NTT docomo

AQUOS PHONE
SH-06D

INSTRUCTION MANUAL   '12.2

docomo NEXT series

Introduction

Thank you for purchasing "SH-06D".
Be sure to read this manual before and during use to ensure proper operation.

Using the handset

- The handset supports W-CDMA, GSM/GPRS and Wireless LAN System.
- Because the handset relies on radio signals, it cannot be used in places with no signal (such as tunnels, underground or in buildings), in places with a weak signal or outside the FOMA service area. You may not use the handset in the upper floors of a building even with no obstructions in sight. There may also be times when the signal is strong and you are not moving but the call is interrupted.
- Because the handset uses electrical signals, it is possible for a third party to listen in on a conversation. However, since the W-CDMA and GSM/GPRS systems automatically apply privacy to every call, a third party that tries to listen in only hears static.
- The handset converts conversations into a digital signal and sends it to the other party over the radio. If the signal cannot be reconverted properly by such as moving to an area with a weak signal, the voice may not be heard correctly.
- Keep a separate memo and note information (e.g. the phonebook, calendar, memo, voice memo, answering memo) stored in the handset. DOCOMO shall not be liable for any loss of content due to a failure, repair, upgrade or other handling of the handset.
- As with PCs, some user-installed applications etc. may disrupt the stability of your handset performance or unexpectedly transmit information via the Internet causing improper use of your location information and personal information stored in the handset. Therefore, verify the supplier and operating conditions of the applications to be used before using them.

- It is recommended to save the important data to the microSD Card.
- The handset supports the FOMA Plus-Area and the FOMA HIGH-SPEED area.

Unlocking SIM lock

The handset can unlock the SIM lock. Unlock the SIM lock to use non-DOCOMO SIM cards.
- SIM lock can be unlocked at a docomo Shop.
- Commission is incurred separately for unlocking SIM lock.
- When using non-DOCOMO SIM card, some services and functions are unavailable. DOCOMO shall not be liable for guaranteeing operation of the handset.
- For details on unlocking SIM lock, refer to DOCOMO website.

Checking operation method

■ **Quick Start Guide (Basic package) (in Japanese only)**
  This guide describes operations of basic functions.
■ **User's Manual (Application of the handset) (in Japanese only)**
  This manual describes detailed guidance and operations of functions.
  In the home screen, [◉] ▶ [Instruction Manual]
  ・ To display help: [☰] ▶ [ヘルプ] (Help)
■ **User's Manual (in PDF format)**
  This manual describes detailed guidance and operations of functions.
  Download from the DOCOMO website
  http://www.nttdocomo.co.jp/english/support/trouble/manual/download/index.html
  ※ The URL and contents of this manual are subject to change without prior notice.

Basic package

SH-06D
(warranty and
Back Cover SH61)

Battery Pack SH31

Quick Start Guide
(in Japanese only)

microSDHC Card
(16 GB) (sample)
(includes user's guide)

microUSB cable for
PC (sample)
(includes user's guide)

● microSDHC Card is
inserted to the
handset by default.

FOMA charger micro
USB adapter SH01

Desktop Holder SH38
(includes warranty)
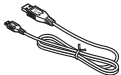
Earphone Plug Cable
(with Antenna) SH01

● For details on other optional parts ☞P. 156

● 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 application is
docomo Palette UI. If you change the home
application, operation procedures etc. may be
different from the explanations of this manual.
● Note that "SH-06D" is referred to as "handset"
in this manual.
● This manual refers to microSD Card or
microSDHC Card as "microSD Card" or
"microSD".
● Reproduction of this manual in part or in whole
is prohibited.
● The contents of this manual are subject to
change without prior notice.

Contents

Before Using the Handset

docomo Palette UI

Call/Network Services

Various Settings

Mail/Internet

File Management

Applications

International Roaming

Appendix/Index

Notes on using the handset

● The handset does not support i-mode functions (connection to i-mode site (broadcast), i-αppli, etc.).
● Google applications and its service contents are subject to change without prior notice.
● The handset automatically performs communication for some functions, for example, to synchronize data, check the latest software version or maintain connection with the server. Also, making a communication with large-volume data such as downloading applications or watching videos will lead to higher packet communication charges. Subscription to flat-rate packet communication services is highly recommended.
● Subscription to sp-mode is required to use Wi-Fi tethering.
● Packet communication charges when using Wi-Fi tethering differ according to your payment plans. Subscription to flat-rate packet communication services is highly recommended.
● Since Mobacas is a service that collaborates with communications, packet communication charges are incurred when using this service. Subscription to flat-rate packet communication services is recommended.

● For details on usage fees to use, refer to the following site.
http://www.nttdocomo.co.jp/ (in Japanese only)
● The handset does not support Public mode (Drive mode).
● Setting the handset to the manner mode does not mute sounds (camera shutter sound, etc.) other than the ring tone, operation sound, and various notification sounds.
● Software in the handset can be updated to up-to-date status (☞P. 164).
● For details on software version of your handset ☞P. 92
● In the home screen, [☺] ▶ [Settings] ▶ [Profile] to check your phone number (own number).
● New functions may be added to the handset, the operation method may change, etc. by upgrading the OS version. Check the DOCOMO website for the latest information of additions and changes.
● If the OS is upgraded, some applications that used in the previous OS version may not be available or some unintended bugs may occur.

- Capacity of microSD Card or the handset is nearly full, applications in use may not work properly. In that case, delete saved data.
- Secure the security of the handset by setting Screen lock in case you lose it (☞P. 85).
- Read the terms of use of Google Inc. for details on Google services. Also, read each terms of use for details on other web services.
- If your handset is lost, change your password for each account using a PC to prevent other persons from using Twitter, mixi, and Google services such as Google Talk, Gmail and Android Market.
- The handset does not support providers other than mopera U, Business mopera Internet (URL restriction) and sp-mode.
- It is recommended that microSD Card be inserted to use the handset. Some data such as images shot with the camera cannot be saved and some data cannot be sent and received using infrared communication or Bluetooth connection without microSD Card.

Precautions (ALWAYS FOLLOW THESE DIRECTIONS)

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

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

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

The following symbols indicate specific directions.

🚫 Don't	**Indicates a prohibited action.**
🚫 No disassembly	Indicates not to disassemble the device.
🚫 No wet hands	Indicates not to handle the device with wet hands.
🚫 No liquids	Indicates not to use the device near water or get it wet.

❗ Instruction	**Indicates that instructions specified are compulsory (must be followed).**
🔌 Unplug	Indicates that the power cord must be unplugged from the outlet.

"Precautions" is explained in the following seven sections.

Handling the handset, battery pack, adapters (including charger micro USB adapter), desktop holder, docomo mini UIM card and earphone plug cable (with antenna) (general)

⚠ **Danger**

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

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

🚫 No disassembly
Do not attempt to disassemble or modify the equipment.
May cause fires, burns, bodily injury or electric shock.

🚫 No liquids
Do not get the equipment wet with water, drinking water, pet urine, etc.
May cause fires, burns, bodily injury or electric shock. Refer to the following for details on waterproofness. ☞"Waterproof/Dust-proof" on P. 22

❗ Instruction
Use only the battery packs and adapters (including charger micro USB adapter) specified by NTT DOCOMO for use with the handset.
May cause fires, burns, bodily injury or electric shock.

⚠ **Warning**

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

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

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

Don't

May cause fires or burns.

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

Instruction

May cause a gas explosion or fire.

To use Osaifu-Keitai in locations such as gas stations, be sure to turn off the power in advance (If the Osaifu-Keitai lock setting is activated, disable the lock before turning off the power).

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

Instruction

- **Unplug the power cord from the outlet or cigarette lighter socket.**
- **Turn off the handset.**
- **Remove the battery pack from the handset.**

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

⚠ Caution

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

Don't

May fall and cause injury.

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

Don't

May cause fires, burns or electric shock.

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

Instruction

May result in bodily injury.

Keep the equipment out of the reach of young children.

Instruction

A young child may swallow the equipment or suffer other bodily injury.

Be very careful when using the handset connected to adapters (including charger micro USB adapter) repeatedly or for long periods of time.

Instruction

The handset, battery pack or adapters (including charger micro USB adapter) may become warm if 1Seg etc. is used for a long time while charging.

Touching high temperature areas for a prolonged period of time may cause skin irritations, itchiness or low-temperature burns in some people.

Handling the handset

⚠ Warning

Do not aim the infrared port towards the eyes.

Don't

May cause eye injury.

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

Don't

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

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

Do not use Mobile light near people's faces. Eyesight may be temporarily affected leading to accidents.
Precautions:
The mobile light source used for this product may emit the light over the safety level for eyes when operations such as undirected adjustments are intentionally made. Therefore, do not disassemble the handset.

EN60825-1:1994 A1:2002 & A2:2001
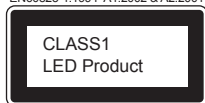
CLASS1
LED Product

Mobile light
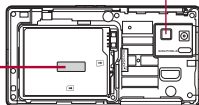
CAUTION-CLASS 1M
LED RADIATION WHEN OPEN
DO NOT VIEW DIRECTLY WITH
OPTICAL INSTRUMENTS

CAUTION:

Use of controls, adjustments or performance of procedure other than those specified herein may result in hazardous radiation exposure. As the emission level from Mobile light LED used in this product is harmful to the eyes, do not attempt to disassemble the cabinet. Servicing is limited to qualified servicing station only.

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

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

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

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

	Turn off the handset in areas where the use of mobile phones is prohibited, such as in aircraft or hospitals.
Instruction	

May interfere with the operation of electronic devices and electronic medical equipment.
Follow the instructions given by the respective medical facilities regarding the use of mobile phones on their premises.
Actions such as using a mobile phone aboard aircraft are prohibited and punishable by law.
However, follow the instructions on use of the handset given by the airline if the handset can be used aboard aircraft by setting the handset such as setting it not to emit radio wave.

	Keep the handset away from the ears during a call in which hands-free is set or while the ring tone is ringing. When you attach the earphone/ microphone, etc. to the handset to play games, music, etc., do not make the volume too loud.
Instruction	

Excessive high volume may damage your hearing.
Also, it may prevent you from hearing ambient sounds and cause an accident.
Earphone Signal Level
The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 23 mV.

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

May have harmful effects on your heart.

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

Instruction

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.

Instruction

May interfere with the operation of electronic devices.

Take particular care with the following devices

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

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

Instruction

The surface of the display is covered by a protective film while the surface of the camera lens is covered by a plastic panel so as to minimize the possibility of glass scattering. However, touching the broken or exposed parts may cause injury.

⚠ **Caution**

Do not swing the handset by its antenna, strap, etc.

Don't

May hit you or others around you, resulting in bodily injury.

Do not use a damaged handset.

Don't

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

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

Don't

May cause injury etc.

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

Don't

May result in loss of eyesight and harm to your skin.
If the liquid comes into contact with your eyes or mouth, immediately rinse your eyes or mouth with clean water and see a doctor.
If the liquid comes into contact with your skin or clothes, immediately wipe it off with alcohol, and wash with water and soap.

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

Don't

Using the equipment with the film removed may damage the display and cause bodily injury.

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.

Instruction

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

Use of the handset may cause skin irritations such as itchiness, rashes or eczema in some people. If this occurs, immediately stop using the handset and seek medical treatment.

Instruction

For details on materials of each part ☞ "Material list" on P. 15

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

Otherwise, eyesight may be weakened.

Handling battery pack

Check the type of battery using the information printed on the battery pack label.

Label	Battery type
Li-ion00	Lithium-ion

⚠ **Danger**

	Do not touch terminals with metallic objects such as wires. In addition, do not carry or store the battery pack with metallic necklaces, etc.
Don't	

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

	Check that the battery pack is facing the correct direction before you attach it to the handset. If you are having difficulty fitting the battery pack to the handset, do not use excessive pressure to force the battery into place.
Don't	

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

	Do not throw the battery pack into a fire.
Don't	

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

	Do not puncture, hit with a hammer or step on the battery pack.
Don't	

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

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

May result in loss of eyesight.

⚠ **Warning**

	If any trouble such as a deformation or scratches caused by dropping the battery pack is found, never use it.
Don't	

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

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

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

	Do not allow a pet to bite the battery pack.
Instruction	

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

⚠ **Caution**

	Do not dispose of used battery packs in ordinary garbage.
Don't	

May cause fires or damage to the environment. Place tape over the terminals to insulate unnecessary battery packs, and take them to a docomo Shop, retailer or institution that handles used batteries in your area.

	Do not use or charge a wet battery pack.
Don't	

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

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

Instruction

May result in loss of eyesight and harm to your skin.
If the liquid comes into contact with your eyes, mouth, skin or clothes, immediately rinse them with clean water.
If the liquid, etc. comes into contact with your eyes or mouth, see a doctor immediately after rinsing your eyes or mouth.

Handling adapters (including charger micro USB adapter) and desktop holder

⚠ Warning

Do not use if the cord of the adapter (including charger micro USB adapter) is damaged.

Don't

May cause fires, burns or electric shock.

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

Don't

May cause fires, burns or electric shock.

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

Don't

May cause fires, burns or electric shock.

Do not touch adapters (including charger micro USB adapter) if you hear thunder.

Don't

May cause electric shock.

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

Don't

May cause fires, burns or electric shock.

Do not place heavy objects on the cord of the adapter (including charger micro USB adapter).

Don't

May cause fires, burns or electric shock.

When plugging/unplugging the 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.

Don't

May cause fires, burns or electric shock.

Do not handle the cord of the adapters (including charger micro USB adapter), the desktop holder or the outlet with wet hands.

No wet hands

May cause fires, burns or electric shock.

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

Instruction

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

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

Instruction

May cause fires, burns or electric shock. Refer to the respective manuals for information on the correct fuse specifications.

Wipe off any dust on the power plug.

Instruction

May cause fires, burns or electric shock.

Fully plug the AC adapter into the outlet.

Instruction

May cause fires, burns or electric shock.

Always grasp the adapters when unplugging the power plug from the outlet or cigarette lighter socket. Do not forcibly pull by the cord of the adapter (including charger micro USB adapter).

Instruction

May cause fires, burns or electric shock.

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

Unplug

May cause fires, burns or electric shock.

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

Unplug

May cause fires, burns or electric shock.

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

Unplug

May cause fires, burns or electric shock.

⚠Caution

Do not swing the desktop holder by its antenna etc.

Don't

May hit you or others around you, resulting in bodily injury.

Handling docomo mini UIM card

⚠Caution

Be careful with the cutting surface when detaching the docomo mini UIM card.

Instruction

May cause bodily injury.

Handling near electronic medical equipment

The precautions detailed here conform to the guidelines drawn up by the Electromagnetic Compatibility Conference Japan, regarding the protection of electronic medical equipment from signals emitted by mobile phones.

⚠Warning

Observe the following in hospitals or other medical facilities.

Instruction

● Do not take your handset into operating rooms, ICUs (Intensive Care Units) or CCUs (Coronary Care Units).

● Turn off your handset inside hospital wards.

● Turn off your handset even when you are in an area outside hospital wards, such as a hospital lobby, since electronic medical equipment may be in use nearby.

● Where a medical facility has specific instructions prohibiting the carrying and use of mobile phones, observe those instructions strictly.

Turn off your handset in crowded places such as rush-hour trains in case somebody nearby is using an implanted cardiac pacemaker or implanted cardioverter-defibrillator.

Instruction

Electromagnetic signals may have harmful effects on the operation of implanted cardiac pacemakers and implanted cardioverter-defibrillators.

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 22 cm away from your implant.

Instruction

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

Patients receiving medical treatment away from a hospital or 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 for information regarding the effects of signals on the equipment.

Instruction

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

Viewing 3D images

⚠ Caution

Do not view 3D images if you have suffered from a photosensitivity disease or have a heart disease, or if you are in bad shape, sleep-deprived, tired or under the influence of alcohol.

Don't

May cause an increase in symptoms.

When you see a double image or have difficulty in perceiving the stereoscopic effect while viewing 3D images, stop using the 3D functionality.

Instruction

May cause eyestrain.

When you experience trouble such as fatigue or discomfort (sickness that is similar to carsickness) while viewing 3D images, stop using the 3D functionality.

Instruction

May cause sick feelings. Take a rest properly.
Be extra careful to use in the environment that tends to shake the screen such as a train or a vehicle.

Viewing 3D images is intended for use by children aged 7 years or older.

Instruction

When a child views 3D images, he/she may get sick suddenly, since it is difficult to notice a reaction such as fatigue or discomfort.
When a child views 3D images, his/her parents should supervise and monitor whether he/she feels eyestrain.

When viewing 3D images, take a break every 30 minutes.

Instruction

Viewing for a long time may cause eyestrain.

When viewing 3D images, hold the screen in front of your face and view.

Instruction

May cause eyestrain.
When viewing 3D images, hold the handset in front of your face and keep it approximately 30 cm away. A floating image or image which has depth appears.

Material list

Handset/Back cover/Battery pack

Part	Material/Surface treatment
Display side	Reinforced glass/Shatterproof sheet of surface
Surrounding section of display side	PA resin/UV coating for surface, Discontinuous deposition
Upper part of display side	PMMA resin
Sides	PA resin/UV coating for surface
Operation key	PC resin/UV coating for surface
Surrounding section of operation key	PC resin
Side key	PC resin/UV coating for surface
1Seg/Mobacas antenna	SUS/UV coating
Metal section of 1Seg/Mobacas antenna	Low alloy steel
Brace of 1Seg/Mobacas antenna	SUS/Ni plating
Charger terminal	SUS/Gold plating
Power supply terminal	SUS/Gold plating
External connector terminal	Copper alloy/Gold plating over Pd-Ni
External connector terminal cover	PC resin/UV coating for surface, Discontinuous deposition
Gasket of external connector terminal cover	Silicone rubber

Part	Material/Surface treatment
Camera/Infrared port panel	PMMA resin/UV coating
Mobile light	PC resin
Surrounding section of mobile light	PMMA resin
Inside back cover	PA resin
Speaker	Polyester
Surrounding section of speaker	Polyolefin
Jack sheet	PET
Upper section of docomo mini UIM card tray	Glass epoxy board/Gold plating
Resin section of docomo mini UIM card tray	LCP
Metal section of docomo mini UIM card tray	SUS/Ni plating
microSD Card slot	SUS
FOMA antenna	LDS resin/Gold plating, UV coating for surface
Battery terminal connector	LCP
Battery terminal	Free-cutting brass/Ni base, Gold plating
Battery storage side	PET/SUS
Screw	Steel/Ni plating, Black Ni plating, Trivalent chromate, Passivation coating
Back cover	Handset color White: ABS resin/UV coating Handset color Magenta Red, Blue Black: ABS resin/Soft touch coating

Part	Material/Surface treatment
Gasket of back cover	Silicone rubber
Battery lid spacer	PC resin
Battery pack	PC resin/Spark erosion
Battery pack terminal section	Copper alloy/Full surface Ni with plating base, Gold plating

Desktop holder

Part	Material/Surface treatment
Main body	ABS/Surface texturing
Tab	POM
Switch	POM
Lever	POM
Charger terminal	C2200W/Ni plating, Gold plating
Power supply terminal	C2200W/Ni plating, Gold plating
1Seg/Mobacas antenna	SUS
Tip of 1Seg/Mobacas antenna	PC resin
Brace of 1Seg/Mobacas antenna	Cadmium-free brass
Connector terminal	C5210R/Gold plating
Screw	SWCH/Black Ni plating
Stopper	Foamed polyurethane/Silicone resin

FOMA charger micro USB adapter SH01

Part	Material/Surface treatment
Connector section	TPE

Part	Material/Surface treatment
Cord section	TPE
Connector section on handset side (Metal section)	SUS
Connector section on AC adapter side (Terminal)	Corson alloy/Gold plating
Connector section on AC adapter side (Surrounding section of terminal)	PPS
Connector section on handset side (Terminal)	Phosphor bronze/Gold plating
Connector section on handset side (Surrounding section of terminal)	PA66

Earphone Plug Cable (with Antenna) SH01

Part	Material/Surface treatment
Cord section	Styrene system elastomer
Earphone/Microphone terminal	Olefin system elastomer
Earphone/Microphone terminal (Metal section)	Gold plating
Connector section	Olefin system elastomer
Connector section (Metal section)	STS304
Connector section (Terminal)	Gold plating
Connector section (Surrounding section of terminal)	PPA
Latch	STS304

Handling precautions

General notes

● **SH-06D is waterproof/dust-proof, however, do not allow water to seep or dust to get in the handset and do not allow accessories or optional parts to get wet or do not allow dust to adhere.**
The battery pack, adapter (including charger micro USB adapter), desktop holder, docomo mini UIM card and earphone plug cable (with antenna) are not waterproof/dust-proof. Do not use in humid or steamy areas such as bathrooms and avoid exposing to rain and other forms of moisture. If the handset is 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 LCD with a dry cloth may scratch its surface.
・ Note also that LCD coating may stain if moisture or soiling is left on the surface for a long period.
・ Never use chemicals such as alcohol, thinners, benzene or detergents, as these agents may erase the printing on the handset or cause discoloration.

