

## 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 check the docomo Shop etc. near you on the NTT DOCOMO website and contact.

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.

## Inquiries from overseas (In case of loss, theft, unconnected, etc.)

(Business hours: 24 hours (open all year round))

■ **From DOCOMO mobile phones**

Display "+" on the screen

**-81-3-6832-6600 (toll free)**

(to enter "+", touch and hold "0".)

※ You can call using international call access code instead of "+".

■ **From land-line phones**

International call access code  
for the country you stay

**-81-3-6832-6600 (charges apply)**

※ You are charged a call fee to Japan.

※ For international call access codes, refer to DOCOMO website.

● Please confirm the phone number before you dial.

● 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。



キケン！  
水ぬれ充電

NTT  
**docomo**

# AQUOS *EVER* SH-02J

INSTRUCTION MANUAL '16.●

Sales: NTT DOCOMO, INC.  
Manufacturer: SHARP Corporation

# Introduction

Thank you for purchasing "SH-02J".

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 part names and functions.

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

This manual describes detailed guidance and operations of functions.

In the home screen, [ ] ▶ [Instruction Manual]

### User's Manual (in PDF format)

This manual describes detailed guidance and operations of functions.

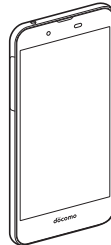
Download from the DOCOMO website

<https://www.nttdocomo.co.jp/english/support/trouble/manual/download/sh02j/index.html>

※ The latest information can be downloaded. 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 docomo LIVE UX and the setting of kisekae is [Champagne Gold]. If you change the home app, operation procedures etc. may be different from the explanations of this manual.
- Note that "SH-02J" 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-02J  
(includes warranty)



Quick Start Guide  
(in Japanese only)






Notes on usage  
(in Japanese only)

- Optional parts (sold separately) compatible with the handset can also be checked and purchased on docomo online shop. <https://www.mydocomo.com/onlineshop/options/index.html> (in Japanese only)







# Precautions (ALWAYS FOLLOW THESE DIRECTIONS)

- Before use, read these "Precautions" carefully and use your handset properly.
- 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.

 <b>Danger</b>	This symbol indicates that "death or serious bodily injury (*1) may directly and immediately result from improper use".
 <b>Warning</b>	This symbol indicates that "death or serious bodily injury (*1) may result from improper use".
 <b>Caution</b>	This symbol indicates that "minor injury (*2) and/or property damage (*3) may result from improper use".

- \*1 Serious bodily injury: This refers to loss of eyesight, bodily injury, burns (high- and low-temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or long-term hospital attendance as an outpatient.
- \*2 Minor injury: This refers to bodily injury, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.
- \*3 Property damage: This refers to extended damage to buildings, furniture, livestock, pets, etc.

■ The following symbols indicate specific directions.









 Indicates a prohibited action.	 Indicates not to handle the device with wet hands.
 Indicates not to disassemble the device.	 Indicates that instructions specified are compulsory (must be followed).
 Indicates not to use the device near water or get it wet.	 Indicates that the power cord must be unplugged from the outlet.

"Precautions" is explained in the following six sections.



- Handling the handset, adapters and docomo nano UIM card (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. 8

# Handling the handset, adapters and docomo nano UIM card (general)

## Danger

-  **Do not use, store or leave the equipment in locations subject to high temperatures or accumulation of heat (near a fire or heating unit, in a kotatsu or bedding, under direct sunlight, inside a vehicle on a hot day, etc.).**  
May cause fires, burns, bodily injury, electric shock, etc.
-  **Do not place the equipment inside cooking appliances such as microwave ovens and induction cookers or high pressure vessels such as pressure cookers, or near them.**  
May cause fires, burns, bodily injury, electric shock, etc.
-  **Do not sprinkle sand, soil or dirt on the equipment or put the equipment directly on it. Also, do not touch the equipment when sand etc. is adhering to your hand.**  
May cause fires, burns, bodily injury, electric shock, etc. Refer to the following for details on waterproofness/dustproofness.  
☞ P. 11 "Waterproof/Dustproof"
-  **Do not charge the equipment while it is wet with liquids such as water (drinking water, sweat, seawater, pet urine, etc.).**  
May cause fires, burns, bodily injury, electric shock, etc. Refer to the following for details on waterproofness.  
☞ P. 11 "Waterproof/Dustproof"
-  **Do not attempt to disassemble or modify the equipment.**  
May cause fires, burns, bodily injury, electric shock, etc.
-  **Do not get the equipment wet with liquids such as water (drinking water, sweat, seawater, pet urine, etc.).**  
May cause fires, burns, bodily injury, electric shock, etc. Refer to the following for details on waterproofness.  
☞ P. 11 "Waterproof/Dustproof"
-  **Do not allow liquids such as water (drinking water, sweat, seawater, pet urine, etc.) to get inside the charger terminal or external connection jack.**  
May cause fires, burns, bodily injury, electric shock, etc. Refer to the following for details on waterproofness.  
☞ P. 11 "Waterproof/Dustproof"
-  **Use only optional parts specified by NTT DOCOMO.**  
May cause fires, burns, bodily injury, electric shock, etc.

## Warning

-  **Do not subject the equipment to strong force, impacts or vibration such as letting it fall, stepping on it or throwing it.**  
May cause fires, burns, bodily injury, electric shock, etc.
-  **Do not allow conductive materials (such as metal objects and pencil lead) to come into contact with the charger terminal or external connection jack or dust to get inside it.**  
May cause fires, burns, bodily injury, electric shock, etc.



**Do not cover or wrap the equipment with bedding etc. when using or charging.**

May cause fires, burns, etc.



Instruction

**If charging is not completed after the specified charging time, stop charging.**

May cause fires, burns, bodily injury, etc. because of overcharging.



