo Sphere	59
Play Store	50
Playing recorded video of TV (Full-Seg/1Seg)	56
Pointer speed	76
Portrait	59
Power button ends call	77
Precautions	71
Precautions (ALWAYS FOLLOW THESE DIRECTIONS)	4
Precautions about holding over the other device	51
Preferred network type	87
Prefix settings	40
Prevent simultaneous recording	54
Printing	77
Printing/Saving by print service	84
Privacy	49
Privacy policy	46
Product information	57
Profile	68
Profile setting	73
PTP mode	70
Public mode (power OFF) settings	41
Purchasing apps	50
Putting cover setting	18

Q

Quality mode	69
Quick Launcher	31
Quick silent	40

R

Reader/Writer, P2P	52
Receive setting	48
Receiving a call overseas	89
Receiving reservation in Shift Time	54
Recent Apps	32
Recent apps key	71
Recording of TV (Full-Seg/1Seg)	56
Recording setting	57
Recording/Watching reservation of TV (Full-Seg/1Seg)	56
Reject call from pay phone	41
Reject call setting	41
Reject private number call	41
Reject SMS	40
Reject specified numbers call	41
Reject unknown call	41
Reject unregistered call	41
Reload	55
Remote Initialization Service	73
Remote operation settings	41
Remote operation(charged)	89
Rename phone	83
Replying message	44
Replying/Forwarding mail	
Email	46
Gmail	47
Reset cumulated call time	41
Reset facemark list	21
Resetting all	77
Resetting an access point	23
Resize	28
Restore from backup data list	35

Restore the latest backup data	35
Restrict calls	74
Restrict watching age	54
Restricting incoming calls	89
Rightward slide	21
Roaming call notification(charged)	89
Roaming guidance	89
Roaming guidance(charged)	89
Roaming settings	89
Romaji input assistance	20

S

Save data to microSD	76
Save passwords	49
Save to	60
Scanning always available	23
Scenery	59
Schedule	64
Screen display/Icons	25
Screen lock	73
Screen lock sounds	68
Screen on/off with motion	69
Screen timeout	69
Search engine	49
Search finder	60
Searching information on the handset and websites	19
Second call settings	41
Secrecy settings	74
Security codes used on the handset	74
Select Application or Shortcut	33
Select emopa	71
Select language	76
Select storage	54
Select time zone	77
Self check	72
Self-timer	60
Send device error information	73
Send log	54
Sending and receiving by Bluetooth	83
Sending and receiving by infrared	81
Sepia	59
Set age	54
Set contact secrecy	74
Set date	77
Set docomo ID	73
Set the default settings	21
Set time	77
Set up Wi-Fi hotspot	24
Setting an access point	22
Setting character entry	20
Setting Chrome	49
Setting Early Warning "Area Mail"	48
Setting Email	46
Setting genres	36
Setting Gmail	47
Setting menu	68
Setting Messaging	45
Setting Mobacas	54
Setting TV (Full-Seg/1Seg)	57
Setting up Google account etc.	24
Setting up mail account	24
Setting up SIM card lock	75
Settings for use overseas	87
SH Camera	
SH Camera	57
Shooting mode/Camera to shoot with	59
SH tool	65
Shooting screenshot	18
Shooting still pictures	59
Shooting videos	59

Shortcut	16
Show apps	34
Show guide tab	27
Show received files	83
Show widgets	34
Shutter mode	60
Shutter Sound	60
Sign in to Chrome	49
Silent manner mode	68
Simple secrecy for incoming calls	40
Simultaneous use mode setting	24
SMS	44
SMS Enabled	45
Software keyboard display setting	20
Sorting data	60
Sound	
Setting Messaging	45
Settings	68
Sound on key press	20
Sound start charging	68
Speak passwords	77
Specific Absorption Rate (SAR) of Mobile Phones	97
Spell checker	76
sp-mode	23
Standard	59
Standard manner mode	68
Starting day	64
Status	78
StopWatch	64
Storage	70
Storage type	73
Sub address settings	40
Support deletion of simultaneous recording	54
Sweep ON	69
Switch audio	
Setting Mobacas	54
Video/Audio/Subtitles settings	57
Switch sound-multiplex	57
Switch subtitles	57
Switch USB debugging	73
Switch videos	57
Switching by motion	70
Synchronizing data	72

T

Talk to you during manner mode	71
Telop	54
Tethering	24
Text	59
Text message limit	45
Text superimpose display	57
Text-to-speech output	
Accessibility	77
Language & input	76
Time lapse	60
Timer	64
To default	33
"Today's schedule" setting	64
Toggle input	20
Topics of emopa	71
ToruCa	52
Touch & hold delay	77
Touchscreen shutter	60
Transferring data	84
Translation finder	60
Troubleshooting (FAQ)	90
Turn off by putting flatly	69
Turn off by putting in pocket	69
Turning power on/off	16
TV (Full-Seg/1Seg)	55

TV link	56
TV off timer	57
Typing error correction	21

U

Unknown sources	73
Unlocking SIM lock	100
Unmount microSD	70
Unmount USB memory	70
Update birthday data	64
Update conversion dictionary	21
Updating apps	96
Updating software	93
Upgrade Android software	78
Upgrading Android version	95
Upward slide	21
USB connection	70
USB host function	85
USB tethering	24
Use 24-hour format	77
Use other functions	86
Use secure credentials	73
Useful	71
User dictionary	21
User Information	66
Using Bluetooth function	82
Using GPS function	62
Using groups	42
Using infrared communication	81
Using "Kazashite-Link compatible services"	51
Using Osaifu-Keitai compatible handset	51
Using "Osaifu-Keitai compatible services"	51
Using the handset	3
Using the status panel	27