● **Occasionally clean terminals with a dry cotton swab, etc.**
Dirty terminals may result in poor connections and loss of power. Keep the terminal clean with a dry cotton swab, etc.
Be careful with the terminal while cleaning it.

● **Do not place the handset 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 to the handset and battery pack when using them.**
Carrying the handset in a tightly packed bag or sitting on the handset in your pocket may cause damage to the display, other internal components or battery pack or result in a malfunction.
Keeping an external connector device plugged into the external connector terminal (earphone/microphone terminal) may cause damage to the connector or result in a malfunction.

● **Do not rub or scratch the display with metal, etc.**
May scratch the handset and cause malfunction or damage.

● **Read the respective manuals or user's guides supplied with the battery pack and adapters (including charger micro USB adapter) carefully.**

Notes about the handset

● **Do not forcefully press the surface of the touch panel or operate with a pointed object such as a fingernail, ballpoint pen, pin, etc.**
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 40°C (for temperatures of 36°C or higher, such as in a room with a bath, limit usage to a short period of time) and a humidity between 45% and 85%.

- **Using the handset close to landline phones, TVs or radios may have harmful effects on the operation of such equipment. Move as far away as possible from such items before use.**
- **Keep a separate memo noting information stored in the handset.**
  DOCOMO shall not be liable for any loss of content.
- **Do not drop or otherwise subject the handset to severe impact.**
  May damage the handset and cause a malfunction.
- **When connecting an external connector device to the external connector terminal (earphone/microphone terminal), do not put it in obliquely and do not pull it while it is plugged in.**
  May damage the handset and cause a malfunction.
- **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.
- **Use the handset with the external connector terminal cover closed.**
  Dust, water, etc. may get in and cause a malfunction.
- **Do not use the handset without the back cover.**
  May detach the battery pack or cause a malfunction or damage.
- **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.

Notes about the battery pack

- **The battery pack is a consumable product.**
  Though usage time varies with use, change the battery if the battery level is extremely low even after being fully charged. Purchase a specified new battery pack.
- **Charge battery in areas where ambient temperature is between 5°C and 35°C.**
- **The usage time for a battery pack depends on the usage and deterioration of battery pack.**
- **Depending on usage, the battery pack may swell as it approaches the end of its service life, but this will not cause problems.**
- **Note the following when the battery pack is stored.**
  - Storage with the battery pack fully charged (immediately after charging is completed)
  - Storage with no battery level (cannot turn the main body on)
  May lower the performance or shorten the life of the battery pack.
  Approximately 40% is recommended as the battery level for storage.

Notes about adapters (including charger micro USB adapter)

- **Charge the battery in areas where the ambient temperature is between 5°C and 35°C.**
- **Do not charge the battery pack in the following locations.**
  - Areas with high humidity or dust, or in areas exposed to strong vibrations
  - Close to landline phones, TVs, radios, etc.
- **Adapters (including charger micro USB adapter) 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 force or impacts. Also, do not disfigure the charger terminals.**
May cause a malfunction.

Notes about docomo mini UIM card

- **Do not apply unnecessary force when inserting/removing the docomo mini UIM card.**
- **Customer is responsible for malfunctions arising from inserting docomo mini UIM card into a different IC card reader/writer.**
- **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 in the docomo mini UIM card.**
DOCOMO shall not be liable for any loss of content.
- **To protect the environment, please take any unneeded docomo mini UIM cards to a docomo Shop or retailer.**
- **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 mini UIM card to severe impact.**
May cause a malfunction.
- **Never bend the docomo mini UIM card or place heavy objects on it.**
May cause a malfunction.

- **Do not insert the docomo mini UIM card to the handset with a label or sticker attached on the card.**
May cause a malfunction.

Notes on using Bluetooth function

- **The handset supports the security function that meets the Bluetooth specification for security during communication using Bluetooth functions. However, the security may not be sufficient depending on the configuration. 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**
The radio frequencies the Bluetooth function of the handset uses are as follows.

① 2.4: This radio equipment uses the 2.4 GHz band.
② FH: The modulation system is the FH-SS system.
③ 1: The estimated coverage distance is 10 m or less.
④ : All radio frequencies between 2400 MHz and 2483.5 MHz are used and the frequencies for mobile object identifiers shall not 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 is 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, 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 back of this manual 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**
  The radio frequencies the WLAN-installed devices use are indicated on the battery storage section of the main body of the handset. The following are the descriptions:

① 2.4: This radio equipment uses the 2400 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 2400 MHz and 2483.5 MHz are used and the frequencies for mobile object identifiers shall not be avoided.

Available channels for the handset's wireless LAN are between 1 to 13. Note that other channel access points cannot be connected.
Available channels vary depending on the country.
For use in an aircraft, contact the airline beforehand.

There are restrictions on the use of wireless LAN in some countries or regions such as France. If you intend to use wireless LAN overseas, check the local laws and regulations 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 unlicensed low power radio stations (radio stations requiring no license), and amateur radio stations (radio stations requiring a license) in addition to industrial, scientific, 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 unlicensed 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 back of this manual for crosstalk avoidance, etc. (e.g. partition setup).**
  3. **If the device causes radio interference to specific unlicensed low power radio stations for a mobile object identifier or amateur radio stations, contact the number listed in "General Inquiries" on the back of this manual for further details.**

FeliCa reader/writer

- **The FeliCa reader/writer function in the handset uses weak electric waves in the handling of which does not require a license of radio station.**
- **The frequency in use is the 13.56 MHz band. When another reader/writer 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.**

Caution

- **Never use the handset that is modified. Using a modified device violates the Radio Law.**
  The handset has acquired the certification of conformity with technical regulations for the specified radio station based on the Radio Law, and the "Technical Conformity Mark ⊕" is printed on the model nameplate of the handset as a proof. If the screws of handset are removed and a modification is given to the inside, the certification of conformity with technical regulations will become invalid. Never use the handset without the valid certification. Doing so violates the Radio Law.
- **Be careful when using the handset while driving a motor vehicle.**
  Using a mobile phone in hand while driving is regarded as a punishable act.
  However, the punishment has no application in some cases such as when rescuing sick and injured people or maintaining public safety.
- **Use the FeliCa reader/writer function only in Japan.**
  The FeliCa reader/writer function in the handset conforms to the domestic radio wave standards. Using the function overseas may result in punishment.

- **Never change the basic software improperly.**
  This may be regarded as a conversion of software and repairs may be refused.
- **Be careful not to connect the handset to PC using the microUSB cable for PC (sample) in areas where the use of mobile phones is prohibited.**
  Power may turn on automatically.

Viewing 3D images

- **There are individual differences in how people perceive 3D images.**
- **Keep the display parallel to your eyes when watching 3D images.**

Waterproof/Dust-proof

SH-06D is waterproof to IPX5[*1] and IPX7[*2] standards, and dust-proof to IP5X[*3] standards if the external connector terminal cover is securely closed as well as the back cover is attached.

- [*1] IPX5 means that phone keeps functioning after being subjected to a jet flow (approximately 12.5 liters/min) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from the handset) for 3 minutes or more.
- [*2] IPX7 means that SH-06D phone keeps functioning after it is slowly submerged to depth of 1 m in static tap water at room temperature, left there for approximately 30 minutes and then taken out.
- [*3] IP5X means the level of dust protection. Phone keeps functioning in safety 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/dust-proof of SH-06D

- You can call without using an umbrella in the rain (for rainfall of approximately 20 mm per hour).
- You can rinse off dirt from the handset. Wash the handset with low-pressure water flow (6 liters/min or lower and tap water at room temperature (between 5°C and 35°C)), holding it approximately 10 cm below faucet or shower head. Wash by using only your hands, not a brush or sponge, with the back cover attached, and the external connector terminal cover held in position. Drain the handset before use (☞P. 25).
- 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. Do not soak the handset in the bathtub.

Things to keep in mind

To maintain waterproof/dust-proof performance, check the followings.

- Securely close the external connector terminal cover and the back cover. Be careful not to apply excessive force on the rubber gasket when opening and closing them.
- Make sure that the external connector terminal cover and the back cover are completely closed without floating.

● To maintain waterproof/dust-proof performance, the handset has the external connector terminal cover and the back cover that allow you to close securely. May cause injuries to your nails or fingers if you try to open them forcibly.
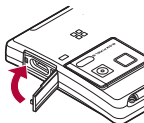
Opening external connector terminal cover

Hook your finger into the slot to open.

Slot
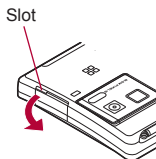
Closing external connector terminal cover

Push and close securely in the direction of the arrow so that gaps are not left between the handset and the external connector terminal cover.

Removing back cover

1 Securely hold the surrounding section of camera, put fingers on the center of the back cover and hook the tip of a finger under the concave portion of the back cover to remove

Concave portion
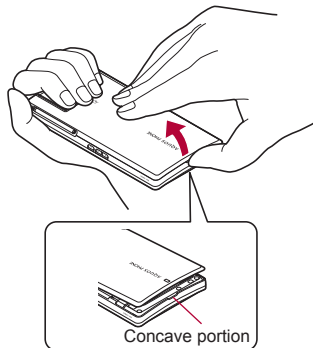
Attaching back cover

1 Confirm the direction of the back cover, adjust it to the direction of the handset and press the surrounding section (shaded section) of the back cover securely to attach

• Make sure there is no space between the back cover and the handset.
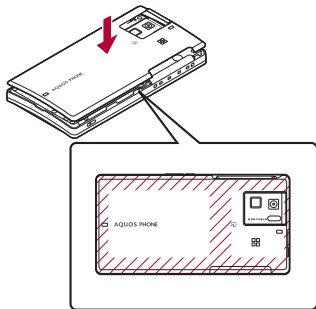
- Securely close the back cover. If not closed securely, the back cover may come off and the battery pack may fall out due to vibration. May damage the waterproof/dust-proof performance and allow water to seep or dust to get in.
- The back cover may be damaged if it is inserted or removed forcibly. Be careful not to apply excessive force on it.

- To maintain waterproof/dust-proof performance, replacement of parts is required 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 center that DOCOMO specifies.

Precautions

- When your hands or the handset are wet, do not attach/remove the back cover or open/close the external connector terminal cover.

- Close the external connector terminal cover and the back cover securely. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow water to seep or dust to get in.
- If the handset gets wet with water or other liquids with the external connector terminal cover or the back cover opened, the liquid may get inside the terminal causing electric shocks or malfunction. Stop using the handset, turn off the power, remove the battery pack and contact a repair center that DOCOMO specifies.
- The rubber gaskets of the external connector terminal cover and the back cover play an important role in maintaining waterproof/dust-proof performance. Do not remove or scratch them. Also, prevent dust from adhering to them. If the rubber gasket of the external connector terminal cover or the back cover is damaged or deformed, replace it at a repair center that DOCOMO specifies.
- Do not insert sharp objects through external connector terminal cover and back cover gaps. It causes damage to the rubber gasket and allow water to seep or dust to get in.
- If the back cover is damaged, replace it. Water may seep inside from a damaged section causing troubles such as electric shocks or corrosion of the battery.
- Do not use the handset underwater (including key operations). May cause malfunction.
- Do not apply water flow stronger than allowed (☞P. 22) (over 6 liters/min). May cause malfunction though SH-06D provides waterproof performance of IPX5.
- Do not let the handset get wet with liquids other than water at room temperature (between 5°C and 35°C).
- Do not wash the handset in a washing machine, etc.
- To prevent condensation, do not bring the handset from a cold place to a bathroom, etc. without letting the handset warmed to room temperature.

- Do not expose the handset to extreme humidity for long periods. Avoid prolonged use in bathrooms.
- Never soak the handset in hot spring water or water containing soap, detergent or bath powder.
- Do not soak the handset in hot water, use it in a sauna or apply hot air (from a hair dryer, etc.) to it.
- Do not soak the handset in seawater.
- Do not put the handset directly on sand/dirt.
- Do not leave the handset wet. In cold places, water may freeze and cause malfunction.
- The handset does not float on water.
- Do not let the handset fall. It may become scratched and cause the waterproof/dust-proof performance to degrade.
- Do not leave water on the mouthpiece, earpiece or speaker. Such water may interfere with talking.
- Accessories and optional parts are not waterproof/dust-proof. When the handset is placed on the accompanying desktop holder, do not use it in rooms where water is regularly in use such as bathroom, shower room, kitchen, lavatory, etc. even if the AC adapter is not connected to it.

Soap/Detergent/ Bath powder   Seawater   Swimming pool

Hot spring   Sand/Dirt

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

Draining water when the handset gets wet

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

1 Wipe the handset surface with dry and clean cloth, etc.

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

**2 Shake the handset approximately 20 times, securely holding it, until there is no more water splattering**
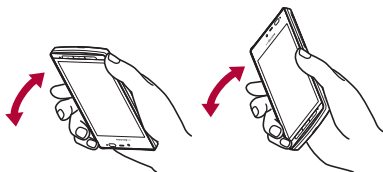
To drain water off the speaker, shake the handset with the speaker turned up
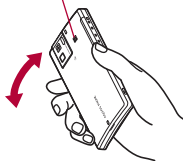
3 Softly press dry and clean cloth, etc. against the handset to wipe off water remaining in the mouthpiece, earpiece, speaker or keys

• Pat the opening with cloth to remove water because there may be any water remaining in the grooves of each part.
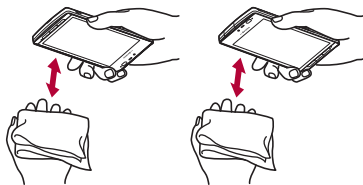
4 Wipe off water drained from the handset with dry and clean cloth, etc.

• Water, if any, remaining in the main body may ooze up after wiping off.

Charging

Accessories and optional parts are not waterproof/dust-proof. Check the followings before and after charging.

● Make sure that the handset is not wet. If the handset is wet or after the handset is wet, adequately drain it and wipe off water with dry and clean cloth, etc. before placing in the desktop holder or opening the external connector terminal cover.

● When the external connector terminal cover is opened for charging, close the cover securely after charging. It is recommended that the desktop holder be used for charging to prevent water from seeping inside and dust from getting in from the external connector terminal.

● Never try to charge the battery pack when the handset is wet.

● Do not touch the AC adapter or the desktop holder with your wet hands. May cause electric shock.

● Do not use AC adapters or desktop holders in a place subject to water. Do not use the AC adapter or desktop holder in rooms which water is regularly in use such as bathroom, shower room, kitchen, lavatory, etc. May cause fire or electric shock.

Before Using the Handset

Part names and functions
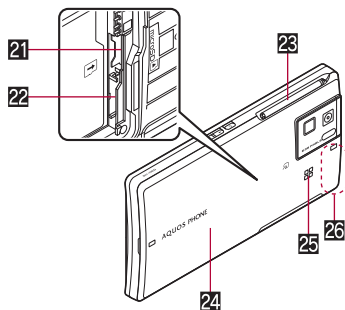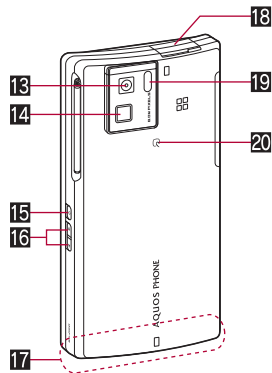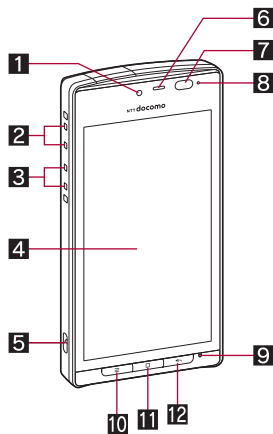
If you use an earphone/microphone which is not compatible with the external connector terminal, connect the handset to the commercially available earphone/microphone with the accompanying Earphone Plug Cable (with Antenna) SH01 before use.

● For compatible earphones/microphones, refer to the following website.
http://k-tai.sharp.co.jp/support/d/sh-06d/peripherals.html#!/earphone_support (in Japanese only)

Earphone Plug Cable (with Antenna) SH01

Earphone/Microphone plug

Earphone/Microphone terminal

Connector section

Open external connector terminal cover
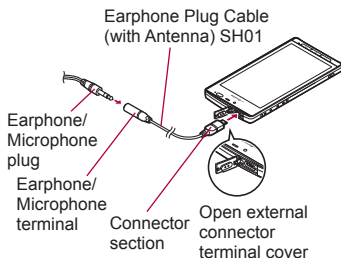
1 Sub camera

2 Charger terminal
● Use for charging with the accompanying desktop holder.

3 Power supply terminal
● Use for supplying radio waves of Mobacas from the desktop holder.

4 Display/Touch panel

5 Strap hole

6 Earpiece

7 Proximity sensor/Brightness sensor*1
● The proximity sensor detects the distance to the face and prevents inadvertent operation of touch panel during a call.
● The brightness sensor detects the brightness of the surrounding area and adjusts the brightness of the backlight.

8 Incoming/Charging lamp
● The lamp will illuminate/flash according to the function being used and situation.

9 Mouthpiece/Microphone

10 ☰: Menu key
● Displays available functions (menus) in a screen.

11 ⌂: Home key
● Displays the main page of the home screen.

12 ⬐: Back key
● Returns to the previous screen.

13 Main camera

14 Mobile light

15 θ: Power key
● Use to turn the power on/off, etc.
● Use to set/disable the sleep mode.

16 θ/θ: Volume UP/DOWN key
● Adjusts the volume in each function.

17 FOMA antenna*2

18 External connector terminal

19 Infrared port

20 ⌇ mark
● IC card is contained (It cannot be removed).

21 microSD Card slot

22 docomo mini UIM card slot

23 1Seg/Mobacas antenna

24 Back cover

25 Speaker
● Ring tone, music, etc. can be heard from here.
● The other party's voice can be heard from here during a hands-free call.

26 **GPS/Wi-Fi/Bluetooth antenna**[*2]

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

Display

● The display is manufactured using high-precision technology, but it may occasionally contain dots that fail to light or that remain permanently lit. This is not a malfunction.

docomo mini UIM card

A docomo mini UIM card is an IC card that records personal information, such as phone numbers.

● You cannot make a call and use functions such as packet communication etc. without inserting a docomo mini UIM card.
● You cannot use the docomo mini UIM card with other than the compatible terminals and may not be able to use a part of the site and data when you change from the UIM.
● In Japan, you cannot call to the emergency number (110, 119 or 118) without inserting a docomo mini UIM card.
● The handset supports only docomo mini UIM card. Change the UIM at a docomo Shop.
● Before inserting or removing the docomo mini UIM card, turn off the power, position the back facing upwards and remove the battery pack. Hold the handset securely with your both hands.