Instruction

**Be sure to turn off the handset and not to charge the battery in locations where flammable gas may be generated such as gas stations and where dust is generated.**

May cause explosions, fires etc. if using the equipment in location where flammable gas etc. is generated.  
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 any trouble such as an unusual odor, unusual noise, smoking, overheating, discoloration or deformation is found during use, charge or storage, follow the instructions below.**

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

May cause fires, burns, bodily injury, electric shock, etc. if you do not follow the instructions above.

## Caution



Don't

**Do not use a damaged equipment.**

May cause fires, burns, bodily injury, etc.



Don't

**Do not leave the equipment on unstable surfaces, such as on a wobbly table or sloped surface. Be very careful while the vibrator is set.**

May fall and cause injury etc.



Don't

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

May cause fires, burns, electric shock, etc.  
Refer to the following for details on waterproofness/dustproofness.

☞ P. 11 "Waterproof/Dustproof"



Don't

**If being used by a child, have a guardian teach him/her the proper handling procedures and do not have him/her use it improperly.**

May cause bodily injury etc.



Don't

**Do not place the equipment where the young children can reach it.**

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



Instruction

**Be careful when using the handset continuously for a long time or charging because it may become warm. Also, be careful not to touch it unintentionally for a long time when you fall asleep etc.**

The handset or adapter may become warm when using an app, a call, data communication, watching video, etc. for a long time or charging.

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

## Handling the handset

### Danger



Don't

**Do not throw the handset into a fire or heat it.**  
May cause fires, burns, bodily injury, etc. because of catching fire, exploding, overheating or leaking of the battery.



Don't

**Do not apply excessive force on the handset such as puncturing it with a nail (sharp object), hitting it with a hammer (hard object) or stepping on it.**  
May cause fires, burns, bodily injury, etc. because of catching fire, exploding, overheating or leaking of the battery.



Instruction

**If the substance etc. inside the internal battery 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 etc. because of the substance etc. inside the internal battery.



Instruction

**If the substance etc. inside the display comes into contact with your eyes or mouth, immediately rinse the contacted area with clean water. Then seek prompt medical treatment.**  
May result in loss of eyesight, sick, etc. because of the substance etc. inside the display.

### Warning



Don't

**Do not point the illuminated light directly at someone's eyes. Especially when you use it for young children, keep sufficient distance from them.**  
Do not use Mobile light near people's faces. Eyesight may be temporarily affected leading to accidents etc.



Don't

**Do not illuminate or emit the mobile light at anyone driving a car or other vehicles.**  
May prevent a driver from driving safely and cause a traffic accident etc.



Don't

**Do not watch the screen which is flashing repeatedly for a long time.**  
May cause spasm or loss of consciousness.



Don't

**Do not allow water or other liquids (drinking water, sweat, seawater, pet urine, etc.), metal, flammable material or other foreign object to enter the docomo nano UIM card slot or microSD Card slot on the handset.**  
**Also, do not insert the docomo nano UIM card or microSD Card in the wrong place or wrong side.**  
May cause fires, burns, bodily injury, electric shock, etc.



Don't

**Do not expose the camera lens to direct sunlight etc. for an extended period.**  
May cause fires, burns, bodily injury etc. because of the light-collecting mechanism of the lens.




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.

 **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.


 **Keep the handset away from the ears during a call in which hands-free is set, while the ringtone is ringing loudly, during stand-by, etc.**  
**When you attach the earphone/microphone etc. to the handset to play games, video/music, etc., do not make the volume too loud.**  
Excessively high volume or using the handset continuously for a long time may damage your hearing etc.  
Also, it may prevent you from hearing ambient sounds and cause an accident.


 **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.

 **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.


 **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, other electronic medical equipment, other equipment controlled by electronic signals, etc.  
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.


 **If the display part or camera lens is damaged, be careful of broken glass and the exposed inside of the handset.**  
May cause burns, bodily injury, electric shock, etc. if you touch the broken or exposed parts.


 **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, explosion, etc.


 **Do not allow a pet etc. to bite the handset.**  
May cause fires, burns, bodily injury, etc. because of catching fire, exploding, overheating or leaking of the internal battery.


## Caution


 **Do not swing the handset by its strap etc.**  
May hit you or others around you, resulting in an accident such as bodily injury.


 **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.


 **If the display is broken and the internal substance etc. then leaks, do not get it on your skin (face, hands, etc.), clothes, etc.**  
May result in damage to your eyes or skin etc.  
If the internal substance etc. comes into contact with your eyes, mouth, skin or clothes, immediately rinse the contacted area with clean water.  
Also, if it comes into contact with your eyes or mouth, seek medical treatment immediately after rinsing the contacted area.


 **Do not dispose of the handset in ordinary garbage.**  
May cause fires, burns, bodily injury, etc. because of catching fire. Also, may 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.

 **If the substance etc. inside the internal battery leaks, do not get the liquid on your skin (face, hands, etc.).**  
May result in damage to your eyes or skin etc.  
If the internal substance etc. comes into contact with your eyes, mouth, skin or clothes, immediately rinse the contacted area with clean water.  
Also, if it comes into contact with your eyes or mouth, seek medical treatment immediately after rinsing the contacted area.

 **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.


 **If any trouble on your skin is occurs due to using the handset, immediately stop using it and seek medical treatment. Use of the handset may cause itching, rashes, eczema, etc. depending on your constitution or health condition.**  
Refer to the following for details on materials of each part.  
☞ P. 8 "Material list"


 **Make sure that there is no metal (a blade of cutter, staple, etc.) on the handset because the earpiece/speaker section and back camera section contain parts that generate magnetic waves.**  
May cause bodily injury etc. because of the adhered object.


 **Look at the display in a well-lit place, keeping a certain distance.**  
Eyesight may be weakened etc. if you look at it in a dark place or closely.

## Handling adapters

### Warning

 **Do not use if the cord of the adapter is damaged.**  
May cause fires, burns, electric shock, etc.

 **Never use the adapter in humid locations such as a bathroom.**  
May cause fires, burns, electric shock, etc.

 **The DC adapter should only be used in negative grounded vehicles. Never use it in positive grounded vehicles.**  
May cause fires, burns, electric shock, etc.