V

VeilView	
Display	70
VeilView	70
Verify apps	73
Vibrate	45
Vibrate on key press	20
Vibrate on ring	40
Vibration time on key press	20
Video call	37
Video tutorial	
Grip sensor	18
Screen on/off with motion	69
Setting the home screen	27
View result screen	77
Viewing articles	36
Viewing icons	25
Viewing the display	88
Visibility timeout	83
Visible passwords	73
Voice	19
Voice input provider	20
Voice input settings	76
Voice mail service	41
Voice mail(charged)	89
Voice Memo List	40
Voice/Answering memo	40
Volume	68
Volume down for incoming calls	18
Volume up for watching media	18
VPN settings	73

W

Wallpaper	
Display	69
Setting the home screen	28
Warranty and After-Sales Service	92
Watch programs dubbed to device	85
Watch programs recorded in recorder	85
Watching/Recording reservation in Real Time	54
Waterproof	10
Web browser settings	57
Welcome lighting time	16
Welcome Sheet wallpaper	16
Welcome Sheet(lock screen)	69
When display turns on	69
When start charging	69
When unlocking	69
White Balance	60
Wi-Fi for home NW server	85
Wi-Fi frequency band	23
Wi-Fi optimization	24
Wi-Fi settings	23
Wi-Fi sleep policy	23
Wi-Fi tethering	24
Wi-Fi tethering Easy Connection	24
Wildcard prediction	21
Wireless output (Miracast)	85
Word prediction	21
WORLD CALL	38
World Clock	64
WORLD WING	87

Y

YouTube	63
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Check/Change the subscription, apply for various services, and request various information materials online.

From sp-mode dmenu ▶ お客様サポート (Support) ▶ ドコモオンライン手続きの一覧をみる (View lists of the docomo online procedure) (free of packet communication charges) (in Japanese only)

From a PC My docomo (<https://www.nttdocomo.co.jp/mydocomo/>) ▶ ドコモオンライン手続き一覧 (Lists of the docomo online procedure) (in Japanese only)

- ※ Use “network security code” to access from sp-mode.
- ※ Some services may be charged when you access the website from sp-mode.
- ※ Use “docomo ID/Password” to access from a PC.
- ※ If you do not have or you have forgotten your “network security code” or “docomo ID/Password”, contact the number listed in “General Inquiries” on the last page.
- ※ The websites may not be available depending upon the content of your subscription.
- ※ You may not be able to access some website services due to system maintenance etc.

Using mobile phone with your manners!

Please be considerate of those around you when using the handset.

Turn off your handset in the following places

■ When in an area where use is prohibited

When you are on an airplane or in a hospital, follow the instructions given by the respective airlines or medical facilities. Turn off the handset in areas where the use of mobile phones is prohibited.

Set Public Mode in the following places

■ While driving

Using a mobile phone in hand while driving is regarded as a punishable act. However, some cases such as when rescuing sick and injured people or maintaining public safety are exempted.

■ When in public places such as theaters, movie theaters or museums

Using the handset in public places where you should be quiet results in disturbing others.

Be aware of the place to use a mobile phone and the volume of your voice and ringing tone

- Be aware of the volume of your voice when using the handset in quiet places such as restaurant and hotel lobby.
- Use in places where you do not block a passage in the town.

Be considerate of the privacy of the individuals around you

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

Do not use your smartphone while walking

- Using your smartphone while walking on a platform of a train station, street, etc. may narrow your vision and cause a collision.
- Use your smartphone in a safe place after you stop walking.

These functions ensure manners in public

The handset has convenient functions such as setting not to answer a call and setting to mute sound of the handset.

● Manner mode (☎ P. 68 “Mode settings”)

Mutes sound of the handset.

※ However, the manner mode cannot mute camera shutter sound.

● Public Mode (Phone OFF) (☎ P. 41 “Network service”)

When a call is received, a message stating that you are in a place that does not allow the use of mobile phone is played and the call is automatically disconnected.

● Phone vibration (☎ P. 68 “Sound”)

Notifies you of incoming call with vibration.

● Answering memo (☎ P. 40 “Voice/Answering memo”)

Records callers' messages when you cannot answer the call.

※ Additionally, optional services such as Voice Mail Service (☎ P. 41 “Network service”) and Call Forwarding Service (☎ P. 41 “Network service”) are available.



モバイル・リサイクル・ネットワーク
携帯電話・PHSのリサイクルはここに

We collect your unnecessary mobile phones and other devices irrespective of carrier. Bring them to a docomo Shop near you.

※ Intended devices: Mobile phone, PHS, battery pack, charger and desktop holder (irrespective of carrier)

General Inquiries <docomo Information Center>

(Business hours: 9:00 a.m. to 8:00 p.m.)

 **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. (open all year round))

■ **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.

● Please confirm the phone number before you dial.

● For Applications or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo Shop etc. near you on the NTT DOCOMO website.

NTT DOCOMO website <https://www.nttdocomo.co.jp/english/>

Repairs

(Business hours: 24 hours (open all year round))

■ **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.

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 SH-02G, you should dial the number +81-3-6832-6600 (to enter "+", touch and hold "0").

■ **From land-line phones <Universal number>**

Universal number
international prefix

-8000120-0151*

* You might be charged a domestic call fee according to the call rate for the country you stay.

※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

● **If you lose your handset or have it stolen, immediately take the steps necessary for suspending the use of the handset.**

● **If the handset you purchased is damaged, bring your handset to a repair counter specified by DOCOMO after returning to Japan.**



Don't forget your mobile phone... or your manners!

When using your mobile phone in a public place, don't forget to show common courtesy and consideration for others around you.



**危険です、
歩きスマホ。**

Sales: NTT DOCOMO, INC.
Manufacturer: SHARP Corporation