Inserting docomo mini UIM card

1 **Remove the back cover (☞P. 23)**

2 **Pull the lever until the tray comes out (1)**
   ● Pull out the tray straight until it stops (to the pull-out position of the tray).

3 **Hold the docomo mini UIM card with the IC (gold) side turned up and set on the tray (2)**

— Notch
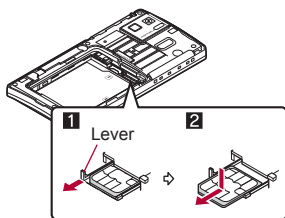IC (gold)
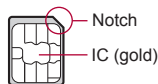
4 **Push the docomo mini UIM card and the tray all the way in (3)**

1 Lever   2   3

Tray   Notch
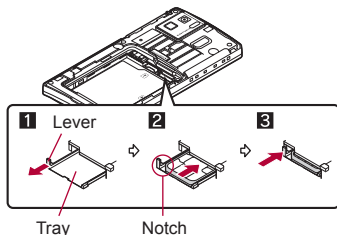
5 **Attach the back cover (☞P. 23)**

1 **Remove the back cover (☞P. 23)**

2 **Pull the lever until the tray comes out to the pull-out position of the tray (❶) and pull docomo mini UIM card straight out (❷) while pressing it from above**

- Do not allow the docomo mini UIM card to fall when removing it.

❶ Lever   ❷

3 **Attach the back cover (☞P. 23)**

- Note that pulling forcibly or adding forces on the lever may damage it.
- Note that inserting or removing the docomo mini UIM card forcibly may damage the docomo mini UIM card or deform the tray.
- Refer to the docomo mini UIM card user's guide for more information on the docomo mini UIM card.
- Do not misplace the docomo mini UIM card once it is taken out.

microSD Card

You can save data in the handset to microSD Card or import data on microSD Card to the handset.

- The SH-06D is compatible with microSD Card of up to 2 GB and microSDHC Card of up to 32 GB (as of February 2012). For the latest information such as the manufacturer and available capacity of the microSD Card, refer to the following website.
  http://k-tai.sharp.co.jp/support/d/sh-06d/peripherals.html#!/microsd_support (in Japanese only)
  Ask the manufacturers of microSD Cards that are not provided in the sites for information on such microSD Cards.
 Note that the provided information is the information checked for operation. DOCOMO shall not be liable for all operations.
- The size of a file that can be used is up to 2 GB.
- Do not turn off the handset immediately after inserting the microSD Card in the handset (while writing information needed for the handset operation) or while editing data on the microSD Card. Data may be damaged or operation may not work properly.
- Format unformatted microSD Cards on the handset before use (☞P. 89). microSD Cards formatted by PCs or other devices may not be used properly by the handset.
- Data saved on the microSD Cards from other devices may not be displayed or played on the handset. Some data saved to the microSD Card from the handset may not be displayed or played on other devices.

- Back up the data saved on a microSD Card and store in another place. DOCOMO shall not be liable for any loss or change of the saved data.
- Before inserting or removing (including after unmounting) the microSD Card, turn off the power, position the back facing upwards and remove the battery pack. Hold the handset securely with your both hands. Data may be damaged or operation may not work properly.

Inserting microSD Card

1 **Remove the back cover (☞P. 23)**

2 **Insert the microSD Card slowly with the metal terminal side turned down**

   • Do not force the microSD Card in at an angle or with the wrong side down.
     The microSD Card slot may be damaged.
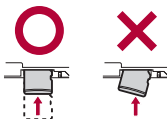
   • Insert the microSD Card slowly with your fingers until a click is heard.
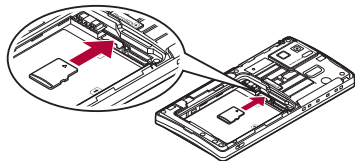
3 **Attach the back cover (☞P. 23)**

Removing microSD Card

1 **Remove the back cover (☞P. 23)**

2 **Gently push the microSD Card towards inside (1)**

   • Push the microSD Card until it clicks. It will eject towards you. Pulling it forcibly may damage the handset or the microSD Card.

3 **Remove the microSD Card (2)**

   • Remove the microSD Card by slowly pulling it straight out.
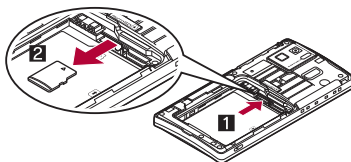
4 **Attach the back cover (☞P. 23)**
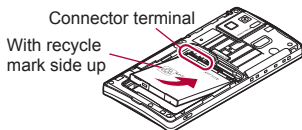
Battery pack

- Use the Battery Pack SH31 exclusive to the handset.
- For attaching or removing the battery pack, turn off the power, position the back facing upwards, and hold the handset securely with your both hands.

Attaching battery pack

1 **Remove the back cover (☞P. 23)**

2 **Attach the battery pack**

- With the recycle mark side turned up, place the connector terminal of the handset to that of the battery pack and attach the battery pack.
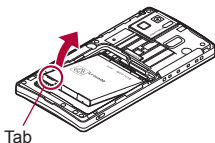
Connector terminal

With recycle mark side up

3 **Attach the back cover (☞P. 23)**

Removing battery pack

1 **Remove the back cover (☞P. 23)**

2 **Remove the battery pack**

- The battery pack has a tab that makes it easy to remove. Hook a finger on the tab to prevent excessive force on it and remove the battery pack upward.

Tab

3 **Attach the back cover (☞P. 23)**

- Using unnecessary force when attaching or removing the battery pack may damage the connector terminal for the battery pack (charger terminal) on the handset.

Charging

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

- It is recommended that the accompanying desktop holder be used for charging to prevent water from seeping or dust from getting in caused by forgetting to close the external connector terminal cover (☞P. 34).
- The accompanying FOMA charger micro USB adapter SH01 is required to charge with the FOMA AC Adapter 01/02 (sold separately) or FOMA DC Adapter 01/02 (sold separately).

Cautions while charging

- Do not charge for a long time with the power left on. If the handset is left on after charging is complete, the battery pack charge decreases. In that case, the AC or DC adapter (sold separately) charges the battery again. However, depending on the time when the handset is disconnected from the AC or DC adapter, the battery charge level may be low or the battery may only be usable for a short time.
- If the handset is left for a long time even after the charging is completed, the battery level may decrease.
- When the battery is empty and the handset is being charged, charging lamp may not illuminate immediately. However, charging is in progress.
- If the battery empty alert is displayed and the power cannot be turned on, charge the battery for a while.

- While charging, the handset may not turn on even when charging lamp is illuminated in red. Charge longer and try turning power on again.
- Frequently recharging the battery when its power is still remaining enough may shorten the life of the battery pack. It is recommended to use the battery to a certain level before recharging.
- If you watch Mobacas, receive contents, etc. while charging, move the handset as far away as possible from the power plug section of the AC adapter.

Estimated charge time and lamp display

The following figures are estimated times for charging an empty battery pack with the handset turned off.

| FOMA AC Adapter 01/02 | Approx. 280 min |
| FOMA DC Adapter 01/02 | Approx. 280 min |

- Charging lamp illuminates in red while charging, and it turns off when charging is completed.
- Check that the battery pack has been properly attached when charging lamp flashes red. The lamp also flashes red when the battery pack has reached the end of its service life.
- The battery pack can also be charged with the handset turned on (While charging, the battery icon appears with [⚡] superimposed).
- When the battery becomes warm, charging may automatically stop even if the battery has not been fully charged. Charging resumes after the temperature lowers to an appropriate temperature.

Estimated time of use when fully charged

Continuous talk time	FOMA/3G
	  Approx. 300 min
	GSM
	  Approx. 450 min

Continuous stand-by time	FOMA/3G
	  At rest: Approx. 420 hr
	  (Network Mode: 3G/
	  GSM(Auto))
	GSM
	  At rest: Approx. 290 hr
	  (Network Mode: 3G/
	  GSM(Auto))

1Seg watching time	Approx. 220 min
Mobacas watching time	Approx. 190 min

- For details on time of use ☞P. 172

Battery pack service life

- Battery pack is a consumable product. Service time per charge is gradually reduced every time the battery is charged.
- When service time per charge is reduced to about half of the default time, this means that the battery pack is approaching the end of its service life. In such a case, it is recommended to replace the battery pack as soon as possible. Depending on usage, the battery pack may swell as it approaches the end of its service life, but this will not cause problems.
- If watching 1Seg, etc. is available while charging for a long time, the service life of the battery pack may become shorter than estimated.

Li-ion00

AC adapter and DC adapter

- Refer to user's guide of FOMA AC Adapter 01/02, FOMA AC Adapter 01 for Global use (sold separately), FOMA DC Adapter 01/02, AC Adapter 03 (sold separately) or DC Adapter 03 (sold separately).
- FOMA AC Adapter 01 covers only 100V AC. FOMA AC Adapter 02/FOMA AC Adapter 01 for Global use/AC Adapter 03 covers from 100 to 240V AC.
- The shape of the plug for the AC adapter is for 100V AC (for domestic use). To use the AC adapter of 100 to 240V AC overseas, a conversion plug adapter that is compatible with the voltage of your country of stay is required. Do not use a voltage converter for overseas travel to charge the battery.

Charging with desktop holder

- FOMA AC Adapter 01/02 is required to charge with the desktop holder.

1. **Turn the arrow side of the AC adapter connector up and insert it into the connector terminal of the desktop holder (1)**
   - Keep the connector parallel with the desktop holder and securely push all the way in until it clicks.

2. **Insert the AC adapter power plug into an outlet (2)**

3. **When placing the handset in the desktop holder, charging lamp illuminates and charging starts**
   - Place the handset in the direction of the arrow and make sure that a click is heard (3).
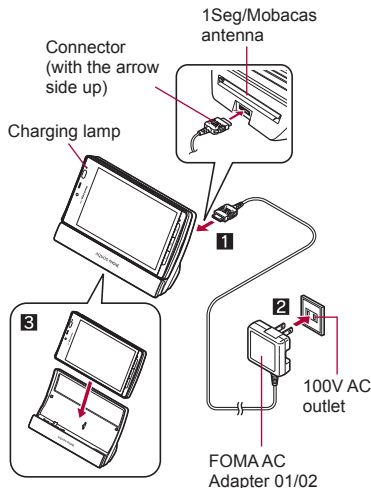
4. **Charging is complete when charging lamp turns off**
   - Hold the desktop holder and lift the handset.

- Pull the AC adapter out of the outlet if it is not used for a long time.
- When charging lamp does not illuminate, check that the handset is placed securely in the desktop holder.

- When placing the handset in the desktop holder, be careful not to catch a strap, etc.
- When you watch 1Seg/Mobacas, it is recommended to use the 1Seg/Mobacas antenna on the desktop holder to improve the reception sensitivity (☞P. 132).

Charging with AC adapter/DC adapter

[Read the user's guides of FOMA AC Adapter 01/02 (sold separately), FOMA DC Adapter 01/02 (sold separately), AC Adapter 03 (sold separately) and DC Adapter 03 (sold separately)]
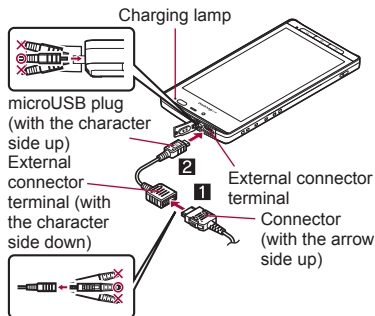
- Following operations describe how to charge with FOMA AC Adapter 01/02 or FOMA DC Adapter 01/02.

1 **Insert the AC or DC adapter connector horizontally into the external connector terminal of the FOMA charger micro USB adapter SH01 (■1)**
   - Check the direction (front or rear) of the connector, keep it parallel with the FOMA charger micro USB adapter SH01 and securely push all the way in until it clicks.

2 **Open the external connector terminal cover of the handset and insert the microUSB plug of the FOMA charger micro USB adapter SH01 horizontally into the external connector terminal (■2)**

- Check the direction (front or rear) of the microUSB plug and insert it horizontally.

Charging lamp

microUSB plug (with the character side up)

External connector terminal (with the character side down)

External connector terminal

Connector (with the arrow side up)

3 **When inserting the AC adapter power plug into an outlet or inserting the DC adapter power plug into a car cigarette lighter socket, charging lamp illuminates and charging starts**

100V AC outlet

Cigarette lighter socket
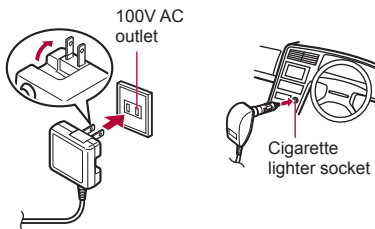
For AC adapter   For DC adapter

Before Using the Handset 35

4 When charging lamp turns off, charging is complete

- When charging is complete, remove the microUSB plug horizontally from the handset (1).
- When removing the connector from the FOMA charger micro USB adapter SH01, always hold the release buttons on both sides (2) and unplug it horizontally (3).

Release buttons
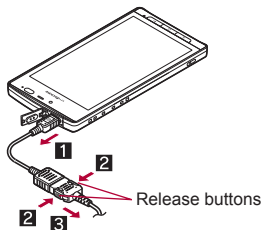
- Do not forcibly insert or remove. May cause damage to the external connector terminal, the microUSB plug and the connector.
- Pull the adapter out of the outlet or cigarette lighter socket if it will not be used for a long time.
- Do not forcibly pull the external connector terminal cover. May damage the cover.
- Do not place objects near the handset when charging. May damage the handset.

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 (2A) is a consumable. For replacement, purchase a new fuse at a local vehicle supply shop.
- Refer to the user's guide of FOMA DC Adapter 01/02 and DC Adapter 03 for details.

Charging with microUSB cable for PC

When the handset is turned on, you can charge the handset by connecting the handset to a PC with the microUSB cable for PC (sample).

- Install the USB driver to the PC in advance.
  ・ For details on installing USB driver, refer to "Manual for USB Driver Installation" in PDF format in the following site.
    http://k-tai.sharp.co.jp/support/d/sh-06d/download.html#usb_driver (in Japanese only)
- For details on connecting to a PC ☞P. 112

Turning power ON/OFF

Turning power ON

1 🔘 (for at least 2 seconds)

- When you turn the power on for the first time, the initial setting screen is displayed. Each setting item can also be set from menus (☞P. 40).
- If the initial setting screen for docomo service is displayed, operate by following the instructions on the screen.

Turning power OFF

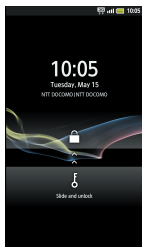### 1 🔘 (for at least 1 second) ▶ [Power off] ▶ [OK]

■ Sleep mode

The screen is off and the sleep mode is activated when θ is pressed or the handset is not in use for a set length of time.

Press θ in the sleep mode to deactivate the sleep mode.

■ Touch panel lock

When the power is turned on or the sleep mode is deactivated, the touch panel is locked.
Drag [δ] to [🔒] to unlock.

Key operation in touch panel unlock screen

- To set/disable the manner mode: 🔊 (for at least 1 second)
- To turn on the mobile light: 🔦 (for at least 1 second)
  - Press any of the keys or touch [δ] to turn it off.
- To turn off power: θ (for at least 2 seconds)

- If there is an unchecked missed call etc., an icon is displayed on the unlock screen. If you slide the icon upward before unlocking the touch panel, the corresponding screen is displayed.
- The mobile light will automatically turn off approximately 30 seconds after it turns on.

Basic operation

Operation of touch panel

You can operate by touching the touch panel (display) directly with your finger.

- Operations 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 press with 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 a fingernail
  - Operation with foreign objects placed on the operation pad
  - Operation on the touch panel on which a protective sheet or a sticker is put
  - Operation while the touch panel is wet
  - Operation with fingers wet with sweat or water

■ Touch

Touch a key or an item displayed on the screen to select or set it.

1 **Put your finger on the touch panel and put it off**

Touch for a while

When you touch the screen for a while, a menu may appear depending on the function and screen in use.

1 Keep your finger on the touch panel

Slide/Drag

Slide your finger up/down while a menu is displayed etc. to scroll the screen or slide (drag) an icon, widget, etc. to move it to the desired position while keeping touching it.
In addition, when you touch a menu or item by mistake, slide your finger away from the menu or item to cancel the selection.

1 Keep your finger on the touch panel and slide it

Flick

Flick your finger to the left/right in the home screen etc. to switch pages.

1 Move your finger like sweeping the touch panel

Pinch out/Pinch in

Pinch out/Pinch in while displaying an image etc. to zoom in/out.

1 Put two fingers on the touch panel and slide them with putting a distance between two fingers apart (pinch out)/closer (pinch in)
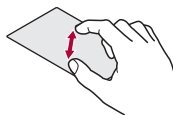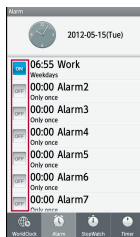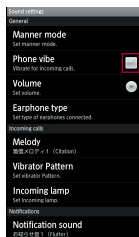
Operation while using function

Switching the settings

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

Example: Sound settings screen, Alarm screen

● [☑]: Enabled, [☐]: Disabled

◼ Retrieving menu

When you press ▭ or touch the screen for a while, functions (menus) available in that screen appear.

Example: Home screen

Set item list

◼ Vertical/Horizontal display

The screen display is switched when you tilt the handset.
- Vertical/Horizontal display is not switched if the handset is turned in the place parallel to the ground.
- The screen display may not be switched properly when a sound or a vibration is activated.
- Vertical/Horizontal display may not appear properly right after the screen or power is turned on.
- You can set the display not to automatically switch (☞P. 83).
- Screens may be displayed in the full screen depending on the application when switching the vertical display to the horizontal display.

◼ Shooting screenshot

Press ◖+▭ to save the screen being displayed to the microSD Card.
- The shutter sounds when shooting a screenshot.

- Data cannot be saved while displaying 1Seg, Mobacas, home network, e-books, etc. In addition, image part cannot be saved while playing video such as YouTube.
- Data may not be saved completely or partially depending on the application.

Searching information in the handset and sites

1 **In the home screen, [⊖] ▶ [Google Search]**
- Quick search box appears.

2 **Enter the keyword**

```
1        2     3
```

1 Subject-to-search selection
- Set the range for subjects to search.
  · Touch [⊙] to change the search object to display.

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

3 Switch to voice search

3 **Select the search result**
- When a search result is an application, the corresponding application is activated.

◼ Search settings

1 **In the quick search box, ▭ ▶ [Search settings]**

2 Select an item

- Google search: Set the Google search.
- Searchable items: Set the range for subjects to search.
- Clear shortcuts: Delete searched histories of the quick search box.

Changing screen display to English

1 **In the home screen, [⊖] ▶ [設定] (Settings) ▶ [言語とキーボード] (Language & keyboard) ▶ [言語 (Language)を選択] (Select language) ▶ [English]**

Initial setting

1 **In the home screen, [⊖] ▶ [Settings] ▶ [Default settings]**

2 **Set the date and time (☞P. 92) ▶ [Next]**

3 **Set the location information (☞P. 85) ▶ [Next]**

4 **Set the vivid display mode (☞P. 84) ▶ [Next]**

5 **Set Wi-Fi (☞P. 42)**

6 **Set a Google account (☞P. 44)**

7 **Set the profile (☞P. 80)**

8 **[Done]**

Setting access point

The access point (sp-mode and mopera U) for Internet connection is registered by default. You can add or change it if necessary. At the time of purchase, an access point of sp-mode is set for usual connection.