**Do not touch adapters if you hear thunder.**  
May cause electric shock etc.



**Do not short-circuit the charger terminal when connected to an outlet or accessory 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, electric shock, etc.



**Do not place heavy objects on the cord of the adapter or apply excessive force on it such as pulling it.**  
May cause fires, burns, electric shock, etc.



**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, electric shock, etc.



**Do not connect the voltage converter for overseas travel (travel converter) to the AC adapter.**  
May catch fire, or cause overheat, electric shock, etc.



**Do not apply excessive force on the connection part with the adapter connected to the handset.**  
May cause fires, burns, bodily injury, electric shock, etc.



**Do not handle the cord, charger terminal or power plug of the adapter with wet hands.**  
May cause fires, burns, electric shock, etc.



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

Instruction

Using the incorrect power supply and voltage may cause fires, burns, electric shock, etc.  
AC adapter: 100V AC (Connect only with a household AC outlet)  
AC adapter available overseas: 100 to 240V AC (Connect only with a household AC outlet)  
DC adapter: 12/24V DC (for negative grounded vehicles only)



**If you replace the fuse in the DC adapter, always replace it with a specified fuse.**  
May cause fires, burns, electric shock, etc. if you use the fuse other than specified one. Refer to the respective manuals for information on specified fuses.

Instruction



**Wipe off any dust on the power plug.**  
May cause fires, burns, electric shock, etc. if you use the power plug with dust adhering.

Instruction



**Fully plug the adapter into the outlet or accessory socket.**  
May cause fires, burns, electric shock, etc. if you do not insert it securely.

Instruction



**Always grasp the adapters when unplugging the power plug from the outlet or accessory socket. Do not apply excessive force on it such as pulling the cord of the adapter.**  
May cause fires, burns, electric shock, etc. since the cord of the adapter is damaged by pulling it.

Instruction



**When plugging/unplugging an adapter into/from the handset, plug/unplug it straightly toward the terminal to connect, not applying excessive force on it such as pulling the cord.**  
May cause fires, burns, bodily injury, electric shock, etc. if you do not plug/unplug it correctly.

Instruction



Instruction

**If the charger terminal is deformed such as bending it, immediately stop using. Also, do not use the deformed one by returning it to the original shape.**  
May cause fires, burns, bodily injury, electric shock, etc. because of short circuit of it.



Unplug

**Unplug the power plug of the adapter from the outlet or accessory socket when not using.**  
May cause fires, burns, bodily injury, electric shock, etc. if you leave the power plug with it plugged into the outlet or accessory socket.



Unplug

**If water or other liquids (drinking water, sweat, seawater, pet urine, etc.) enter the equipment, immediately remove the power plug from the outlet or accessory socket.**  
May cause fires, burns, electric shock, etc.



Unplug

**Always unplug the power plug from the outlet or accessory socket before cleaning the equipment.**  
May cause fires, burns, electric shock, etc. if you do not unplug it.

## Caution



Don't

**Do not touch the adapter for a long time when connected to an outlet or accessory socket.**  
May cause burns etc.

## Handling docomo nano UIM card

### Caution



Instruction

**Be careful with the cutting surface not to injure any part of your body such as fingers when handling the docomo nano UIM card.**  
May cause bodily injury etc.

## 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.

May have harmful effects on the operation of the electronic medical equipment.

## Material list

### Handset

Part	Material/Surface treatment
Display side	Reinforced glass/Antifouling coating
Back	PC resin + ABS resin/Coating
Power key	Aluminum/Anodizing
Volume up/down key	Aluminum/Anodizing
Fingerprint sensor	Epoxy resin/Hard coating
Camera panel	Acrylic resin/Hard coating
Decoration of camera	Aluminum/Anodizing
Mobile light	PC resin
Earpiece/Speaker mesh	SUS/Coating
External connection jack (Metal section)	Copper + SUS/Gold plating, Tin plating
External connection jack (Resin section)	PA resin
Docomo nano UIM Card and microSD Card cover	PC resin/Coating
Hinge section of docomo nano UIM Card and microSD Card cover	Elastomer resin
Gasket of docomo nano UIM Card and microSD Card cover	Silicon rubber
docomo nano UIM card slot	SUS
microSD Card slot	SUS/Ni plating
Tray for inserting docomo nano UIM card	POM resin
IMEI plate	PET resin

## Handling precautions

### General notes

- **SH-02J is waterproof/dustproof, however, do not allow liquid such as water (drinking water, sweat, seawater, pet urine, etc.) and foreign object such as dust to get inside the handset and do not allow them to adhere to optional parts.**

The adapter and docomo nano UIM card are not waterproof/dustproof. 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 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, internal battery, etc. or result in a malfunction.

Keeping an external connector device plugged into the external connection jack 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.**

- **Do not drop or otherwise subject the handset to severe impact.**


May cause a malfunction or damage.

### 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%. For details on using it at a bathroom  P. 11 "What you can do with waterproof/dustproof of SH-02J"

- **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.**

- **Back up to the microSD Card, PC, cloud, etc. or keep a separate memo noting information stored on the handset.** DOCOMO shall not be liable for any loss of content.

- **When connecting an external connector device to the external connection jack, 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 and microSD Card cover closed.**  
Liquid such as water (drinking water, sweat, seawater, pet urine, etc.) or foreign object such as dust may get inside and cause a malfunction.
- **Do not give a strong impact on the fingerprint sensor or scratch the surface.**  
May cause not only malfunction of the fingerprint sensor but also disabling authentication.
- **Clean the fingerprint sensor with a soft and dry cloth (such as the type used for eyeglasses).**  
When the fingerprint sensor is dirty or gets wet on the surface, it cannot read the fingerprint and may degrade the authentication performance or cause an error.
- **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.
- **Do not cover the proximity sensor area with a film or sticker, or dirty it.**  
Each function for using the proximity sensor may not work normally. Refer to the following for details on the position of the proximity sensor.