Checking access point in use

1 **In the home screen, [⊖] ▶ [Settings] ▶ [Wireless & networks] ▶ [Mobile networks] ▶ [Access Point Names]**

Setting additional access points

- Never set the MCC to other than 440 and the MNC to other than 10. They do not appear on the screen.

1 **In the home screen, [⊖] ▶ [Settings] ▶ [Wireless & networks] ▶ [Mobile networks] ▶ [Access Point Names] ▶ [≡] ▶ [New APN]**

2 **[Name] ▶ enter the name of the network profile to create ▶ [OK]**

3 **[APN] ▶ enter the access point name ▶ [OK]**

4 **Enter other items required by telecommunications carriers ▶ [≡] ▶ [Save]**

● If the settings of MCC and MNC are changed and they do not appear on the screen, reset the settings or set the access point manually.

Resetting an access point

Reset an access point to default setting.

1 In the home screen, [⊖] ▶ [Settings] ▶ [Wireless & networks] ▶ [Mobile networks] ▶ [Access Point Names] ▶ [≡] ▶ [Reset to default]

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

sp-mode

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

mopera U

mopera U is an ISP owned by NTT DOCOMO. If you subscribe to mopera U, you can use Internet with easy setting. mopera U is a paid service that requires subscription.

Setting mopera U

1 In the home screen, [⊖] ▶ [Settings] ▶ [Wireless & networks] ▶ [Mobile networks] ▶ [Access Point Names] ▶ [mopera U(スマートフォン定額)] (mopera U(Smartphone flat-rate))/[mopera U 設定] (mopera U settings)

● mopera U 設定 (mopera U settings) is an access point for mopera U settings. When you use the access point for setting mopera U, packet communication charges are not incurred. Note that you can connect to only the initial setting screen or the change setting screen. For details on mopera U settings, refer to the mopera U website.

● To use mopera U(スマートフォン定額) (mopera U(Smartphone flat-rate)), subscription to flat-rate packet communication services is required. For details on mopera U (Smartphone flat-rate), refer to DOCOMO website.

Wi-Fi settings

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

The 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 function is enabled. Wi-Fi connection is prioritized while Wi-Fi connection is set, but the connection will be automatically switched to that of 3G/GPRS network once Wi-Fi connection is terminated. Note that packet communication charges will be incurred in such cases.
● Refer to the manual of your wireless LAN base unit when using the access point at home.
● Operate access point registration near the access point.
● Enable Wi-Fi before setting.

1 In the home screen, [⊙] ▶ [Settings] ▶ [Wireless & networks] ▶ [Wi-Fi settings]

2 Select an item

■ Wi-Fi: Enable Wi-Fi function.
■ Network notification: You get notified by the notification icon when open network is detected.
■ Wi-Fi sleep policy: Set the timing to switch Wi-Fi function sleep.
■ Easy Wi-Fi registration: Register WPS-compatible access point.
■ Auto login settings: You can set the handset to log in docomo Wi-Fi automatically when you come within its service area.
■ Add Wi-Fi network: Register access points which are not compatible with WPS manually.
● Available access points are displayed as items in "Wi-Fi networks". To connect, select an access point to be used ▶ [Connect].
 ・ If you select an access point protected by security, enter the password (security key).

● When you select an access point and connect to it with a wrong password (security key), [Connected (Limited)] is displayed. Confirm the password (security key). When [Connected (Limited)] is displayed after entering the correct password (security key), you may not have acquired the correct IP address. Connect to the access point again after confirming signal status.

[Easy Wi-Fi registration]
● The registration process takes a few minutes. After completion of the registration of the access point, check that the proper connection to the access point is acquired.

[Auto login settings]
● Separate subscription is required to use docomo Wi-Fi.

- In some service areas, automatic login function may be unavailable.
- If you set Auto-login to [ON], the handset logs in automatically when coming within the service area. Note that high charges may be incurred if your subscription is Mzone daily plan and you set Auto-login to [ON].
- This function may become unavailable according to change of the log-in page contents of docomo Wi-Fi. In this case, log in via the browser.

[Add Wi-Fi network]
- This function supports WEP, WPA/WPA2 PSK, 802.1xEAP as the security setting.

Detailed settings

1. **In the home screen, [⊙] ▶ [Settings] ▶ [Wireless & networks] ▶ [Wi-Fi settings] ▶ [≡] ▶ [Advanced]**

2. **Select an item**
   - Use static IP: Specify a static IP address and set whether to connect to Wi-Fi network.
   - IP address: Set the IP address.
   - Gateway: Set the gateway.
   - Netmask: Set the network mask.
   - DNS 1: Set the DNS 1.
   - DNS 2: Set the DNS 2.

- You can confirm the MAC address and the IP address of the handset in Advanced.

Disconnecting

1. **In the home screen, [⊙] ▶ [Settings] ▶ [Wireless & networks] ▶ [Wi-Fi settings]**

2. **Select the connected access point ▶ [Forget]**
   - Disconnect with the password retained.

- When you terminated the connection with Wi-Fi function disabled, enable Wi-Fi function to connect automatically if the previously connected access point is available.

Wi-Fi tethering

Tethering function that connects Wi-Fi compatible devices to the Internet by using the handset as a Wi-Fi access point is available.
- You can connect to up to five Wi-Fi compatible devices simultaneously.
- This function is available inside the FOMA service area. However, this function may be interrupted depending on the conditions on communications or on network congestion.
- This function is not available when docomo mini UIM card is not inserted or in cases in which the FOMA service is canceled or stopped.

1. **In the home screen, [⊙] ▶ [Settings] ▶ [Wireless & networks] ▶ [Portable hotspot]**

2. **Select an item**
   - Portable Wi-Fi hotspot: Enable the Wi-Fi tethering.
     ・Check the details of the precautions before use.

- Portable Wi-Fi hotspot settings: Set the Wi-Fi tethering settings such as network SSID and security.
  - [Configure Wi-Fi hotspot] ▶ set each item ▶ [Save] to set Wi-Fi hotspot. Set security setting if necessary. The security setting supports WPA2 PSK.
- Help: Display Help information.

[Portable Wi-Fi hotspot settings]
- At the time of purchase, Network SSID is set to [SH-06D_AP] and Security is set to [WPA2 PSK] while Password is set randomly. Change the settings if necessary.

Setting up mail account

1. **In the home screen, [☺] ▶ [Email]**
   - Only when an account is not set, the account setting screen appears.

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

3. **Enter an account name and your name ▶ [Done]**

- The account which is registered first is automatically given priority to normal use. To change which account to prioritize while there are multiple accounts, enable [Default account] on the setting screen for the account on which you want to place priority.

- When the account type is Exchange, entering "¥UsernameDomain" in the "Domain¥Username" area is required to set a receiving mail server manually depending on the provider to use. Contact the administrator of the server for details.

Setting up Google account, etc.

1. **In the home screen, [☺] ▶ [Settings] ▶ [Accounts & sync] ▶ [Add account]**

2. **Select the account type**

3. **Set up an account**

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

Deleting your account

1. **In the home screen, [☺] ▶ [Settings] ▶ [Accounts & sync]**

2. **Select an account ▶ [Remove account] ▶ [Remove account]**

Retrieving your Google account password

If you forget your Google account password, retrieve it.

1. **In the home screen, [☺] ▶ [Browser]**

2 **Enter "http://www.google.com/" in the URL entry field** ▶ **[→]** ▶ **[more]** ▶ **[Sign In]** ▶ **[Can't access your account?]** ▶ **follow the instructions on the screen**

Screen display/icons

Viewing icons

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

● Two kinds of icons are displayed.

Notification icon	Notifies you of missed calls or new mails, etc.
Status icon	Displays the status of the handset such as the current time or the battery level.

Status bar

Notification icon

Status icon

Main notification icon list

● When the same type of notifications exists, the number of them is displayed on the notification icon.

📞: Missed call

💬: New SMS

📨: Notification of having finished receiving/playing messages

✉: New mail

✉: New Gmail

💬: New instant message

⚠: Error
● Appears when an error has occurred.

🕐: End the Alarm
● Appears when the alarm is terminated without an operation for ending the alarm.

📅: Schedule notification from the calendar

1Seg information
📺: 1Seg watching information
📺: 1Seg recording information

▶: Playing music

✎: USB debug connecting

Calling
📞(green): During dialing/incoming call/calling
📞(blue): During a call using Bluetooth device
📞: Putting a call on hold

🆙: Answering memo

🔟: Voice mail message

microSD Card
🔍: Scanning
📁: Unmount

📇: Space available less than approx. 10 % in the handset

Bluetooth

🕸: Receiving registration/Connection request from Bluetooth device

🕸: Receiving data request

USB connection

📡: USB connection (in Card reader mode connecting)

📡: Card reader mode

📡: Fast transfer mode

Data upload/download

📤: Uploading

📤: Finished uploading

📥: Downloading

📥: Finished downloading

📄: Finished installing application

Wi-Fi

📶: Open network

📶: Wi-Fi information notification

📶: Wi-Fi connection restriction

📡: Wi-Fi tethering enabled

🔗: VPN connected

📱: Application update available

📱: OS version upgrade available

Software update

⊙: Software update available

☑: Software update finished

⊕: Notification icon (not appeared)

Energy saving setting

🔋: Waza-ari mode

🔋: Emergency mode

Mobacas

📀: Finished storing contents

📀: Playing audio contents in the background

Main status icon list

🕐: Alarm set

Battery level

🔋 to 🔲: Approx. 100 to 5%

🔲: Approx. 0%

🔲: Unknown battery level

● While charging, the battery icon appears with [🔌] superimposed.

Signal strength

📶: Level 4

📶: Level 3

📶: Level 2

📶: Level 1

📶: Level 0

📶: Out of service area

● While international roaming, [R] appears on the upper left of the signal icon.

● Displayed in green when you set (synchronize) your Google account.

📶: Offline(airplane) mode set

3G data communication status

📶: 3G available

📶: Receiving 3G data

📶: Sending 3G data

📶: Sending and receiving 3G data

● Displayed in green when you set (synchronize) your Google account.

GSM data communication status

📶: GSM available

📶: Receiving GSM data

📶: Sending GSM data

📶: Sending and receiving GSM data

● Displayed in green when you set (synchronize) your Google account.

📵: docomo mini UIM card not inserted or docomo mini UIM card locked

: Osaifu-Keitai is locked

Character entry
- 🈐 : Hiragana-Kanji
- 🈑 : Full-width Katakana
- 🈔 : Half-width Katakana
- Ⓐ : Full-width alphabet
- 🆎 : Half-width alphabet
- 1️⃣ : Full-width numeric
- 12 : Half-width numeric
- 🈲 : Character code

Manner mode status
- ♥ : Standard manner
- 🚗 : Drive manner
- ◁✕ : Silent manner

◎ : During a call using speaker

🔇 : Mute is set

Wi-Fi signal strength
- 🛜 : Level 4
- 🛜 : Level 3
- 🛜 : Level 2
- 🛜 : Level 1
- 🛜 : Level 0
- ● Displayed in green when you set (synchronize) your Google account.

Bluetooth
- 🔵 : Connection stand-by
- 🔵 : Connecting

◈ : GPS positioning

◉ : Data synchronizing

Answering memo
🔲 : No answering memo when the answering memo is set

🔲 : One to nine answering memos when the answering memo is set

🔲 : Ten answering memos when the answering memo is set

Home network
- 🔲 : Suspending
- 🔲 (green): Preparing
- 🔲 (blue): Running

Mobacas signal strength
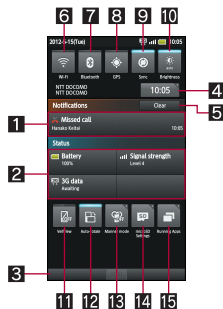- 🔊 : Level 4
- 🔊 : Level 3
- 🔊 : Level 2
- 🔊 : Level 1
- 🔇 : Out of service area

Using the status panel

1 Touch the status bar
- Alternatively, drag the status bar down.

2 Use the status panel

1 Details of notification icon
- When there is a corresponding application, touch the detailed information to activate the application.

2 Details of status icon
- When there is a corresponding application, touch the detailed information to activate the application.

3 Close bar
- Touch or drag it up to close the status panel.

4 Clock
- Touch it to activate the "Clock" application.

5 Clear
- Delete notification icons and details of notification icons.

6 Use Wi-Fi function
- Switch enabling/disabling of the Wi-Fi function.

7 Use Bluetooth function
- Switch enabling/disabling of the Bluetooth function.

8 Use GPS function
- Switch enabling/disabling of the GPS function.

9 Auto-synch settings
- Switch enabling/disabling of the automatic synchronization.

10 Screen brightness settings
- Set the brightness of the screen.

11 VeilView
- Set VeilView.

12 Auto-rotate
- Set whether to switch the screen to horizontal/vertical display when rotating the handset 90° to the left/right.

13 Manner mode
- Set the manner mode.

14 microSD Settings
- You can check the available space on the microSD Card and manage back up.

15 Running Apps
- Display functions being activated as a list.
- For operations of functions being activated (Multitask) ☞P. 48

Multi Assistant (Multitask)

If you cancel the use of function by pressing 🔲 etc., the function does not end and remains activated in background.
Display running functions as a list and switch functions to use by using Multi Assistant (Multitask).

1 Touch the status bar ▶ [🗗]
- Alternatively, 🔲 (for at least 1 second).

2 Select a function to use

1 Quit all
- End all the running functions.

2 Quit selected
- End a selected function.

- The functions being activated in background may end depending on the memory usage or application. Also, the display of running function on the Multi Assistant (Multitask) screen may change depending on the memory usage.

Character entry

Keyboard layouts

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

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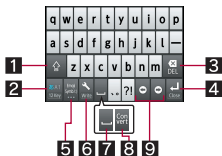
QWERTY keyboard
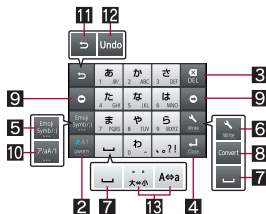
12 keyboard

※ Each key appears depending on the settings and the condition.

1 Shift key
● Touch to switch between upper/lower case letters etc.
・When [🔁] is displayed, lower case letters are entered. When [🔼] is displayed, the first letter to be entered becomes upper case one. When [🔼] is displayed, upper case letters are entered.
・Symbols that can be entered change when you switch the upper/lower case letters.

2 Input mode switching key
● Touch to switch input modes.
・Touch it to switch input modes in the order of Hiragana-Kanji → Half-width alphabet → Half-width numeric. The keyboard set in each input mode is displayed.
・Alternatively, slide the input mode switching key to the right to switch input modes.
● Touch it for a while to switch keyboards.

3 Delete key
● Use to delete a character on the left side of the cursor. When the cursor is on the beginning, delete a character on the right side of the cursor. When the cursor is on a character, delete the character.

4 Enter key
● Insert a line break.
● Confirm the entered characters.
● Execute operations entered in an entry field such as the search box.
● Move to the next entry field.

5 Symbol key
● Use to display the pictogram/Deco-mail pictogram/symbol/emoticon list.
・You cannot enter these symbols in some applications.

6 Setting key
- Display setting menu.
- Touch it for a while to enter by handwriting.

7 Space key
- Enter half-width space.

8 Normal conversion key
- Execute the normal conversion of the input characters.

9 Cursor key
- Use to move the cursor or to change the range of characters to be converted.

10 Katakana and alphanumeric key
- Display katakana of the entered characters or normal conversion candidates of alphanumerics or symbols assigned to a touched key.

11 Reverse toggle key
- Use to display characters assigned to the same key in the inverse order.

12 Undo key
- Use to undo previous operation.

13 Character switching key
- Touch to switch the upper/lower case letters.
- Touch to add dakuten/handakuten.

Switching keyboards

Example: In Hiragana-Kanji entry mode on vertical display

1 **In the character entry screen, [🔧] ▶ [Change input UI] ▶ [Set QWERTY keyboard [Kanji] [Portrait]]/[Set 12 keyboard [Kanji] [Portrait]]**

Setting character entry

Display/Layout settings

1 **In the character entry screen, [🔧] ▶ [Change settings] ▶ [Display/Layout settings]**

2 **Select an item**
- ■ Key input guide: Set whether to zoom in the selected key and to display the guide of flick input.
- ■ Keyboard image: Set the design of the keyboard.
- ■ Key size / Lines of candidates: Set the keyboard size and the number of lines of the conversion candidates field for the portrait display.
- ■ Emoji/Symbol list rows: Set the number of lines of pictograms list/symbols list.

Input assistance settings

1 **In the character entry screen, [🔧] ▶ [Change settings] ▶ [Input assistance settings]**

2 **Select an item**
- ■ Sound on key press: Set whether to enable operation sounds of entering characters.
- ■ Vibrate on key press: Set whether to activate the vibrator when entering characters.
- ■ Flick input: Set whether to use flick input when entering with the 12 keyboard.
- ■ Flick sensitivity: Set the sensitivity of the keyboard when selecting characters with flick input.
- ■ Toggle input: Set whether to enable the toggle input while flick input is enabled.

- **Romaji input assistance**: Set to prevent unnecessary keys from being touched when entering Japanese with romaji.
- **Auto cursor move**: Set the speed for the cursor to automatically move to the right edge after entering characters.
- **Auto space insert**: Insert a half-width space automatically after selecting an English word by alphabet entry.
- **Voice input**: Set whether to enable the voice input function.

Conversion settings

1 **In the character entry screen, [🔧] ▶ [Change settings] ▶ [Conversion settings]**

2 **Select an item**
- **Word prediction**: Set whether to use the predictive conversion.
- **Wildcard prediction**: Set whether to use the Wildcard prediction.
- **Typing error correction**: Set whether to display the key for showing predictive conversion by correcting entry mistakes.
- **Next word guess**: Display relational predictive conversion candidates immediately after an entry is determined.
- **Extra conversion engine**: Display conversion candidates by using an external conversion engine.
- **Auto capitalization**: In alphabet entry, enter an initial character at the head of a text with upper case one.

Dictionary settings

1 **In the character entry screen, [🔧] ▶ [Change settings] ▶ [Dictionary settings]**

2 **Select an item**
- **Japanese user dictionary**: Edit words in the Japanese user dictionary.
- **English user dictionary**: Edit words in the English user dictionary.
- **Download dictionary**: Register/Cancel/Delete downloaded dictionaries.
- **Contacts name collaboration**: Add/Reset name data of the phonebook in the dictionary.

Handwriting input settings

1 **In the character entry screen, [🔧] ▶ [Change settings] ▶ [Handwriting input settings]**

2 **Select an item**
- **Working language**: Switch languages to be recognized.
- **Ink thickness**: Set the thickness of ink.
- **Ink sliding speed**: Set the speed of sliding characters.
- **Writepad auto-clear**: Set whether to automatically delete written characters.
- **Writepad auto-clear speed**: Set the speed of automatically deleting written characters.
- **About Stylus Mobile Lib**: Check the version of the settings for the handwriting input.
- **Legal information**: Check trademarks or contract clauses of the settings for the handwriting input.

Reset

1 **In the character entry screen, [🔧] ▶ [Change settings] ▶ [Reset]**

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

Entering characters

Example: When entering "文字"

1 **In the character entry screen, enter "もじ"**

1 Enlarge/Reduce
- Enlarge/Reduce the predictive conversion candidates field.

2 Predictive conversion candidates field
- Predictive conversion candidates are displayed. Touch one of them to enter.

- If Typing error correction is enabled, [Correct] may be displayed depending on the entered texts. Touch it to display a predictive conversion candidate corrected of input errors.
- If you set an external conversion engine, [Extra conv] is displayed. Touch it to display conversion candidates searched by the external conversion engine.

2 **[Convert]**

3 **In the conversion candidates field, select "文字"**
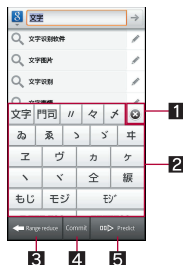
1 Close
- Close the normal conversion candidates field.

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

3 Range reduce
- You can reduce the range of characters to convert.

❹ Commit
● Determine the conversion.

❺ Predict
● Close the normal conversion candidates field.
● When the range of characters to convert is reduced, [Range expand] is displayed. Touch it to enlarge the range of characters to convert.

▌ Wildcard prediction

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

● Enable Wildcard prediction in advance (☞P. 51).
● This function is available in the Hiragana-Kanji entry mode and the half-width alphabet entry mode.

Example: When entering "アナウンス"

1 In the character entry screen, enter "あな"

2 [➡] ▶ [➡] ▶ [➡]
● Each time you touch [➡], [✻] is entered and the predictive conversion candidates appear according to the number of characters.

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

▌ Inputting kuten codes

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

1 In the character entry screen, [🔧] ▶ [Change input mode] ▶ [Character Code]

2 Input a kuten code
● After the fourth digit is entered, the corresponding character appears.
● After the fourth digit is entered, the entry mode is switched to the previous entry mode.

▌ Inputting with voice

You can enter characters with voice.
● Enable Voice input in advance (☞P. 50).

1 In the character entry screen, [🔧] ▶ [Change input UI] ▶ [Set Voice Input] ▶ [OK]

2 Speak to the mouthpiece

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

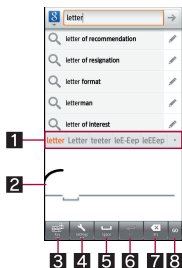### ■ Entering by handwriting

You can enter characters by handwriting.

1 **In the character entry screen, [✎] ▶ [Change input UI] ▶ [Set Handwriting Input] ▶ [OK]**

2 **Enter characters or symbols in the character entry area by handwriting**

- To enter a displayed conversion candidate: Touch the conversion candidate

1 **Entry candidates field**

2 **Entry area**

3 **Switch to keyboard**

4 **Setting key**
- Switch recognition modes, set the handwriting entry, etc.

5 **Space key**

6 **Line feed key**

7 **Delete key**

8 **Execute key**
- It is not displayed in some applications.

- When entering characters by handwriting, enter slowly and legibly.

■ Editing texts

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

1 **Touch the character entry field for a while**

- You can also perform range selection/pasting/all selection by touching the character entry field.

2 **Select a function to use**

- **Select word (Copy etc.):** Move the slider to specify the selection range of the entered characters and cut/copy/paste them.
- **Select all:** Select all the entered characters and cut/copy/paste them.
- **Paste:** Paste the selected characters.
- **Input method:** Switch input software.
- **Add "xxx" to dictionary:** Add the entered characters to the dictionary.
  - The entered characters are displayed in "xxx".

[Input method]

- You can switch Android keyboard and iWnn IME - SH edition by default. When you enter Japanese, set the keyboard to iWnn IME - SH edition.

docomo Palette UI

Home screen

Viewing home screen

The home screen appears when the power is turned on. You can paste widgets or activate applications by selecting shortcuts or the quick menu.

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1 Indicator
- Indicates the displayed page with [● (red)].
- Indicates the main page with [● (black)].
- Indicates the personal area with [□].

2 Machi-chara

3 Shortcut
- Quickly activate a frequently used application.

4 Display application screen
- Displays an application screen.

5 Widget
- Use simple functions such as a calendar, music player or pedometer.
- Use a web page widget to quickly access to a frequently used site.
- Supports Android standard widgets.

6 Folder
- When a folder is added, you can display the data in the folder quickly and store shortcuts into the folder.

7 Quick menu
- Set a shortcut to quickly activate an application from any page of the home screen.
- It is not displayed in the personal area.

- You can display the home screen list by pinching in on the home screen.

Managing home screen

Adding shortcuts etc.

You can paste shortcuts, widgets, etc. on the home screen.

1 In the home screen, ≡ ▶ [Add]

2 Select an item to add
- Shortcut: Add a shortcut to an application.
- Widget: Add a widget.
- Folder: Add a folder.
- Kisekae: For details ☞P. 56
- Wallpaper: For details ☞P. 56
- Group: Add a shortcut to a group.

- Widgets saved to a microSD Card may not be pasted.

Setting quick menu

You can set shortcuts in the quick menu.
● You can set up to three shortcuts in the quick menu.

1 **In the home screen, touch a shortcut for a while**

2 **Drag it to the quick menu**

Moving shortcut etc.

1 **In the home screen, touch a shortcut etc. for a while**

2 **Drag it to the destination**
   • If you drag it to the end of the page, the previous/next page is displayed and you can move to the previous/next page.

Deleting shortcut etc.

1 **In the home screen, touch a shortcut etc. for a while**

2 **[Delete]**
   • Alternatively, drag it to [🗑].

Uninstalling shortcut or widget

1 **In the home screen, touch a shortcut/widget for a while**

2 **[Uninstall]▶[OK]**

Renaming folder

1 **In the home screen, touch a folder for a while**
   • Alternatively, select a folder and touch the folder name for a while on the home screen to rename it.

2 **[Edit name]**

3 **Enter a folder name▶[OK]**

Changing kisekae

1 **In the home screen, [≡]▶[Add]▶ [Kisekae]**

2 **Select kisekae▶[Set]**

Changing wallpapers

1 **In the home screen, [≡]▶[Add]▶ [Wallpaper]**

2 **Select data▶[Set wallpaper]/[Set to wallpaper]**
   • For [Contents manager] or [Gallery], select the parts to cut and select [Save].

Managing pages

Adding pages
● You can add a maximum of 12 pages.

1 **In the home screen, pinch in▶[+]**

Sorting pages

1 **In the home screen, pinch in▶ touch a thumbnail for a while**

2 **Drag it to the destination**

Deleting pages

1 **In the home screen, pinch in▶ touch a thumbnail for a while**

2 [Delete]

• Alternatively, drag the page to [🗑].

Application screen

Application screen layout

Loaded applications are displayed as icons in the application screen by group. Select an icon to activate an application.

• If you install a new application, an icon is added to the application screen.
• If you uninstall an application, its icon is deleted.

1 Group name

2 Application icon

• [📲] appears on newly installed applications and updated applications.

3 Number of applications

• Touch a group to display/hide application icons in the group. Also, you can display/hide application icons in all groups collectively by pinching out/in on the application screen.

Application list

Applications are classified into groups by their function or type.

• A separate paid subscription will be required for using some applications.

docomo service

Icon	Application	Description
d	dmenu[*1]	A shortcut application to "dmenu" which enables you to easily search enjoyable and convenient contents exclusively dedicated to Smartphone as well as the contents used in i-mode.
d	dmarket[*1]	An application to activate dmarket. In dmarket, you can purchase contents such as music, movies and books. Also, it introduces applications provided on the Android Market.
iチャネル	iチャネル (i-Channel)[*1]	An application to use i-Channel.
Machi-chara	Machi-chara	An application to display mascots on the handset screen. Those mascots move on widgets and inform you of information such as new mails and incoming calls.
docomo backup	docomo backup	An application to back up or restore data such as phonebook.

Basic function

Icon	Application	Description
	Phone	Use Phone (☞P. 64).
	Phonebook	Use Phonebook (☞P. 68).
	Address Book	Register data to the phonebook or make calls and create/send mails by using the registered data on the phonebook. Also, you can check the history of messages in Twitter, mixi, etc. exchanged with your parties selected from the phonebook as well as still pictures and moving pictures.
	PhoneBookCopy[*1]	An application to move and copy the phonebook data by using external memory devices such as microSD Card (☞P. 71).
	声の宅配便 (Koe-no-Taku haibin)[*1, 2]	An application to use "Koe-no-Takuhaibin" in Smartphone easily and conveniently. You can record and play voice messages with simple operations (☞P. 77).

Icon	Application	Description
	spモードメール (sp-mode mail)[*1, 2]	Send and receive mail using mail address of DOCOMO (@docomo.ne.jp). Pictograms and Deco-mail are available. Automatic reception is also supported (☞P. 93).
	Email	Use Email (☞P. 95).
	Gmail	Use Gmail (☞P. 98).
	Area Mail	An application to receive the early warning "Area Mail" and check the received area mails (☞P. 101).
	Messaging	Use SMS (☞P. 93).
	Talk	Use Google Talk (☞P. 130).
	Anshin Scan[*1, 2]	An application to protect Smartphone against damages from viruses. This application detects viruses which lurk in installed applications, microSD Card, etc.
	災害用キット (Disaster kit)[*1]	An application to register and check messages in the Disaster Message Board.

Icon	Application	Description
	Instruction Manual[*1, 2]	Instruction manual for the handset. You can also activate the functions that you want to use directly from the explanations on the manual.
	Browser	Display a website using packet communication or Wi-Fi function (☞P. 102).
	Google Search	Use quick search box (☞P. 39).
	Voice Search	Search information of sites by voice (☞P. 39).
	Downloads	Manage data such as images downloaded from sites.
	Market	Use Android Market (☞P. 126).

Entertainment

Icon	Application	Description
	NOTTV	Watch Mobacas. You can enjoy programs and contents of broadcast stations such as "NOTTV" (☞P. 139).
	Book Store MyShelf[*2]	An application to browse e-books purchased in dmarket Bookstore.

Icon	Application	Description
	BOOKストア 2Dfacto (Bookstore 2Dfacto)[*1, 2]	An electronic bookstore to purchase and read full e-books in a wide variety of genres such as literary books, popular comics and hot business book.
	Media Player	An application to play music and movies.
	BeeTV[*1, 2]	BeeTV is a broadcast station for mobile phone. You can watch original dramas, music, variety shows, etc.
	Videos	Rent movies or play recorded videos.
	YouTube	Use YouTube (☞P. 141).
	Gガイド番組表 (G-Guide program guide)[*1]	An application to read terrestrial or BS broadcasting program guide. You can search program by keyword or genre, make watching reservations/recording reservations on 1Seg and record programs remotely while you are not at home.
	One Seg	Watch 1Seg (☞P. 134).

Icon	Application	Description
	Twitter[2]	An official client application of Twitter. You can communicate with other people by sharing short messages on sites.
	Google+	Use Google+ (Stream, Photos, Circles, Messenger, Profile, etc.).
	Messenger	Enjoy Group Chat in the Google+ circle.
	Smart Familink	Use this application by connecting the handset and the home network function compatible TV "AQUOS" via Wi-Fi function (☞P. 149).
	Picture (3D-capable)	Sort images and moving pictures by people, event and location and use them (☞P. 123).
	Built-in 3D[1]	Play 3D movies pre-installed in the handset.

Convenient tool

Icon	Application	Description
	Camera	Activate the camera (☞P. 116).
	Memo	An application to create and manage notes (☞P. 147).
	Schedule	An application to create and manage schedules (☞P. 146).

Icon	Application	Description
	Calendar	Manage the schedule.
	地図アプリ (Map appli)[1, 2]	Supports your travel via functions such as maps, searching shops and facilities, navigation, changing public transportations and visited towns (☞P. 130).
	Maps	You can measure your present location, use the navigation function to check how to get to your destination in detail, etc. (☞P. 128)
	Navigation	You can search for a route from the present location to the destination (☞P. 129).
	Places	You can search for facilities near your present location according to genre (☞P. 129).
	Latitude	You can share present locations with your friends on the map and share status messages (☞P. 130).

Icon	Application	Description
	Evernote[*1, 2]	Save various information such as contents of web site, pictures you shot or note of ideas in the server and to retrieve/view them when you need them. You can save and view the information not only from the handset but from a PC or other devices.
	Name card creator	An application to create original business cards to be displayed in your profile field inside the "Phonebook" (🖾) application.
	Send and Receive by Infrared	An application to send and receive data such as the phonebook by infrared communication (☞P. 106).
	Calculator	Use a calculator (☞P. 147).
	Clock	Use WorldClock (☞P. 144), Alarm (☞P. 144), StopWatch (☞P. 145) and Timer (☞P. 146).

Icon	Application	Description
	Camera Reader	Use Barcode reader (☞P. 120), Business card reader (☞P. 120), Kanji/English Grabber (☞P. 121), Text reader (☞P. 122) and Information reader (☞P. 122).
	MediaJet	Synchronize music data/moving pictures/still pictures etc. between the handset and PCs (☞P. 113).
	Adobe Reader	Displays PDF files.
	Contents Manager	Manage data stored to the microSD Card (☞P. 105).
	maker appli[*1]	Connect to SHARP website.

Osaifu-Keitai/Shopping

Icon	Application	Description
	Osaifu-Keitai	Use Osaifu-Keitai (☞P. 142).
	iD設定アプリ (iD setting appli)[*1]	An application to perform the settings for using electronic money iD (☞P. 149).
	ToruCa[*1, 2]	Acquire, displays, search, update ToruCa, etc. (☞P. 143)

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Setting

Icon	Application	Description
	Settings	Set various settings of the handset. ● The same operation can be performed as in the home screen, ⌒ ▶ [Settings].
	AUTO-GPS	An application to use the automatic GPS compatible service that informs you of information on weather, surroundings of shops etc., sightseeing, etc. according to your present location.
	docomo location information	An application to provide you with location information via imadoco search, imadoco kantan search, Keitai-Osagashi Service and location notification at the time of an emergency call. In addition, you can change the various settings and access the setting site/service site.

*1 This is provided in Japanese.
*2 When you use this application for the first time, you need to download it. Packet communication charge is incurred separately for downloading applications.

Managing applications

Adding to the home screen

1 In the home screen, [⊖] ▶ touch an application icon for a while

2 [Add]

Uninstalling application

1 In the home screen, [⊖] ▶ touch an application icon for a while

2 [Uninstall] ▶ [OK]

Moving application

1 In the home screen, [⊖] ▶ touch an application icon for a while

2 [Move] ▶ select a group
• Alternatively, drag the application icon to the destination.

Managing groups

Adding groups

● You can add a maximum of 50 groups.

1 In the home screen, [⊖] ▶ ⌒ ▶ [Add group]

2 Enter a group name ▶ [OK]

Sorting groups

1 In the home screen, [⊖] ▶ touch a group for a while

2 Drag it to the destination

Editing title of groups

1 In the home screen, [⊖] ▶ touch a group for a while

2 [Edit name] ▶ enter a group name ▶ [OK]

Changing group color

1 In the home screen, [⊖] ▶ touch a group for a while

2 [Edit label] ▶ select a color

Adding to the home screen

1 In the home screen, [⊖] ▶ touch a group for a while

2 [Add]

Deleting groups

1 In the home screen, [⊖] ▶ touch a group for a while

2 [Delete] ▶ [OK]

Searching applications

1 In the home screen, [⊖] ▶ ☰ ▶ [Search]

2 Select a subject to search ▶ [Apps]
- For the way to view the search screen ☞P. 39

3 Enter a keyword

4 Select the search result
- Activate the application.

Switching displays of the application screen

1 In the home screen, [⊖] ▶ ☰ ▶ [List format]/[Tile format]

Information on home applications

Information on applications

1 In the home screen, ☰ ▶ [More] ▶ [Application info]

Setting of home applications

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

2 Select an item
- Personal area: Set whether to display the personal area.
- Wallpaper loop: Set whether to loop wallpapers.
- Sync function: Set whether to automatically communicate when updating the information on the personal area.
- International roaming: Set whether to automatically communicate during international roaming.

Call/Network Services

Making a call

1 **In the home screen, [☺] ▶ [Phone] ▶ [Dial]**

2 **Enter a phone number**
   - Always dial the area code, even when it is a local number.
   - You can set to notify/not to notify the other party of your phone number for each call by adding "186"/"184" to the head of the phone number.
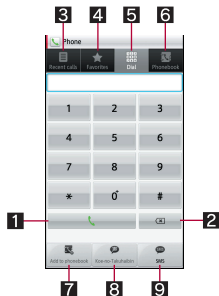
1 Call
   - Make a call. Also, if there is an outgoing history, touch to enter the latest outgoing history when the phone number has not been entered.

2 Delete
   - Delete an entered number.

3 Outgoing/Incoming history

4 Favorites
   - Display the phonebook set to [Favorites] by groups.

5 Dial
   - Display the dial screen.

6 Phonebook

7 Add to phonebook

8 Koe-no-Takuhaibin
   - For details of Koe-no-Takuhaibin, refer to P. 77 "Koe-no-Takuhaibin" and the DOCOMO website.

9 SMS

3 **[↘]**

4 **[End] to end the call**

Entering touch-tone signals

1 **In the home screen, [☺] ▶ [Phone] ▶ [Dial]**

2 **Enter a phone number ▶ [＊] (for at least 1 second)**

3 **Enter a number to send ▶ [↘]**

4 **[Send] during the call**

Emergency call

Emergency calls	Phone number
Emergency call to police	110
Emergency call to fire station/medical assistance	119
Emergency call at sea	118

- The handset supports "Location notification of emergency call".
  When dialing an emergency number such as 110, 119, and 118, the information of your location (location information) is automatically notified to the agency that received the emergency call (e.g. the police station). Depending on your location and the reception status of the signal, the agency that 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 received the emergency call considers your location information and phone number necessary for important purposes, such as life saving, the agency can retrieve them regardless of your settings.
  In addition, the area/timing to introduce "Location notification of emergency call" depends on the state of preparation in each agency that receives emergency calls.
- In Japan, you cannot call to the emergency number (110, 119 or 118) from the PIN code entry screen and PUK (PIN Unlock Key) entry screen, with a docomo mini UIM card locked.

- 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 location. Remain stationary to ensure that you are not disconnected while making an emergency call, and keep handset turned on to receive calls for approximately 10 minutes afterwards.
- Depending on the region, calls to the police or fire station may not be connected.

International call (WORLD CALL)

WORLD CALL is an international calling service available from DOCOMO handset in Japan. WORLD CALL is registered when FOMA services are registered (excluding users who did not apply for WORLD CALL).

- You can call to about 240 countries and regions worldwide. Calling to a fixed-phone and mobile phone overseas is available.
- For information on available countries and telecommunications carriers, refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO International Services website.
- WORLD CALL charges are billed with the monthly FOMA service charges.
- Commission and monthly usage fees are free.
- Contact "General Inquiries" on the back of this manual for details on WORLD CALL.
- To make an international call through a company other than DOCOMO, contact the representative companies for instructions.

● The caller ID may not be notified or displayed correctly depending on some overseas telecommunications carriers. In this case, making a call with incoming call history is not available.

[Calling Method]
● When calling to a fixed-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 phone number ▶ [℄]
・ For the other parties' phone numbers and area codes (city codes) that begin with "0", omit the "0" when entering (except some countries or regions such as Italy).
・ Alternatively, enter "009130-010" as usual or "+" instead of "010".

Receiving a call

1 **When a call is received, the ring tone sounds and the incoming lamp flashes**

• If you press ⌂/⌐ during an incoming call, you can stop the ring tone, vibrator or flash of the incoming lamp.

Incoming lamp
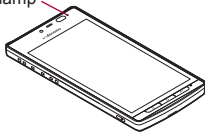
2 **Receive a call**

• When [Activate] is displayed, operate after touching [Activate].
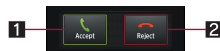
1 Accept
● You can receive a call.
2 Reject
● You can reject an incoming call.