☞ P. 14 "Part names and functions"

- **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.**
- **Depending on usage, the internal battery may swell as it approaches the end of its usable life.**  
**Note that if a problem is found to be due to swelling of the internal battery, 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.**
- **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 following is the type of the internal battery built into the handset.**

Label	Battery type
Li-ion00	Lithium-ion

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

- **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 about adapters

- **Charge the battery in areas where the ambient temperature is between 5°C and 35°C.**



## 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, [ ] ▶ [Settings] ▶ [About phone] ▶ [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, [ ] ▶ [Settings] ▶ [About phone] ▶ [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 [ ] [ ] : 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 crossstalk 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.

## Voluntary control for radio wave interference

- This product satisfies technical requirements based on VCCI Rules for Voluntary Control Measures and its satisfied mark is displayed on the electronic nameplate of the product.

You can see the electronic nameplate by operating the product as follows.

In the home screen, [ ] ▶ [Settings] ▶ [About phone] ▶ [Authentication]

## 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 (TCM)" 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, [ ] ▶ [Settings] ▶ [About phone] ▶ [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 the handset 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.
- **The FeliCa reader and NFC reader/writer function of the handset conform to the domestic radio wave standards. When you use it overseas, check conditions such as regulations of the country/region in advance.**
- **Never change the basic software improperly.**  
This may be regarded as a conversion of software and repairs may be refused.

## Waterproof/Dustproof

SH-02J is waterproof to IPX5<sup>\*1</sup> and IPX8<sup>\*2</sup> standards, and dustproof to IP6X<sup>\*3</sup> standard if the docomo nano UIM Card and microSD Card 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 IPX8 means that SH-02J phone keeps functioning after it is slowly submerged to depth of 1.5 m in static tap water at room temperature, left there for approximately 30 minutes and then taken out.
- \*3 IP6X means the level of dust protection. Phone has the ability to prevent dust from entering inside after it is left in the device containing dust (diameter: 75 μm or smaller) for 8 hours, agitated and then taken out.

## What you can do with waterproof/dustproof of SH-02J

- You can call without using an umbrella in the rain (for rainfall of approximately 20 mm per hour).

- You can rinse dirt off 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 and microSD Card cover held in position. Drain the handset before use (P. 12 "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.
- You can use the handset in a bathroom.
  - Never charge the battery in a bathroom.
  - Never soak the handset in a bathtub, hot spring water or water containing soap, detergent or bath powder. May cause a malfunction. If water other than tap water adheres to the handset or you fall the handset into the bathtub, immediately rinse off in specific procedure, and drain water and dry naturally.
  - Use the handset within 2 hours in a bathroom where the range of a temperature is between 5°C and 45°C and a humidity is between 45% and 99%. Be sure to drain water and dry naturally after using. All function's continuous operations are not completely guaranteed.
  - Make sure not to splash hot water on the handset.
  - The rapid changes of temperature may cause condensation. Wait until the handset reaches room temperature before you bring it from a cold place into a warm place such as a bathroom. Also, do not splash cold water on the warmed handset in a bathroom. May allow water to get inside it or cause a malfunction.
  - If condensation occurs inside the camera lens and display, leave the handset at room temperature for a while until the condensation is removed.
  - The signal does not reach and a call or data communication may not be available depending on the structure and conditions of the bathroom.
  - Do not use the handset with an earphone/microphone or an external connector device connected in a bathroom.

## Things to keep in mind

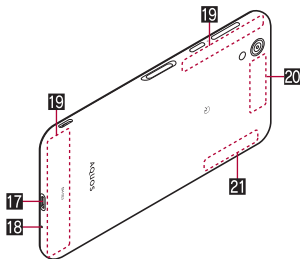
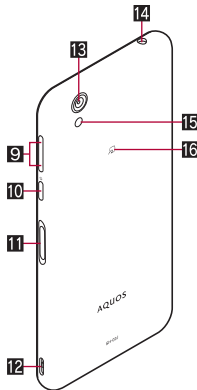
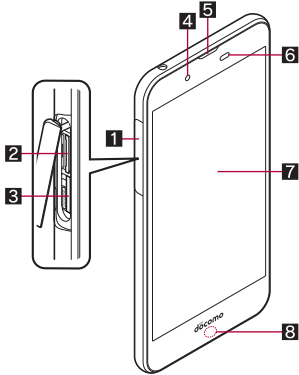
To maintain waterproof/dustproof performance, check the followings.

- Securely close the docomo nano UIM Card and microSD Card cover. Be careful not to apply excessive force on the rubber gasket when opening and closing.
- Make sure that the docomo nano UIM Card and microSD Card cover is completely closed without floating.
- To maintain waterproof/dustproof performance, the handset has the docomo nano UIM Card and microSD Card 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 and microSD Card cover (P. 15 "Inserting docomo nano UIM card")
  - To maintain waterproof/dustproof 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 are wet or water/foreign object adheres to the handset, do not open/close the docomo nano UIM Card and microSD Card cover.
- Close the docomo nano UIM Card and microSD Card cover securely. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow liquids or dust to get inside.

## Part names and functions



### 1 Docomo nano UIM Card and microSD Card cover

### 2 docomo nano UIM card slot

- The tray for inserting the docomo nano UIM card is stowed.
- For details on docomo nano UIM card ☞ P. 15 “docomo nano UIM card”

### 3 microSD Card slot

- For details on microSD Card ☞ P. 78 “microSD Card (external storage)”

### 4 Front camera

- For details on using camera ☞ P. 54 “SHCamera”

### 5 Earpiece/Speaker

- The other party's voice on the phone, ringtone, music, etc. can be heard from here.