3 **[End] to end the call**

Answering by answering memo
1 **When a call is received, the ring tone sounds and the incoming lamp flashes**
2 **[≣] ▶ [Absence Memo]**

Playing an answering memo
1 **In the home screen, [☺] ▶ [Settings] ▶ [Call settings]**
2 **[Call/Ans Memo] ▶ [Voice Memo List] ▶ select an answering memo**

Placing a call on hold
1 **When a call is received, the ring tone sounds and the incoming lamp flashes**
2 **[≣] ▶ [On hold]**

Operation during a call

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

1 Add call
● Place a current call on hold and make a call to another party.

2 End
● End a call.

3 Dialpad
● You can enter touch-tone signals.

4 Bluetooth
● Switch to a call which uses a Bluetooth device.

5 Mute
● Enable or disable mute setting on a current call.

6 Speaker
● You can talk with hands-free.

● Note the following when using hands-free.
・ Speak approximately 20 to 40 cm away from the mouthpiece. When the surroundings are noisy, the sound may break up and the call may not be satisfactory.
・ When calling outdoors, in a location where surroundings are noisy and where the sound echoes loudly, use the earphone/microphone.
・ If the sound breaks up during a hands-free call, lower the in-call volume.

Adjusting the in-call volume
1 / during a call

Outgoing/Incoming call history

The handset keeps a record of the 50 most recent phone numbers in each history.

1 In the home screen, [ ] ▶ [Phone] ▶ [Recent calls] ▶ [Outgoing history]/[Incoming history]

2 Select a history
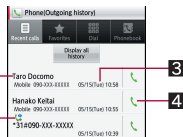
Outgoing history list
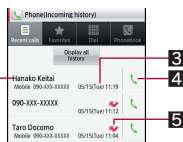
Incoming history list

1 The other party's name/phone number
2 Outgoing call status icon

📞	Calls with the notification
📞	Calls without the notification

● Appears if you add "186"/"184" to the head of the phone number or if, in the dial screen, enter the phone number and ▶ [Caller ID notification] ▶ [Notify]/[Not notify] to/not to notify the caller ID.

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c **Called/Received date and time**

d **Call icon**
  ● Touch to make a call.

e **Missed Call**

3 [Call]

● To create and send SMS: [Send SMS] ▶ create and send SMS
● To record with Koe-no-Takuhaibin: [Record Koe-no-Takuhaibin]
● To register to the phonebook: [Add to phonebook] ▶ set each item ▶ [Save]

Deleting outgoing/incoming call history

▋ Deleting all entries

1 **In the outgoing call history screen/ incoming call history screen, ☰ ▶ [Delete all] ▶ [OK]**

▋ Deleting one entry

1 **In the outgoing call history screen/ incoming call history screen, touch a history for a while ▶ [Remove from call log] ▶ [OK]**

Phonebook

Adding entries to phonebook

1 **In the home screen, [☺] ▶ [Phonebook] (🖩) ▶ [Register]**

2 **Select the account to register**

3 Set each item

● Information which can be saved differs depending on the account type.
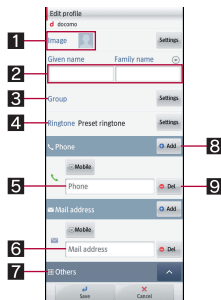
a **Image**
  ● Register an image to display when making and receiving a call or checking the phonebook.

b **Given name, family name**

c **Group**

d **Ringtone**

e **Phone**

f **Mail address**

g **Others**
  ● Register other information.

h **Add**
  ● Add the phone number/mail address etc. to register.

i **Del**
  ● Delete the phone number/mail address etc.

4 [Save]

Checking/Using phonebook

You can retrieve phone numbers from the phonebook to make calls and send mail.

1 In the home screen, [🕘] ▶ [Phonebook] (📇)

2 Select a name

- When you touch the right edge of the screen, the index appears. Touch the index to move to the selected heading.

1 Image
- Touch to select and use the application supporting the registered contents of the phonebook.

2 Registered contents
- Display the registered contents as icons.

3 Phonebook

4 Communication
- Display the history of the call, mail, etc.

5 My profile

6 Groups
- Select the group to display.

7 Register

8 Search

3 Check/Use registered information
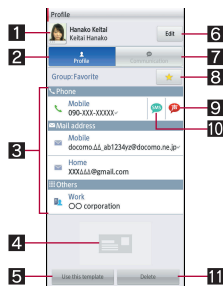
1 Image

2 Profile
- Display the registered contents.

3 Registered contents
- Check or use the registered contents.

4 Business card
- Register the business card received by exchanging business cards to display.

5 Use this template
- Create your business card by using the registered business card as a template.

6 Edit

7 Communication
- Display the history of the call, mail, etc.

8 Favorite
- Register to favorite.

9 Koe-no-Takuhaibin
- For details of Koe-no-Takuhaibin, refer to P. 77 "Koe-no-Takuhaibin" and the DOCOMO website.

10 SMS

11 Delete
- Delete a registered business card.

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Deleting phonebook

Deleting all entries

1. **In the home screen, [⊕] ▶ [Phonebook] (☒)**

2. **⟨≡⟩ ▶ [Delete] ▶ [Select all] ▶ [Delete] ▶ [OK]**

Deleting one entry

1. **In the home screen, [⊕] ▶ [Phonebook] (☒)**

2. **Touch the name for a while ▶ [Delete] ▶ [OK]**

Editing phonebook

1. **In the home screen, [⊕] ▶ [Phonebook] (☒)**

2. **Select the name ▶ [Edit]**

3. **Set each item ▶ [Save]**
   - For details of each item that can be set ☞P. 68

My profile

1. **In the home screen, [⊕] ▶ [Phonebook] (☒) ▶ [My profile]**

2. **Check/Use the profile**
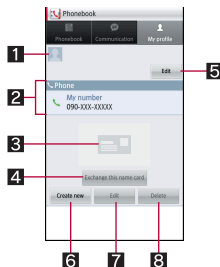
1 **Image**
2 **Registered contents**
3 **Business card**
4 **Exchange this name card**
   - Exchange the registered business cards.
5 **Edit**
6 **Create new**
   - Create a business card.
7 **Edit**
8 **Delete**

Importing from docomo mini UIM card

1 In the home screen, [☺]▸ [Phonebook] (🖎)

2 [≡]▸ [Others]▸ [Import/Export]▸ [Import from SIM card]

3 Select the account of the registering destination

4 Select the contact information to import

• To import all the contact information: [≡]▸ [Import all]

Using PhoneBookCopy

You can copy phonebook data to/from other handsets using microSD Card. Also, you can copy phonebook data stored in Google account to docomo account.

1 In the home screen, [☺]▸ [PhoneBookCopy]

• When you use this for the first time, you must agree with "使用許諾契約書" (License agreement).

Exporting phonebook to microSD Card

● Insert microSD Card in advance.

1 In the PhoneBookCopy screen, [エクスポート] (Export)▸ [開始] (Start)▸ [OK]

• Phonebook data stored in docomo account are saved to microSD Card.

Importing phonebook from microSD Card

● Insert microSD Card with phonebook data in advance.

1 In the PhoneBookCopy screen, [インポート] (Import)

2 Select a phonebook to import▸ [上書き] (Overwrite)/[追加] (Add)▸ [OK]

• Imported phonebook data are saved in docomo account.

Copying contact information stored in Google account to docomo account

1 In the PhoneBookCopy screen, [docomoアカウントへコピー] (Copy to docomo account)

2 Select a Google account to copy▸ [上書き] (Overwrite)/[追加] (Add)▸ [OK]

• Copied phonebook data are saved in docomo account.
• You can copy phonebook data stored in the main body to docomo account in the same way as Google account.

- When phonebook item names (phone number etc.) stored in other handsets are different from those of this handset, the item names may be changed or deleted. Also, the characters that can be registered in contact information are different in each handset, so they may be deleted in copy destination.
- If you use phonebooks created (exported) through PhoneBookCopy in other than PhoneBookCopy, they may not be properly displayed.
- When you export phonebook to microSD Card, you cannot copy phonebook data without name.
- When you import phonebook from microSD Card, you cannot read files which were backed up collectively.

Phonebook

The "Phonebook" (🔲) application is set to activate when registering from outgoing call history/incoming call history to the phonebook etc. by default.

- The setting is disabled in the following cases.
  - When performing Reset all
  - When installing applications of other phonebooks
  - When performing [Clear defaults] in the Launch by default field in Manage applications
- When the setting is disabled, the screen to select a phonebook application to activate is displayed when registering from outgoing call history/ incoming call history to the phonebook etc. You can perform the settings again by enabling [Use by default for this action.] and selecting an application.

Available network services

- You can use the following DOCOMO network services on the handset.

Service name	Subscription	Monthly fee
Voice Mail Service	Necessary	Fees apply
Call Waiting Service	Necessary	Fees apply
Call Forwarding Service	Necessary	Free
Nuisance Call Blocking Service	Not necessary	Free
Caller ID Notification Service	Not necessary	Free
Public mode (Power off)	Not necessary	Free
Koe-no-Takuhaibin	Not necessary	Free

- "Deactivate" does not mean that the Voice Mail Service, Call Forwarding Service or other subscriptions are canceled.
- Network services are not available outside the service area or in a place with no signal.
- This manual explains the outline of each network service based on the operation using the handset menu. Refer to "Mobile Phone User's Guide [Network Services]" for details.
- For subscription and inquiries, contact "General Inquiries" on the back of this manual.

Voice Mail Service

Voice Mail Service is a service for answering calls with a reply message and recording callers' messages when the handset is outside the service area or turned off or when you cannot answer calls.

- The handset does not support Voice Mail Service of videophone call. Call "1412" to disable it.
- To prioritize Voice Mail Service when the answering memo (☞P. 82) is also set, set the ringing time for Voice Mail Service shorter than the answering duration for the answering memo.
- If a call is not answered when Voice Mail Service is set to "Activate", the call is saved as "Missed Call" in "Incoming History" and the notification icon [🗷] appears.

Basic flow
STEP 1 Activate Voice Mail Service.
STEP 2 Call is received.
STEP 3 Call is connected to Voice Mail Service center if not answered.
STEP 4 Caller records a message.
- To record a message immediately without hearing a reply message when you are in a hurry, press "#" when a reply message is played.
STEP 5 Play message.

1 **In the home screen, [☺] ▶ [Settings] ▶ [Call settings] ▶ [Network service] ▶ [Voice mail service]**

2 **Select the service**
- **Activate service**: Start Voice Mail Service.
- **Ring time settings**: Set time to connect to Voice Mail Service.
- **Deactivate service**: Stop Voice Mail Service.
- **Settings confirmation**: Check current settings.
- **Play messages**: Play new message.
- **Settings**: Set Voice Mail Service.
- **Checking messages**: Check new message.
- **Message notification settings**: Set to notify when a new message is stored.

- You can record up to 20 messages with the recording time per message up to approximately 3 minutes. Messages are saved for up to approximately 72 hours.
- When Call Forwarding Service is set to "Activate", Voice Mail Service is stopped automatically.

[Ring time settings]
- If you set Ring time settings to "0sec", an incoming call is directly connected to Voice Mail Service center without being registered in the incoming call history.

Call Waiting Service

Call Waiting Service is a service for placing the current call on hold and answering a new incoming call when the handset beeps during a call to notify you of another call. In addition, place the current call on hold and make a new call.

- When receiving another call during a call, a beeping is heard.

1 **In the home screen, [⊙] ▶ [Settings] ▶ [Call settings] ▶ [Network service] ▶ [Call waiting]**

2 **Select the service**
   - Activate service: Start Call Waiting Service.
   - Deactivate service: Stop Call Waiting Service.
   - Settings confirmation: Check current settings.

- Charges are incurred by a caller even when the call is on hold.
- Placing the current call on hold and making a call to another party are possible even when Call Waiting Service is deactivated.

Answering an incoming call during a call

1 **A beeping tone is heard during a call**

2 **Answer the call**
   - When [Activate] is displayed, operate after touching [Activate].

Incoming call

Taro Docomo
Mobile 090-XXX-XXXXX

1 Accept 2 Reject

1 Accept
   - You can place the current voice call on hold and answer the call.

2 Reject
   - You can reject the incoming call.

Placing the current voice call on hold and making a separate call

1 **During a call, [Add call] ▶ enter a phone number ▶ [📞]**
   - The original call is automatically placed on hold.

Call Waiting Service screen layout

1 **Switch callers**
   ● You can switch callers.
2 **Caller on current call**
3 **Caller on hold**

Call Forwarding Service

Call Forwarding Service is a service for forwarding calls when the handset is outside the service area or turned off or when calls are not answered within set ringing time.

● To prioritize Call Forwarding Service when the answering memo (☞P. 82) is also set, set the ringing time for Call Forwarding Service shorter than the answering duration for the answering memo.
● If a call is not answered when Call Forwarding Service is set to "Activate", the call is saved as "Missed Call" in "Incoming History" and the notification icon [☒] appears.

Basic flow
STEP 1 Register forwarding destination.
STEP 2 Activate Call Forwarding Service.
STEP 3 Call is received.

STEP 4 Call is automatically forwarded to the registered destination if not answered.

Call Forwarding Service fees

Caller

↓   Charged to caller.

Call Forwarding Service subscriber

↓   Charged to Call Forwarding Service subscriber.

Forwarding destination
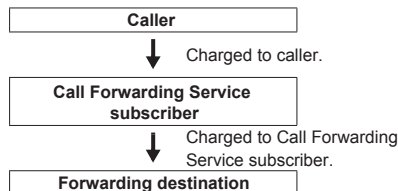
1 In the home screen, [⊖] ▶ [Settings] ▶ [Call settings] ▶ [Network service] ▶ [Call forwarding service]

2 Select the service
   ■ Activate service: Start Call Forwarding Service. Also, entering a phone number to forward to and setting the ringing time are available.
   ■ Deactivate service: Stop Call Forwarding Service.
   ■ Change call forwarding number: Change phone number to forward to.
   ■ Call forwarding settings: Set whether to connect to Voice Mail Service center when the forwarding destination is busy.
   ■ Guidance settings: Set whether to enable the forwarding guidance.
   ■ Settings confirmation: Check current settings.

● When Voice Mail Service is set to "Activate", Call Forwarding Service is stopped automatically.

● When you set Ring time to "0sec", an incoming call is directly forwarded without being registered in the incoming call history.

Nuisance Call Blocking Service

You can register phone numbers for "nuisance calls" such as prank calls. When numbers are registered for the Nuisance Call Blocking Service, calls are automatically rejected and a guidance answers them.

● A ring tone does not sound when calls are received from registered numbers. In addition, the calls are not saved in the incoming call history.
● You can reject callers with no caller ID.
● International calls may not be rejected.

1 **In the home screen, [☺] ▶ [Settings] ▶ [Call settings] ▶ [Network service] ▶ [Nuisance call blocking service]**

2 **Select the service**
   ■ Caller ID reject registration: Register the last caller who has been answered.
   ■ Specified caller ID reject registration: Register the caller of the specified phone number.
   ■ Delete all registered caller ID: Delete all registered numbers.
   ■ Delete latest registered number: Delete the last registered number.
   ■ Check the number of registration: Check the number of registered entries.
   ■ Advanced settings: Connect to the site where you can delete the registered number by selecting and check the registered number.

Caller ID Notification Service

You can display your number (caller ID) on the other party's phone (display) when you make a call.

● Caller ID is important personal information. Be very careful about your caller ID setting.
● The caller ID notification function is available only on compatible phone devices.
● If you hear a message asking you to notify caller ID, enable the caller ID notification function or add "186" and call again.

1 **In the home screen, [☺] ▶ [Settings] ▶ [Call settings] ▶ [Network service] ▶ [Caller ID notification]**

2 **Select the service**
   ■ Settings: Activate/Deactivate Caller ID Notification Service.
   ■ Settings confirmation: Check current settings.

Public mode (Power off)

Public mode (Power off) is an automatic answering service used to ensure the proper manners in public places. Set Public mode (Power off) to play a message for the caller stating that the power is off and you are unable to answer because you are in a place that does not allow the use of mobile phone (in a hospital, on the airplane, near the priority seats on the train, etc.), and the call is disconnected automatically.

- When Public mode (Power off) and network services are set simultaneously, Voice Mail Service[*1], Call Forwarding Service[*1] and Caller ID Display Request Service[*2] are activated in priority to Public mode (Power off).
  - [*1] For calls whose ringing time is other than 0 seconds, the service is activated after the Public mode (Power off) guidance.
  - [*2] Public mode (Power off) is activated when the caller notifies the ID.
- For calls from callers rejected by Nuisance Call Blocking Service, Public mode (Power off) is not activated.
- When a "User unset" call is received while Caller ID Display Request Service is set to "Activate", Caller ID Display Request message is played (Public mode (Power off) message is not played).

1 **In the home screen, [☉] ▶ [Settings] ▶ [Call settings] ▶ [Network service] ▶ [Public mode (power OFF) settings]**

2 **Select the service**
  - Activate service: Public mode (Power off) is set (No visual changes occur in the screen).
  - Deactivate service: Disable Public mode (Power off).
  - Settings confirmation: Check settings of Public mode (Power off).

When Public mode (Power off) is set

Public mode (Power off) remains set until disabled. The setting is not canceled just by turning on the power. 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 disconnected automatically. Public mode (Power off) message is played when the handset is outside the service area or in a place with no signal.

Koe-no-Takuhaibin

You can record or play voice messages with simple operations.
- Koe-no-Takuhaibin is a service that does not require a subscription. The monthly usage fees are free. However, the fees are charged for recording or playing messages.
- You cannot use overseas.
- Refer to the DOCOMO website for details.

Basic flow
- **STEP 1** Specify caller and make a call by the "声の宅配便 (Koe-no-Takuhaibin)" application.
- **STEP 2** Record a message according to voice guidance.
- **STEP 3** Record notification message (SMS) is received by the caller.
- **STEP 4** Caller plays the message.
- **STEP 5** Play notification message (SMS) that notifies the message has been played is received.

- You can record up to 500 messages with the recording time per message up to approximately 15 minutes. Messages are saved for 720 hours.

- You can protect up to 5 messages. If you disable the protection, the messages will be deleted automatically after 720 hours have passed.

Recording a message

You can record your message when making a call with Koe-no-Takuhaibin.

1 **In the home screen, [☉] ▶ [Phone] ▶ [Dial]**

2 **Enter the other party's phone number ▶ [Koe-no-Takuhaibin]**

3 **Record a message**
   • Follow the voice guidance and operate.

Playing a message

You can play your message recorded in Koe-no-Takuhaibin. You can also delete or protect the message after playing it.

1 **Make a call to the number displayed on a record notification message (SMS)**
   • Follow the voice guidance and operate.

Setting Koe-no-Takuhaibin

1 **In the home screen, [☉] ▶ [Settings] ▶ [Call settings] ▶ [Network service] ▶ [Koe-no-Takuhaibin]**

2 **Select the service**
   ■ Service usage(launch application): Activate the "声の宅配便 (Koe-no-Takuhaibin)" application.
   ■ Confirm/Change settings(site connection): Perform settings by connecting to the site.
   ■ Confirm/Change settings(voice call): Perform settings by making a call.

Various Settings

Setting menu

In the home screen, [⊙] ▶ [Settings] to display the menu and set various settings of the handset.

Setting	Description
Profile	You can display the phone number registered in the docomo mini UIM card and register a name, mail address, etc.
Energy saving settings	Activate Energy save. You can set the mode to use and the mode to be switched by the battery level and the time.
docomo service	Set the docomo service.
Wireless & networks	Set communication such as Wi-Fi function, Bluetooth function and Wi-Fi tethering.
Call settings	Set call such as voice mail and reject calls.
Sound settings	Set the manner mode, ring tone, etc.
Display settings	Set screen display etc.
USB connection	Change the settings for connecting the handset to a PC using the microUSB cable for PC (sample).
Location & security	Set the security lock or the way to retrieve information of the present location.

Setting	Description
Applications	Manage applications.
Accounts & sync	You can synchronize data between the handset and online services. You can access personal information stored in online services from the handset and PC, and you can use and update data by synchronizing them.
Privacy	Perform Reset all or transfer data.
microSD & phone storage	You can check the available space on the microSD Card, manage the backup, etc.
Language & keyboard	Set the language displayed on the screen or character entry.
Voice input & output	Set Voice input & output and text-to-speech.
Accessibility	Set accessibility option.
Pedometer setting	Set pedometer setting such as User Information.
Date & time	Set the date and time and the date format.
About phone	Check the information about the handset.
Default settings	Change the initial setting.