### 6 Proximity sensor/Brightness sensor<sup>\*1</sup>

- 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<sup>\*2</sup>

- For details on operation of the touch panel ☞ P. 18 “Operation of touch panel”

### 8 Incoming/Charging lamp

- For details on incoming/charging lamp ☞ P. 25 “Incoming/Charging lamp”

### 9 (+)/(-): Volume up/down key

- Adjusts the volume in each function.

### 10 (⏻): Power key

- Use to turn the power on/off, etc.
- Use to turn the display on/off.
- For details on operation of the power key ☞ P. 17 “Turning power on/off”

### 11 Fingerprint sensor

- Use to unlock the touch panel etc. by fingerprint authentication.
- For details on using fingerprint sensor ☞ P. 73 “Fingerprint authentication”

### 12 Strap hole

### 13 Back camera

- For details on using camera ☞ P. 54 “SHCamera”

### 14 Earphone/Microphone terminal

### 15 Mobile light

### 16 (NFC) mark

- IC card is contained (It cannot be removed).
- For details on using (NFC) mark ☞ P. 49 “OsaiFu-Keitai”, P. 82 “NFC communication”

### 17 External connection jack

- For details on connection to an external device ☞ P. 17 “Charging with AC adapter/DC adapter”, P. 83 “PC connection”, P. 84 “USB host function”

### 18 Mouthpiece/Microphone

- Use it during call, when recording videos, talking to EMOPA, etc.

### 19 LTE/FOMA antenna<sup>\*3</sup>

### 20 GPS antenna<sup>\*3</sup>

### 21 Wi-Fi/Bluetooth antenna<sup>\*3</sup>

\*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 If the handset is equipped with a commercially available corresponding flip cover, you can turn the display on/off by opening/closing the flip cover. If you close the equipped flip cover obliquely, the display may not be turned off.

\*3 The antenna of back is built into the main body. Covering the antenna area with your hand may influence the quality.

- The back cover cannot be removed. Removing it forcibly may cause damage or malfunction.

### Earpiece/Speaker

- The earpiece is also a speaker. When you convert to a hands-free talking, end a call, etc. the sound volume is turned up to the set volume gradually so that the loud sound from the speaker would not be sounded near your ear.
- When you use [Answer] function of Suguden, they detect that your ear is closing to the speaker from which the ringtone is ringing and the ringtone volume is changed to proper volume. However, the loud volume may be sounded about your ear such as when not detecting that your ear is closing, so set the ringtone volume properly and use.

### 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.

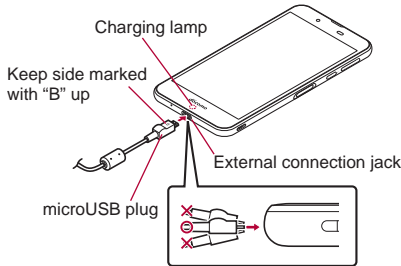
## Charging with AC adapter/DC adapter

[Read the user's guides of AC Adapter 05 (sold separately) and DC Adapter 04 (sold separately)]

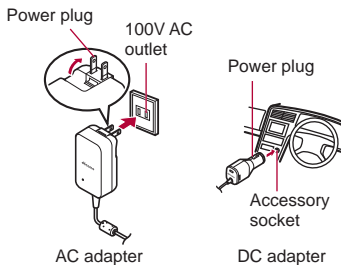
- Following operations describe how to charge with AC Adapter 05 or DC Adapter 04.

### 1 Insert the microUSB plug of the AC adapter/DC adapter horizontally into the external connection jack 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.



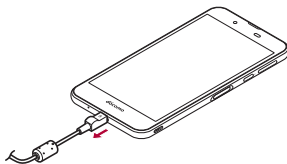
### 2 When you erect the AC adapter power plug and insert it into an outlet or insert the DC adapter power plug into a car accessory socket, the charging lamp illuminates and charging starts



### 3 When charging is complete, the charging lamp turns off

### 4 Remove the AC adapter power plug from the outlet, or remove the DC adapter power plug from the car accessory socket

### 5 Remove the microUSB plug of the AC adapter/DC adapter horizontally from the external connection jack



- Note that inserting or removing the equipment forcibly may cause damage to the external connection jack 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 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. 83](#) "PC connection"

## 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. 23](#) "Initial settings").

### Turning power off/Reboot/Emergency mode

#### 1 (for at least 1 second)

#### 2 Select an item

- **Power off:** Turn off the handset.
- **Reboot:** Reboot the handset.
- **Emergency mode:** For details [P. 19](#) "Emergency mode"

### Turning display on/off

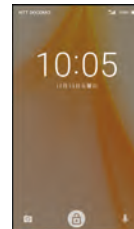
The display is turned off when is pressed or the handset is not in use for a set length of time.

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

### Touch panel lock

When the power or the display is turned on, the touch panel is locked.

Touch to unlock.




### Operations in touch panel lock screen

- To set/disable the manner mode: (for at least 2 seconds)
- To activate SHCamera:
- To activate シャベってコンシェル (Shabette-Concier):
- To activate Clock: Touch the clock
- To display the detailed information on notifications: Drag the clock down
- To display the status panel: Drag the status bar down

- The notifications are displayed in the lock screen of the touch panel. You can make settings for displaying of notifications in [When device is locked] ([P. 65](#) "Sound & notification").

- If you set [エモパー設定] (EMOPA settings) to ON, various information delivered by EMOPA is displayed under the clock. Depending on the information, you can check the related information or details by touching it twice.

Also, when [エモパーメモ] (EMOPA memo) is ON, you can use EMOPA memo in the lock screen of the touch panel.

- When [エモパー設定] (EMOPA settings) is set to ON, Clock is not activated even if you touch the clock.
- For details on EMOPA  P. 68 "EMOPA"

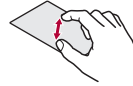
## ■ Flick

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.



## 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 object 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.
  - Operation under water

- 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 (Swipe)/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.