Profile

You can display the phone number registered in the docomo mini UIM card and register a name, mail address, etc.

1 **In the home screen, [⊖] ▶ [Settings] ▶ [Profile]**

2 **[☰] ▶ [Edit] ▶ set each item ▶ [☰] ▶ [Save] ▶ [Yes]**

● In the mixi and Twitter field, the account information used when you logged in on Address Book is displayed. You cannot change/delete the information from the profile.

Energy saving settings

Activate Energy save. You can set the mode to use and the mode to be switched by the battery level and the time.

1 **In the home screen, [⊖] ▶ [Settings] ▶ [Energy saving settings]**

2 **Set**
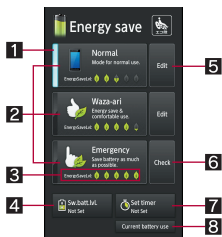
1 **In-use setting**
● Display in the set mode.

2 **Mode**
● The following modes can be set.
■ Normal: You can change the setting with your favorite contents.
■ Waza-ari: You can use comfortably while saving the battery power.
■ Emergency: Save the battery power as much as possible.

3 **EnergySaveLvl**
● Display the effect of the energy saving.

4 **Sw.batt.lvl.**
● You can set to switch to the specified mode when the battery level reaches the specified level.

5 **Edit**
● Set the functions to save energy individually, such as Wi-Fi function, Bluetooth function and GPS function.

6 **Check**
● Confirm the details of the mode.

7 **Set timer**
● Set to the specified mode when specified time arrives.

8 **Current battery use**

● When the mode is set to be switched according to the setting of [Sw.batt.lvl.], the mode is not switched even when the time set for Set timer arrives.

● When enabling Energy save stndby, it controls the applications that operate in the background during the sleep mode. For Waza-ari mode, if you touch [❷] of Energy save stndby in the editing screen and select [Advanced], you can set the application to control individually.

- The applications that communicate periodically may not start the communication even if Energy save stndby is disabled. In such case, set the corresponding application again.

docomo service

Set the docomo service.

1 In the home screen, [☺] ▶ [Settings] ▶ [docomo service]

2 Select an item
- **Application manager**: Set the confirmation for updating applications.
- **Wi-Fi**: Perform settings to use the docomo service by using Wi-Fi function.
- **docomo apps password**: Set the password to use for applications DOCOMO provides.
- **AUTO-GPS**: Set AUTO-GPS.
- **Open source licenses**: Display the open source license.

Wireless & networks

Set communication such as Wi-Fi function, Bluetooth function and Wi-Fi tethering.

1 In the home screen, [☺] ▶ [Settings] ▶ [Wireless & networks]

2 Select an item
- **Offline(airplane) mode**: Restrict the use of all functions using communication such as call/mail function.
- **Wi-Fi**: Enable Wi-Fi function.
- **Wi-Fi settings**: For details ☞P. 42
- **Home network settings**: For details ☞P. 114
- **Bluetooth**: Enable Bluetooth function.
- **Bluetooth settings**: For details ☞P. 110
- **Portable hotspot**: For details ☞P. 43
- **VPN settings**: For details ☞P. 115
- **Mobile networks**: For details ☞P. 152

[Offline(airplane) mode]
- When the SIM card lock setting is enabled, you cannot call to the emergency number (110, 119 or 118). When the SIM card lock setting is disabled, you can call to the emergency number (110, 119 or 118) in Offline(airplane) mode. If you call to the emergency number, Offline(airplane) mode is disabled and the call is made.

Call settings

Set call such as voice mail and reject calls.

1 **In the home screen, [☉] ▶ [Settings] ▶ [Call settings]**

2 **Select an item**
- Network service: For details ☞ P. 72
- Any key answer settings: Set an action when you press 🔲 on receiving a call.
- Power key ends call: For details ☞ P. 90
- Call/Ans Memo: Play or set Call/Answer Memo. If you set the answering memo, the handset answers a call and records the caller's message when you cannot answer.
- Overseas setting: For details ☞ P. 155
- Call advanced setting: Set a prefix number.
- Call blocking: Set Call blocking.
  - [Specified numbers] ▶ 🔳 ▶ [Edit] to add/change/delete the specified phone number.
- Accounts: Set an account for Internet call.
- Use Internet calling: Set whether to use Internet call.

[Any key answer settings]
- Following items can be set.
  - Answer: Press 🔲 on receiving a call to answer it.
  - Quick silent: Press 🔲 on receiving a call to temporarily stop the ring tone, vibrator or flash of the incoming lamp.
  - OFF: Operation is not available by pressing 🔲 on receiving a call.

Sound settings

Set the manner mode, ring tone, etc.

1 **In the home screen, [☉] ▶ [Settings] ▶ [Sound settings]**

2 **Select an item**
- Manner mode: For details ☞ P. 83
- Phone vibe: Set whether to enable the vibrator for receiving a call.
- Volume: Set the volume of ring tone, media play sound, etc.
  - Alternatively, press ⏶/⏷ to change the incoming call volume.
- Earphone type: Set the type of earphone/microphone to connect.
- Melody: Set the ring tone.
- Vibrator Pattern: Set the vibrator pattern.
- Incoming lamp: Set the pattern of lamp when receiving a call.
- Notification sound: Set the sound for receiving a notification.
- Ring duration: Set the ring duration.
- Pulse notification light: Set whether to flash the lamp for receiving a notification.
- Audible touch tones: Set whether to enable dial sound.
- Audible selection: Set whether to enable operation sound for selecting items.
- Screen lock sounds: Set whether to enable operation sound for locking or unlocking screen.
- Haptic feedback: Set whether to enable the vibrator for specific key operations.

[Pulse notification light]
- If no operations are performed for approximately 24 hours after notification lamp starts flashing, notification lamp will be turned off.

Manner mode

Set to avoid disturbing others when in public.

1 **In the home screen, [☺] ▶ [Settings] ▶ [Sound settings] ▶ [Manner mode]**

• Alternatively, in the home screen, θ (for at least 1 second) ▶ [Manner mode] to enable/ disable the manner mode. When setting the manner mode, it is set to the previous manner mode.

2 **Select the type of the manner mode**

■ Standard manner mode: The ring tone and operation sound are silenced, and the vibrator is activated when receiving a call or others. When Answering memo setting is set to [Mannermode], the answering memo is enabled and operated according to its setting.

■ Drive manner mode: The ring tone and operation sound are silenced, and the vibrator is not activated even when receiving a call or others. The answering memo is enabled and operated with the Answering message setting of [Drive].

■ Silent manner mode: The ring tone and operation sound are silenced, and the vibrator is not activated even when receiving a call or others. When Answering memo setting is set to [Mannermode], the answering memo is enabled and operated according to its setting.

■ OFF: Disable the manner mode.

● The following sounds are not silenced even when the manner mode is set.
  ■ Shutter sound of the camera
  ■ Record start/end sound of the video camera
● While the manner mode is set, incoming call volume cannot be changed by pressing 🔒/🔓.

Display settings

Set screen display etc.

1 **In the home screen, [☺] ▶ [Settings] ▶ [Display settings]**

2 **Select an item**

■ Brightness: For details ☞P. 84
■ Auto-rotate screen: Set whether to switch the screen to horizontal/vertical display when rotating the handset 90° to the left/right.
■ Animation: Set whether to express screen switch with animation.
■ Screen timeout: Set the light duration of backlight.
■ Charging Theater: Set whether to display the charging menu or slideshow when you start charging.
■ VeilView: Prevent others from seeing display.
■ Text font: Set the text font.
■ Wallpaper: Set an image for the home screen.
■ 3D parallax: Set the stereoscopic effect of 3D display.
■ 3D video playback settings: Set playing of 3D moving pictures.

[Auto-rotate screen]
● Auto-rotate screen may not follow the setting depending on the application in use.

[Screen timeout]

● Note that increasing the light duration shortens the continuous stand-by time.

[Charging Theater]

● The charging theater is displayed when you start charging in the following situations.
  ■ While the home screen is displayed (including during sleep mode)
  ■ While the application screen is displayed (including during sleep mode)

[VeilView]

● The effect of preventing others from seeing differs depending on the selected patterns.

● The intensity is more effective to prevent others from seeing the display in order of [Dark], [Medium], and [Light].

● While switching to 3D display, VeilView is disabled.

● VeilView is disabled if the power is turned off.

[Text font]

● Font may not appear correctly when activating an application downloaded from Android Market etc. depending on the selected font.

3D display

● If you play games and 3D images or watch for a long time, the handset becomes warm and the screen becomes dark. This is not a malfunction. The screen becomes bright again if you disable 3D display.

Using 3D converting function

● When you convert an image whose copyright is owned by another person, such as recorded one with the handset or acquired from another media, enjoy it for yourself and use it only within the range of your private purpose. Note that the use of it over the range can be violation of the copyright.

Brightness

1 **In the home screen, [☺]** ▶ **[Settings]** ▶ **[Display settings]** ▶ **[Brightness]**

2 **Select an item**
  ■ Eco Backlight Control: Conserve the consumption of the backlight by adjusting the quality of images efficiently.
  ■ Automatic brightness: Set whether to adjust the brightness of the backlight automatically. When not adjusting automatically, set the brightness manually.
  ■ Vivid display mode: Set whether to make the display vivid.

[Automatic brightness]

● Note that the continuous stand-by time is shortened when increasing the brightness of the screen.

[Eco Backlight Control]

● The color may differ by adjusting images.

USB connection

Change the settings for connecting the handset to a PC using the microUSB cable for PC (sample).

1 **In the home screen, [☺]** ▶ **[Settings]** ▶ **[USB connection]**

2 **Select an item**
  ■ PC software installer: Set whether to install MediaJet when connecting to a PC via the microUSB cable for PC.

■ USB connection mode: Change the mode set when connecting the handset to a PC.
・Connect the handset to a PC via the microUSB cable for PC in advance.

[USB connection mode]
● The following modes can be set.
  ■ Card reader mode: Mode for using microSD Card inserted into the handset as external memory for a PC.
  ■ Fast transfer mode: Mode for fast data communication between the handset and a PC.
  ■ MTP mode: Mode for transferring music data/video/still picture to microSD Card using Windows Media® Player 11/12.
● While transferring data, Offline(airplane) mode may be enabled.

Location & security

Set the security lock or the way to retrieve information of the present location.

1 **In the home screen, [◉]▶ [Settings]▶[Location & security]**

2 **Select an item**
  ■ Use wireless networks: Gather location information using wireless networks.
  ■ Use GPS satellites: Gather location information with higher accuracy.
  ■ Lock Setting: Set/disable Screen lock, Restrict calls and Restrict address book.

■ Unlock method: Change the unlock method. finger list, Lock No. or password can be used.
■ Change unlock pattern: Change the finger list pattern, Lock No. or password set for unlock method.
■ Use visible pattern: Display track for entering finger list pattern with line.
■ Use tactile feedback: Activate vibration on entering Lock No., finger list pattern and password.
■ Set up SIM card lock: For details ☞P. 87
■ Visible passwords: When you enter the PIN code etc., you can display the entered characters before displaying [・].
■ Select device administrators: For details ☞P. 88
■ Use secure credentials: Allow access to secure certificates and other credentials.
・Set the credential storage password in advance.
■ Install from microSD: Install encrypted certificates from microSD.
■ Set password: Set the credential storage password.
■ Clear storage: Delete all credentials and reset the credential storage password.

● It is necessary to enable location information services ([Use wireless networks] or [Use GPS satellites]) to measure the present location.

[Use GPS satellites]
● Power consumption of the handset increases.

[Lock Setting]

- The followings are the details of the lock which can be set. Entering the unlock method set by Unlock method is required to temporarily disable each lock.
  - Screen lock: Screen lock is set while the touch panel is locked.
  - Restrict calls: Restrict calling.
  - Restrict address book: Restrict the operation concerning the phonebook such as viewing and registering the phonebook.
- If you failed to enter finger list pattern five times when temporarily disabling Screen lock, [Forget?] is displayed when you have set your Google account. Disable the lock temporarily by signing in with your Google account and enter new finger list pattern.
- You can call to the emergency number (110, 119 or 118) even when you set Restrict calls.

Lock/Security

Security codes used on the handset

Some functions for convenient use of the handset require security codes. In addition to the Lock No. used for various handset operations, use security codes such as the network security code when using network services. Use security codes with various functions to fully utilize the handset.

- Entered Lock No. (security code for each function) and PIN code are marked with [·].

Precautions for various security codes

- Do not use easily estimated numbers for security codes to be set such as "birthday", "part of a phone number", "address or room number", "1111" or "1234". Keep a separate memo of security codes.
- Keep security codes private. If the security codes are found and improperly used by others, DOCOMO shall not be liable for any loss of the users.
- If you forget your security codes, you are required to bring your identification (a driver's license etc.), your handset and your docomo mini UIM card to a docomo Shop. For details, contact "General Inquiries" on the back of this manual.
- PUK (PIN Unlock Key) is described in the agreement form (customer copy) you received at the time of subscription at a docomo Shop. If you made a subscription outside a docomo Shop, bring your identification (a driver's license etc.) and your docomo mini UIM card to a docomo Shop or contact "General Inquiries" on the back of this manual.

▌ Lock No. (for various functions)

Lock No. is set to [0000] by default but you can change the number (☞P. 85).

- If you enter the wrong Lock No. five times continuously, you cannot enter it for 30 seconds.

Network security code

Network security code is a four-digit code required for confirming the subscriber's identity when an order is received at a docomo Shop or docomo Information center or used for accessing various network services. You set arbitrary code at the time of subscription but you can change the code.
For those with "docomo ID/password" of the general support site "My docomo" designed for PC (in Japanese only), the registration procedure for a new network security code is available from PC.

● Refer to the inside back cover of this manual for details on "My docomo".

PIN code

A docomo mini UIM card has a security code called PIN code. This security code is set to [0000] by default but you can change the code (☞P. 87). The PIN code is a four- to eight-digit security code that is entered when a docomo mini UIM card is inserted or when the handset is turned on to prevent unauthorized use by a third party. Making/Receiving a call and the handset operation are enabled by entering PIN code.

● Use the previously set PIN code when inserting a docomo mini UIM card that has been used in another handset. It is [0000] if the setting has not been changed.

● If you enter the wrong PIN code three times continuously, it is locked. In this case, unlock with "PUK" (PIN Unlock Key).

PUK (PIN Unlock Key)

PUK (PIN Unlock Key) is an eight-digit number used to disable the PIN code lock. You cannot change the code.

● If you enter the wrong code ten times continuously, the docomo mini UIM card is completely locked. In this case, contact a docomo Shop.

SIM card lock setting

Set the PIN code.

1 **In the home screen, [⊙] ▶ [Settings] ▶ [Location & security] ▶ [Set up SIM card lock]**

2 **Select an item**
   ■ Lock SIM card: Set whether to enter the PIN code when the power is turned on.
   ■ Change SIM PIN: Change the PIN code.

● In Japan, you cannot call to the emergency number (110, 119 or 118) from the PIN code entry screen and PUK (PIN Unlock Key) entry screen, with a docomo mini UIM card locked.

● The setting is saved in the docomo mini UIM card.

Disabling PIN lock

1 **In the PIN locking screen, enter PUK (PIN Unlock Key) ▶ [OK]**

2 **Enter the new PIN code ▶ [OK]**

3 **Enter the new PIN code again ▶ [OK]**

Managing device

Set a device administrator when the device administrator is certificated.

1 **In the home screen, [⊙] ▶ [Settings] ▶ [Location & security] ▶ [Select device administrators]**

2 **Select a device administrator ▶ [Activate]/[Deactivate]**

● Omakase Lock needs to be enabled when using Omakase Lock. As of February 2012, Omakase Lock is not available.

Applications

Manage applications.

1 **In the home screen, [⊙] ▶ [Settings] ▶ [Applications]**

2 **Select an item**
■ Unknown sources: Allow installation of applications received via mail or sites other than the Android Market.
■ Preferred install location: Set the preferred location for installed applications.

■ File transfer mail software: Set a mail software to be activated by attaching to mail from another application.
■ Home applications: Switch the home application to use.
■ Manage applications: Check application names, their versions, the memory usage, etc., transfer to the microSD Card, uninstall, etc.
■ Running services: Display and control the running services.
■ Storage use: Check storage usage per application.
■ Recommendation/communication: Set whether to use data of Twitter, mixi, etc. which is displayed in "Address Book" application.
■ Battery use: Check battery usage per application.
■ Development: Use application development functions.

[Unknown sources]
● Applications you download from the sites may be of unknown origin. To protect your handset and personal data, download applications only from trusted sources such as Android Market.

[Development]
● Refer to the following site for details on development function.
http://developer.android.com/

Accounts & synchronization

You can synchronize data between the handset and online services. You can access personal information stored in online services from the handset and PC, and you can use and update data by synchronizing them.

1 **In the home screen, [☺]▶ [Settings]▶[Accounts & sync]**

2 **Select an item**
- Background data: Allow all applications to automatically perform data communication.
- Auto-sync: Allow all applications to automatically perform data synchronization.
- Accounts to be synchronized are displayed as items in "Manage accounts".
- For details on adding an account ☞P. 44

● Register Google account in advance when you synchronize phonebook of your handset with contacts on the online services even if you synchronize with other than Google account.

Privacy

Perform Reset all or transfer data.

1 **In the home screen, [☺]▶ [Settings]▶[Privacy]**

2 **Select an item**
- Reset all: Delete all the data in the handset.
- DataTransferMode: Set when transferring data in the handset at a DOCOMO shop.

[Reset all]
● The following data is deleted.
  ■ Data that is created, saved or registered
  ■ Contents that are set by the "Settings" application
  ■ Downloaded applications

microSD & phone storage

You can check the available space on the microSD Card, manage the backup, etc.

1 **In the home screen, [☺]▶ [Settings]▶[microSD & phone storage]**

2 **Select an item**
- Total space: Check the microSD Card space.
- Available space: Check the available space on the microSD Card.
- microSD backup: For details ☞P. 147
- Mount microSD/Unmount microSD: Mount/ Unmount microSD Card.
- Erase microSD: Format the microSD Card.
  ・ Unmount the microSD Card in advance.
- Available space: Check the available space on the handset.

[Mount microSD], [Unmount microSD]
● Unmount the microSD Card and turn off the power before inserting/removing the microSD Card.

[Erase microSD]
● Note that all the data on the microSD Card will be deleted when formatted.

Language & keyboard

Set the language displayed on the screen or character entry.

1 In the home screen, [⊖] ▶ [Settings] ▶ [Language & keyboard]

2 Select an item
- Select language: Select Japanese/English.
- User dictionary: Register any words in the dictionary and display them as conversion candidates when you enter the characters with the Android keyboard.
- iWnn IME - SH edition: Set iWnn IME - SH edition. For details on each item which can be set ☞P. 50
- Android keyboard: Set the Android keyboard.

Voice input & output

Set Voice input & output and text-to-speech.

1 In the home screen, [⊖] ▶ [Settings] ▶ [Voice input & output]

2 Select an item
- Voice recognizer settings: Set the voice input method on using Voice Search.
- Text-to-speech settings: Set the voice for reading the characters displayed on the handset.

● Text-to-speech is enabled by downloading voice data, accessibility option, etc.

● Voice data that is installed by default does not include Japanese.

Accessibility

Set accessibility option.

1 In the home screen, [⊖] ▶ [Settings] ▶ [Accessibility]

2 Select an item
- Accessibility: Set the accessibility option which responds to the user's operations with sound and vibration when available.
- Power key ends call: Set whether to end the call by pressing ϑ.