## Operation while using function

### ■ Navigation keys

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




#### 1 : Back key/Close key

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

#### 2 : Home key

- Display the home screen.



#### 3 : Recent Apps key

- Display Recent Apps ( P. 28 "Recent Apps").




### ■ Using user-aid function

You can quickly activate an app supporting the user-aid function.

#### 1 Touch and hold

- To set an activating app: In the home screen, [] ▶ [Settings] ▶ [Apps] ▶ [] ▶ [Default Apps] ▶ [Assist & voice input] ▶ [Assist app] ▶ select an app

### ■ Retrieving menu

When you touch []/[]/[] etc., slide the left edge of the screen to the right or touch and hold the screen, functions (menus) available in that screen appear.

#### Example: App list screen



### ■ Switching the settings

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

## 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 d ACCOUNT in advance. In the home screen, [ ] ▶ [Settings] ▶ [docomo service/cloud] ▶ [dアカウント設定] (Set d ACCOUNT) to set it.

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

2 Set to On

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 name ▶ set security ▶ [SAVE]
- WPS compatible access points can be easily registered. In the home screen, [ ] ▶ [Settings] ▶ [Wi-Fi] ▶ [ ] ▶ [Easy Settings] ▶ [WPS Push Button]/[WPS Pin Entry] to register an access point.

● When you select an access point and connect to it with a wrong password (security key), [IP Configuration Failure], [WiFi Connection Failure] or [Authentication problem] is displayed. Confirm the password (security key). When [IP Configuration Failure] 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 802.1x/EAP as the security setting.

● If you connect to an access point which is not connected to the Internet, [ ] is displayed and the communication may be made by mobile networks, not Wi-Fi connection. To make Wi-Fi communication by using such an access point, enable [Using this AP without internet connection] of Advanced options before connecting to the access point.

### Detailed settings

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

2 [ ] ▶ [Advanced]

3 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 whether to disconnect Wi-Fi when the display is turned off.
- **Avoid poor connections:** Set whether to use the Wi-Fi function only when stable Internet connections are available.
- **Install certificates:** Install certificates.
- **Wi-Fi Direct:** Make settings for Wi-Fi Direct.
- **Passpoint:** Set whether to automatically connect to the available Passpoint compatible access points when [Wi-Fi] is set to On.
- **MAC address:** Confirm the MAC address.
- **IP address:** Confirm the IP address.

### Disconnecting

1 In the home screen, [ ] ▶ [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 \$\$ devices in total at the same time: \$\$ PC connected via Micro USB Cable 01, \$\$ Wi-Fi compatible devices and \$\$ 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. 81 "Using Bluetooth function").

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

1 In the home screen, [ ] ▶ [Settings] ▶ [More] ▶ [Tethering]

2 Select an item

- **USB tethering:** Set whether to use the USB tethering.
- **Wi-Fi tethering:** Set whether to use the Wi-Fi tethering.
- **Set up Wi-Fi hotspot:** Make settings for Wi-Fi tethering such as network name 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.

### [USB tethering]

- The tethering function is available when OS of PCs is Windows Vista, Windows 7, Windows 8.1, Windows 10 or 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>



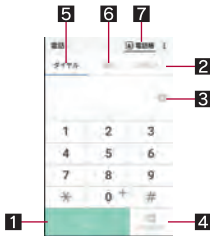
You can use the phone and phonebook, and make settings for call, voice/answering memo, operations available when calls are received, etc.

## Making a call

### 1 In the home screen, [📞] ▶ [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.
- Add the number registered in advance to the head of the phone number: Enter a phone number ▶ [⋮] ▶ [Select prefix] ▶ select the registered name of the number
  - You can add the number registered in [Prefix settings] (☞ P. 38 "Call settings/Other").



### 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 with 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 VoLTE available area
  - Preferred network type is set to [4G/3G/GSM(Auto)] (☞ P. 86 "Preferred network type")
  - Call mode setting is set to ON (☞ P. 00 "Cellular networks")

## 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, [📞] ▶ [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, [📞] ▶ [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.
- 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 the exact location information measured via GPS 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.
- 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.**

- 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.

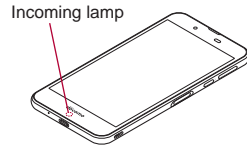
### [Calling Method]

- 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

※ If you use Suguden, you can answer a call just by putting the handset on your ear when a call is received (☎ P. 39 "Suguden setting").

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



### 2 Answer the call

- Operate after touching [📞].



Incoming voice call screen



Incoming video call screen

#### 1 Reject

- Reject the incoming call.

#### 2 Reject call with SMS

- Reject the incoming call and send a selected SMS message to the other party.

#### 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

#### ■ Answering a call while display is turned on

When a call is received while a screen other than lock screen of the touch panel is displayed, the incoming notification is displayed. You can answer the call by using the notification.

### 1 When a call is received, the incoming notification is displayed at the top of the screen

### 2 [ACCEPT]

- Touch the incoming notification to display incoming voice call/video call screen.

#### ■ Answering a video call without sending your own image

### 1 When a video call is received, the ringtone sounds and the incoming lamp flashes

### 2 In the incoming video call screen, [ : ] ▶ [Camera OFF response]

## 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, select “ドコモクラウド” (docomo cloud) folder ▶ [docomo phonebook] ▶ [Group]
- 2 Select a group
- 3 [Delete member]/[Add member]
- 4 Select names ▶ [OK] ▶ [OK]

● The group function is available on contacts created with a docomo account, 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, select “ドコモクラウド” (docomo cloud) folder ▶ [docomo phonebook] ▶ [My profile]
- 2 Check/Use the profile



- 1 Image
- 2 Registered content
- 3 Edit

### ■ Sharing My profile

You can send your phone number to another device or save it in cloud computing.

- 1 In the home screen, select “ドコモクラウド” (docomo cloud) folder ▶ [docomo phonebook] ▶ [My profile]

- 2 [ : ] ▶ [Share]

- 3 Select a sharing tool

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

### ■ Editing My profile

- 1 In the home screen, select “ドコモクラウド” (docomo cloud) folder ▶ [docomo phonebook] ▶ [My profile]

- 2 [Edit]

- 3 Set each item ▶ [Save]

## Backing up/Restoring phonebook

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

- For details on backing up/restoring phonebook by using docomo backup ☞ P. 64 “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). Data can be easily transferred when you have changed models or restored when you have lost the handset since sent and received mails are saved on the docomo mail server. Also, you can send, receive and view mails using the same mail address from multiple devices such as a tablet, PC browser, etc. if you use d ACCOUNT.

- For details on docomo mail, refer to the DOCOMO website.  
[https://www.nttdocomo.co.jp/service/docomo\\_mail/](https://www.nttdocomo.co.jp/service/docomo_mail/) (in Japanese only)

### 1 In the home screen, [✉]

- 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.

<https://www.nttdocomo.co.jp/service/sms/> (in Japanese only)

- You can also exchange messages with those who use network of overseas network operators. Refer to the DOCOMO website for information on countries where this service is available and available overseas network operators.

### 1 In the home screen, [☰] ▶ [Messaging]

### 2 [☰]

### 3 Enter the destination and message ▶ [➤]

- In the home screen, [☰] ▶ [Settings] ▶ [Apps] ▶ [⊕] ▶ [Default Apps] ▶ [SMS app] ▶ [Hangouts] to switch Default SMS app to Hangouts.

- 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, [☰] ▶ [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 display 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 Destination/Sender

### 3 Number of threads included unread messages

### 4 Newly compose message

### 5 Message search

### 6 Number of messages in thread

### 7 Date and time of the message exchange

## 3 Check the message



### 1 Destination/Sender

### 2 Phone call

### 3 Message

### 4 Date and time of the message exchange

## Replying message

### 1 In the home screen, [☰] ▶ [Messaging]

### 2 Select a thread

### 3 Enter the message ▶ [➤]

## Forwarding message

### 1 In the home screen, [☰] ▶ [Messaging]

### 2 Select a thread

### 3 Touch and hold a message ▶ [Forward]

### 4 Enter the destination and message ▶ [➤]

## Deleting message

### 1 In the home screen, [☰] ▶ [Messaging]

### 2 Select a thread

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

## Deleting thread

### 1 In the home screen, [☰] ▶ [Messaging]

- To delete all threads: [☰] ▶ [Delete all threads] ▶ [DELETE]

### 2 Touch and hold a thread ▶ [☰] ▶ [DELETE]

## Setting Messaging

### 1 In the home screen, [Messaging] ▶ [Messaging]

### 2 [Settings] ▶ [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 whether to activate the vibrator 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. 25 "Setting up mail account").

### 1 In the home screen, [Email] ▶ [Email]

### 2 [Compose]

### 3 Compose a mail



#### 1 Account

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

#### 2 Destination

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

#### 3 Subject

#### 4 Message

#### 5 Add destinations

- Touch it to add Cc or Bcc.

#### 6 File attachment

### 4 [Compose]

- 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 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, [Email] ▶ [Email]

### 2 Select a mail



#### 1 Box name/Folder name being displayed

- Touch [Folder icon] to switch or set folders/accounts.

#### 2 Mails

- The characters of sender or subject are displayed in thin characters when a mail is read.
- Touch images to checkmark the mails and you can set them to be deleted/unread/read etc. collectively.

#### 3 Mail search

#### 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

### 3 Check the mail



#### 1 Subject

#### 2 Sender/Destination

- Displayed if an image of the other party is registered in the phonebook. Touch to display 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.

#### 3 Date and time of reception

- Touch to display/hide the details of sender, destination or date and time of reception.

#### 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 Menu of each mail

- Touch to reply to all, forward or print by mail.

## 8 Reply

## 9 Delete

## 10 Unread

## Replying/Forwarding mail

### 1 In the home screen, [ ] ▶ [Email]

### 2 Select a mail

### 3 [↶]

- To reply to all: [ ] of each mail ▶ [Reply all]
- To forward: [ ] of each mail ▶ [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, [ ] ▶ [Email]

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

### 2 Select a mail

### 3 [ ] ▶ [OK]

## Setting Email

### 1 In the home screen, [ ] ▶ [Email]

### 2 [ ] ▶ [Settings]

### 3 Select an item

- **General settings:** Make settings for the whole Email.
- **Add account:** Add account.
- **Privacy policy:** Check the privacy policy.
- Select an account to make settings for the details on the account such as Signature and Email notifications.

## Gmail

You can use a mail service provided by Google or Email provided by general service providers.

- If you have not set up a Google account or Email account, follow the instructions on the screen and set.

### 1 In the home screen, select “Google” folder ▶ [Gmail]

### 2 [ ]

### 3 Compose a mail



#### 1 Account

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

#### 2 Destination

- Permit the use of phonebook by touching [Allow contacts suggestions] to display destination candidates when you enter part of a mail address or a name registered in the phonebook.

#### 3 Subject

#### 4 Message

#### 5 Add destinations

- Touch to add Cc or Bcc.

#### 6 File attachment

### 4 [ ]

## Displaying mail

### 1 In the home screen, select “Google” folder ▶ [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 Box name/Label name being displayed

- Touch [ ] to switch or set displaying types/accounts.

#### 2 Threads

- The characters of sender or subject are displayed in thin characters when all mails in thread are read.
- Touch images to checkmark the threads and you can set them to be archived/deleted/unread/read etc. collectively.

#### 3 Mail search

#### 4 Number of mails in thread



## 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, [ ] ▶ [Settings] ▶ [Bluetooth]

### 2 Set to On

### 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 search for Bluetooth devices: [  ] ▶ [Refresh]
- Touch [  ] of a paired Bluetooth device to set name and intended purpose 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 [Bluetooth] 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 ▶ [FORGET]

## ■ Disconnecting Bluetooth device

### 1 In the Bluetooth screen, select the Bluetooth device to disconnect ▶ [OK]

## ■ Setting Bluetooth

- Set after setting [Bluetooth] to On.

### 1 In the Bluetooth screen, [ ]

### 2 Select an item

- **Refresh:** Search for the Bluetooth device.
- **Rename this device:** Change the handset's name.
- **Qualcomm® aptX™:** Set whether to use Qualcomm aptX audio.
- **Show received files:** Display the history of data received via Bluetooth connection.

### [Qualcomm® 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, [ ] ▶ [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

- 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.

# Specific Absorption Rate (SAR) of Mobile Phones

**This model SH-02J 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 near the head is 0.504 W/kg (\*2) and when worn on the body is 0.511 W/kg (\*3). 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 head. 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](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/01denpa/denpa02-02.html> (in Japanese only)

NTT DOCOMO, INC. Website:

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

SHARP Corporation Website:

<http://k-tai.sharp.co.jp/support/sar/> (in Japanese only)

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

\*2 Including other radio systems that can be simultaneously used with LTE/FOMA.

\*3 Including other radio systems that can be simultaneously used with LTE/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 0.549 W/kg\* and when worn on the body is 1.300 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 5 mm 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



Hereby, SHARP CORPORATION declares that the radio equipment type SH-02J is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.sharp.co.jp/k-tai/> (in Japanese only)

Manufacturer's Address:

Sharp Corporation, IoT Communication BU  
2-13-1 Iida Hachihonmatsu  
Higashihiroshima-City  
Hiroshima,  
739-0192  
Japan

### ● Description of accessories

Headset, Handsfree	Φ3.5 audio jack, Bluetooth.
Micro USB cable	For charging, peripherals, etc.
microSD Card	microSD/microSDHC/microSDXC
nano UIM card	DOCOMO SIM card/non-DOCOMO SIM cards non-DOCOMO SIM cards can be used after SIM-unlocking the handset.

### ● Frequency range of supported bands in EU

GSM 900	Tx 880.2 to 914.8 MHz Rx 925.2 to 959.8 MHz
DCS 1800	Tx 1710.2 to 1784.8 MHz Rx 1805.2 to 1879.8 MHz
WCDMA FDD I	Tx 1922.4 to 1977.6 MHz Rx 2112.4 to 2167.6 MHz
LTE Band 1	Tx 1922.5 to 1977.5 MHz Rx 2112.5 to 2167.5 MHz
LTE Band 3	Tx 1710.7 to 1784.3 MHz Rx 1805.7 to 1879.3 MHz
Bluetooth	Tx 2402 to 2480 MHz Rx 2402 to 2480 MHz
WLAN 2.4 GHz	Tx/Rx 2412 to 2472 MHz (Bandwidth: 20 MHz only)
NFC	Tx/Rx 13.56 MHz
GPS	Rx L1 (1575.42 MHz)



### ● Maximum transmit power

GSM 900	+33 dBm (Power Class4)
DCS 1800	+30 dBm (Power Class1)
WCDMA FDD I	+24 dBm (Power Class3)
LTE Band 1	+23 dBm (Power Class3)
LTE Band 3	+23 dBm (Power Class3)
Bluetooth	+4.3 dBm (Power Class1)
WLAN 2.4 GHz	+11.0 dBm
NFC	-10 dBμA/m at 10 m

### Volume level caution



To prevent possible hearing damage, do not listen at high volume levels for long periods.

### Earphone Signal Level

The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 121.0 mV.

### 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.

### 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 0.76 W/kg and when worn on the body, as described in this user guide, is 0.82 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 APYHRO00242.

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 device is electronically labeled and the FCC ID can be displayed via the About phone & the Authentication under the Settings menu.

# 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.

## Intellectual Property Right



### Copyrights and rights of portrait

- Data with third party copyrights such as text, images, music and software that is downloaded via Internet websites, acquired by TV, video, etc. or shot by the handset cannot be duplicated, altered or publicly transmitted without rightful party’s consent. Only duplicating, quoting, etc. for personal use are permitted under the Copyright Act. Even if for personal use, filming and recording may be prohibited for stage performances, shows, exhibitions, etc. Also, shooting another’s image or posting another’s image on Internet websites without his/her consent may constitute a violation of one’s right to his/her image.

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- microSD Logo, microSDHC Logo and microSDXC Logo are trademarks of SD-3C, LLC.



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- OBEX™ is a trademark of Infrared Data Association®.
-  is a registered trademark of FeliCa Networks, Inc.

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## 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 the handset 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 ringtone

#### ■ 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 device.

### 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. 27 "Manner mode")

Mutes sound of the handset.

※ However, the manner mode cannot mute camera shutter sound.

#### ● Public Mode (Phone OFF) (☎ P. 38 "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. 65 "Sound & notification")

Notifies you of incoming call with vibration.

#### ● Answering memo (☎ P. 38 "Voice/Answering memo")

Records callers' messages when you cannot answer the call.

※ Additionally, optional services such as Voice Mail Service (☎ P. 38 "Network service") and Call Forwarding Service (☎ P. 38 "Network service") are available.

## Carrying out various procedures, checking subscription, etc. online

- From the handset **dメニュー (dmenu)** ▶ **My docomo (お客様サポート) (My docomo (support))** ▶ **ドコモオンライン手続き (docomo online procedure) (in Japanese only)**
  - From a PC **My docomo (https://www.nttdocomo.co.jp/mydocomo/)** ▶ **select an item on "ドコモオンライン手続き" (docomo online procedure) (in Japanese only)**
- ※ You may not be able to access some website services due to system maintenance, the content of your subscription, etc.
- ※ "Network security code" or "ID/Password" is required to use "ドコモオンライン手続き" (docomo online procedure).



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