[Accessibility]

● By default, accessibility option is not registered. Settings will be available by downloading accessibility options such as "SoundBack", "KickBack" and "TalkBack" from Android Market.

Pedometer setting

Set pedometer setting such as User Information.

1 In the home screen, [⊖] ▶ [Settings] ▶ [Pedometer setting]

2 Select an item
- Pedometer On: Enable the pedometer.
- User Information: Register height, weight and stride.
- Pedometer Reset Time: Set time to reset the pedometer.

● Pedometer On cannot be enabled without inputting User Information.

- When Pedometer On is enabled, the number of steps is always counted while the power is turned on.
- The display of the pedometer is reset once a day at the time set for the Pedometer Reset Time.

Pedometer

Support everyday walking and jogging with pedometer widget.
The number of steps, calories burnt, etc. are saved as history. You can check them as graph.

- Register User Information and enable Pedometer On of Pedometer setting in advance (☞P. 90).
- If vibration or shake was applied to the handset by the vibrator, the number of steps may not be counted correctly.
- Counted number of steps may not be displayed correctly depending on how to put on, measure or walk.
- When carrying the handset in Carry Case 02 (sold separately), put the Carry Case 02 on a belt etc.
- When carrying the handset in a bag or pouch, place it in a stable space such as in a pocket or compartment.

- The first number of steps for approximately 4 seconds is counted, but they will not be displayed as counted steps. Keep walking, and then the total number of steps including them will be displayed as counted steps.

Cautions when counting the number of steps
In the following cases, the number of steps may not be counted correctly.
- When the handset shakes irregularly
  - When the bag which the handset is in shakes irregularly by hitting legs or hip
  - When dangling the handset from your waist, bag, etc.
- When walked irregularly
  - When walked irregularly wearing sandals, geta, slippers, etc.
  - When disarray of walk occurred such as walking in the crowded place
- When used in a place with up-and-down movement or frequent vibration
  - When stood up or sit down
  - When played sports except walking
  - When walked up/down stairs or steep slope
  - When being wobbled in the vehicles (bicycle, car, train, bus, etc.)
- When walked extremely slowly

Date & time

Set the date and time and the date format.

1 **In the home screen, [⊙] ▶ [Settings] ▶ [Date & time]**

2 **Select an item**

- Automatic: Set whether to adjust the date and time automatically.
- Set date: Set the date manually.
- Select time zone: Set the time zone manually.
- Set time: Set the time manually.
- Use 24-hour format: Switch 12-hour format/ 24-hour format.
- Select date format: Set the date format to display.

When [Automatic] is enabled
- If the handset does not adjust the time for a while after the power is turned on, turn off the power and restart it.
- Time may not be adjusted depending on the signal status.
- Time may be off by a few seconds.

About phone

Check the information about the handset.

1 **In the home screen, [⊙] ▶ [Settings] ▶ [About phone]**

2 **Select an item**

- Status: You can check the battery level, network in use, etc.
- Battery use: You can check the battery usage per application.

- Adjust sensitivity of sensor: Adjust accuracy of motion sensor and geomagnetic sensor.
- Software Update: For details ☞P. 164
- Major Update: For details ☞P. 171
- Legal information: You can check copyright notice, terms of service, etc.
- Technical Regulations Conformity Certification: You can check the certification of conformity with technical regulations.
- Model number: You can check the model number.
- Android version: You can check the Android version.
- Baseband version: You can check the baseband version.
- Kernel version: You can check the kernel version.
- Build number: You can check the build number.

[Adjust sensitivity of sensor]
- Perform the adjustment approximately 10 seconds after the adjustment screen appears.
- Adjustment may be failed depending on surroundings or other simultaneously running applications. Change the place where you make adjustment, end running applications, etc.

Mail/Internet

sp-mode mail

You can send and receive mail using mail address of i-mode (@docomo.ne.jp). Pictograms and Deco-mail are available. Automatic reception is also supported.

- For details on sp-mode mail, refer to "ご利用ガイドブック (spモード編)" (Mobile Phone User's Guide [sp-mode]) (in Japanese only).

1 **In the home screen, [☺] ▶ [spモードメール] (sp-mode mail)**

2 **[ダウンロード] (Download)**
- Follow the instructions on the screen and operate after step 2.

SMS

You can send and receive text messages that include up to 70 double-byte characters (160 characters for single-byte characters only) to/from other handsets using phone numbers.

- You can also exchange messages with users of overseas telecommunications carriers. Refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO International Services website for information on available countries and overseas telecommunications carriers.

1 **In the home screen, [☺] ▶ [Messaging]**

2 **[New message] ▶ enter a destination and a message ▶ [Send]**

- For destinations of overseas telecommunications carriers, enter "+", the country code, and the recipient's mobile phone number. If the phone number begins with "0", omit the "0". Alternatively, enter "010", the country code and the phone number. Add "010" to reply to SMS received from abroad.
- Single-byte katakana and special symbols in SMS text 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 a thread by destination and displayed.

1 Image
- It is displayed if an image of the other party is registered in the phonebook. Touch it to select and use the application corresponding to the registered contents of the phonebook. If the other party is not registered in the phonebook, you can register the person in the phonebook by touching the image.

2 Destination/Sender
3 Number of messages in thread
4 Date and time of the message exchange

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3 Check the message

■1 **Sender**
  ● If the sender is not registered in the phonebook, the dial screen is displayed when you touch it.

■2 **Message**
■3 **Date and time of the message exchange**

Replying message

1 **In the home screen, [⊖] ▶ [Messaging]**

2 **Select a thread**

3 **Enter the message ▶ [Send]**

Forwarding message

1 **In the home screen, [⊖] ▶ [Messaging]**

2 **Select a thread**

3 **Touch the message for a while ▶ [Forward] ▶ enter the destination and message ▶ [Send]**

Deleting message

1 **In the home screen, [⊖] ▶ [Messaging]**

2 **Select a thread**

3 **Touch the message for a while ▶ [Delete message] ▶ [Delete]**

Deleting thread

1 **In the home screen, [⊖] ▶ [Messaging]**
  • To delete all threads: ▤ ▶ [Delete threads] ▶ [Delete]

2 **Touch the thread for a while ▶ [Delete thread] ▶ [Delete]**

Setting message

1 **In the home screen, [⊖] ▶ [Messaging]**

2 **▤ ▶ [Settings]**

3 **Select an item**
  ■ Delete old messages: When the number of saved messages reaches its limit, messages are automatically deleted from 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 in the docomo mini UIM card.
  ■ Notifications: Notify you that messages have been received in the status bar.
  ■ Select ringtone: Set the incoming ring tone to be rung when a message is received.
  ■ Vibrate: Set the vibrator to be activated when a message is received.

[Delivery reports]

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

Email

You can send and receive mail by setting a mail account provided by a service provider such as mopera U.
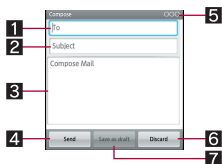
● Set the account in advance (☞P. 44).

1 In the home screen, [☉] ▶ [Email]

2 ⌨ ▶ [Compose]

3 Compose and send the mail

● To attach a file: ⌨ ▶ [Add attachment] ▶ select a file

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

2 Subject

3 Message

4 Send

5 Account

6 Discard
● End composing without saving the edited mail contents.

7 Save as draft
● Save the mail to the unsent box without sending it.

● Some receiving models may not be able to receive the subject completely.

● Mail sent from a Gmail account is treated as one from a PC. When receiving models set PC-mail rejection, mails cannot be sent.

● Mail that could not be sent for any reason will be saved as unsent mail.

● Text for recipient may not appear correctly depending on signal status.

Attaching file

● You can attach up to 5 MB by each file. There are no limits for number of attaching data.

● Depending on the receiving side handset, 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

1 In the home screen, [☉] ▶ [Email]

● The Inbox screen appears when only one account is registered.
・ To display the mail main screen: ⌨ ▶ [Accounts]
・ To display the mailbox screen: ⌨ ▶ [Folders]
・ To update Inbox: In the Inbox screen, ⌨ ▶ [Refresh]
● The mail main screen appears when multiple accounts are registered.

2 **Select a mail**
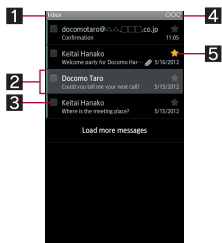
Inbox screen

1 **Folder name being displayed**

2 **Unopened mail**
- The background color of an opened mail turns to black.

3 **Check box**
- Apply the settings for mails to be unopened/opened/starred/deleted on the checked mails collectively.

4 **Account**
- Touch to display the mail main screen when multiple accounts are registered.

5 **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.

Mail main screen

1 **General Inbox**
- Display received mails of all accounts.

2 **Starred folder**
- Display starred mails of all accounts.

3 **Unsent folder**
- Display unsent mails of all accounts.

4 **Outbox**
- Displayed when a mail is being sent.

5 **Account**
- Display the set accounts. Select each account to display the Inbox screen of the selected one.

6 **Number of unopened mails**

7 **Number of mails**
- The number of mails being sent is displayed in the Outbox.

8 **Preferred account icon**
- Displayed in the account used when you compose mails from the mail main screen.

9 **Folder icon**
- Display the mailbox screen of each account.

3 Check the mail

1 Destination

2 Subject

3 Message

4 Attached file

5 Date and time of reception

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 Display new mail

8 Sender
- Touch it to select and use an application corresponding to registered contents of the phonebook. If the sender is not registered in the phonebook, you can register the person in the phonebook by touching it.

9 Display old mail

10 Reply

11 Reply all

12 Delete

Replying mail

1 **In the home screen, [☺] ▶ [Email]**

2 **Select a mail**

3 **[Reply]/[Reply all] ▶ compose and send the mail**

Forwarding mail

1 **In the home screen, [☺] ▶ [Email]**

2 **Select a mail**

3 **[≡] ▶ [Forward] ▶ compose and send the mail**

Deleting mail

1 **In the home screen, [☺] ▶ [Email]**
- To delete selected mails: Touch check boxes ▶ [Delete]

2 **Select a mail**

3 **[Delete]**

Setting mail

Setting accounts

1 **In the mail main screen, touch an account for a while ▶ [Account settings]**

2 **Select an item**

■ Account name: Change the account name.
■ Your name: Change your name.
■ Signature: Change the signature.
■ Inbox check frequency: Set automatic checks for the Inbox.
■ Default account: Set an account prioritized when sending mails.
■ Email notifications: Set whether to notify you of new mails on the status bar when receiving mails.
■ Select ringtone: Set the incoming ring tone rung when receiving mails.
■ Vibrate: Set the operations of the vibrator.
■ Incoming settings: Set the server for received mails.
■ Outgoing settings: Set the server for sent mails.

Adding accounts

1 **In the mail main screen, ▢ ▶ [Add account]**

2 **Set the account**

Gmail

Gmail is a mail service provided by Google.
● Set up a Google account in advance (☞P. 44).
● Refer to Gmail website for details on Gmail.
In the home screen, [☉] ▶ [Gmail] ▶ ▢ ▶ [More] ▶ [Help]

1 **In the home screen, [☉] ▶ [Gmail]**
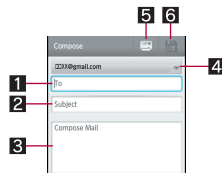
2 **▢ ▶ [Compose]**

3 **Compose and send the mail**

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

2 **Subject**

3 **Message**

4 **Account**
● If you set multiple accounts, you can change accounts.

5 **Send**

6 **Save as draft**
● Save the mail as a draft.

Displaying mail

1 **In the home screen, [☉] ▶ [Gmail]**

- To update Inbox: ▤ ▶ [Refresh]
  ・ Incoming new mails are received and displayed in the Inbox screen.
- To search mails: ▤ ▶ [Search] ▶ enter the keyword ▶ select the search result

2 **Select a thread**

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

1 **Label**
- Touch it to select a display type.

2 **Check box**
- Apply the settings for the archive/deletion/label on the checked mails collectively.

3 **Thread with no unopened mails**
- The background color is displayed in gray.

4 **Account**
- If you set multiple accounts, you can change accounts by touching it.

5 **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.

6 **Number of mails in thread**

3 **Check the mail**

1 **Subject**

2 **Sender**
- Information such as a sender of mails, date and time for mail sending and destination is displayed. Touch [Show details] to display the details.

3 **Message**

4 **Attached file**

5 **Opened mail**
- If the thread has multiple mails inside, touch it to check the opened mail by displaying the sender or the first line of the opened mail etc.

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6 Open
- Touch it to reply/reply to all/forward the mail.

7 Reply

8 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.

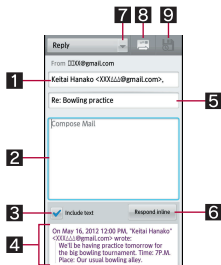**9 Archive**

10 Delete

11 Display new thread

12 Display old thread

Replying/Forwarding mail

1. **In the home screen, [⊖] ▶ [Gmail]**
2. **Select a thread**
3. **[◀] ▶ [Reply]/[Reply all]/[Forward] ▶ compose and send the mail**

1 Destination

2 Message

3 Include text
- Touch it to switch displaying/hiding messages of the original sender.
- You cannot operate it when forwarding mails.

4 Mail of original sender

5 Subject

6 Respond inline
- Enter the mail of the original sender in the message.

7 Reply type
- Touch it to switch replying/replying to all/forwarding.

8 Send

9 Save as draft
- Save the mail as a draft.

Deleting thread

1. **In the home screen, [⊖] ▶ [Gmail]**
   - To delete selected thread: Touch the check box ▶ [Delete]
2. **Select a thread**
3. **[Delete]**

Setting Gmail

1. **In the home screen, [⊖] ▶ [Gmail] ▶ [☰] ▶ [More] ▶ [Settings]**
2. **Select an item**
   - **General preferences**: Set the whole Gmail.
   - **Add account**: Add an account.
   - Select an account to set the details on each account such as the signature and mail notification.

Early warning "Area Mail"

Area Mail is an application to receive the early warning "Area Mail" and check the received Area Mail.

- When an area mail is sent to you, it is automatically received and the contents of it is displayed whether or not the sleep mode is set or whether or not Screen lock is set.
- Area Mail may not be received or displayed automatically depending on the condition of the handset.
  - In the following cases, you cannot receive Area Mail.
    - While the power is off
    - While out of service area
    - During international roaming
    - In Offline(airplane) mode
  - In the following cases, you may not receive Area Mail.
    - During packet communication (data communication)
    - During Wi-Fi tethering
    - During software update
    - During OS version upgrade
  - In the following cases, you can receive Area Mail but it may not be displayed automatically.
    - During a call
    - During packet communication (playing data by streaming, data communication)
    - During software update
    - During OS version upgrade
- Area Mail is a free service that does not require a subscription.

1 **Receive Area Mail automatically**

2 **When Area Mail is received, the Area Mail dedicated ring tone sounds**

Checking received Area Mail later

1 **Touch the status bar ▶ select received Area Mail**

- Alternatively, [☺] ▶ [Area Mail] in the home screen.

- You can receive Area Mail without subscription to mopera U, Business mopera Internet (URL restriction) and sp-mode.
- You cannot receive the Area Mail that failed to be received again.
- You can save up to 50 Area Mails.
- If the number of Area Mails saved in the handset exceeds the maximum number to be saved, Area Mail is deleted from the oldest one.

Setting of early warning "Area Mail"

Whether to receive Area Mail, operations on receiving Area Mail, etc. is set.

1 **In the home screen, [☺] ▶ [Area Mail]**

2 **▤ ▶ [Settings] ▶ select an item**
- **Receive setting**: Set whether to receive Area Mail.
- **Beep tone**: Set the ring duration and operations in the manner mode.
- **Check screen image and beep tone**: Confirm the receiving screen and sound for receiving Area Mail.
- **Other settings**: Set Area Mail to use.

- Settings of the earthquake early warning alarm, ring tone sounds dedicated to the disaster and evacuation information, ring tone volume and vibrator cannot be changed.

Browser

Displaying sites

The handset can display sites over packet communication or Wi-Fi function connection.

1 **In the home screen, [☺] ▶ [Browser]**

● Some sites may not appear properly.

Searching sites

1 **In the browser screen, touch the search box**

2 **Enter the keyword**
• Keywords that include the entered characters are displayed as a list.

3 **Select the keyword**
• Alternatively, enter the entire keyword and [→] to search sites.

Opening new window

1 **In the browser screen, ≡ ▶ [New window]**
• When multiple windows are opened: ≡ ▶ [Windows] ▶ [Open new window]

Switching windows

1 **In the browser screen, ≡ ▶ [Windows]**

2 **Select a window**

Searching characters in the page

1 **In the browser screen, ≡ ▶ [Find on page]**

2 **Search**

1 **Search previous key**
2 **Search next key**
3 **End search key**
4 **Search box**
  ● Enter the keyword to search with.

Copying characters

1 **In the browser screen, ≡ ▶ [More] ▶ [Copy text]**

2 **Drag it from the start position to the end position**
• To change the copy range: Drag [◁]/[▷]

3 **Touch the copy range**

Convenient functions

You can display a link with a new window, download data such as images, etc.

1. **In the browser screen, touch a link/ an image for a while**
2. **Select a function to use**

Reloading browser

1. **In the browser screen, [≡] ▶ [Reload]**

Ending browser

1. **In the browser screen, [≡] ▶ [End browser]**

Setting browser

1. **In the browser screen, [≡] ▶ [More] ▶ [Settings]**
2. **Select an item**
   - Font size: Set the font sizes.
     ・The layouts of sites may get unbalanced.
   - Default resolution: Set the resolution of the screen when using Browser.
   - Text encoding: Set the text encoding.
   - Block pop-up windows: Set whether to block pop-up messages.
   - Load images: Set whether to display site images. When you set not to display them, speeds of loading sites get faster.
   - Auto-fit pages: Set whether to automatically adjust widths of sites to your favorable ones according to screens.
   - Enable JavaScript: Set whether to enable JavaScript.

   - Enable plug-ins: Set whether to enable plug-in function such as Flash.
   - Priority pinch speed: Set whether to fasten the screen switching speeds when pinching in/out by making image resolutions rough.
   - Open in background: Set whether to open new windows behind the currently displayed one.
   - Home page setting: Set websites.
     ・Touch [Use current page] to enter the URL of the currently displayed site.
   - Delete cache: Delete sites' copied data (cache) saved temporarily.
   - Delete history: Delete viewed histories of Browser.
   - Accept cookies: Set whether to permit to save and read Cookies.
   - Delete all cookie data: Delete all the saved Cookies.
   - Save form data: Set whether to save data entered on forms.
   - Delete form data: Delete all the saved forms.
   - Save passwords: Set whether to save the user name and password used when signing in the site.
   - Delete passwords: Delete all the saved passwords.
   - Show security warnings: Set whether to display warnings when the security of the sites is deemed to be compromised.
   - Open full page view: Set whether to fully display newly opened sites.
   - Always landscape: Set whether to display sites horizontally all the time.
   - Enable location access: Set whether to notify sites of your present location information.
   - Delete location access: Delete all the settings that allow the handset to notify sites of your present location information.

- Website settings: Display detailed settings of individual sites. You can delete data saved by site.
- Set search engine: Select search engines.
- Reset bookmarks: Reset bookmarks to default.
  ・All the bookmarks that you registered will be deleted.
- Reset to default: Reset all the settings of Browser to default.

Using bookmark and history

Saving bookmarks

1 **In the browser screen, ⌘ ▶ [Bookmarks]**

2 **[★Add] ▶ [OK]**
   • When display is set to List view: [Bookmark current page] ▶ [OK]

Displaying sites from bookmarks

1 **In the browser screen, ⌘ ▶ [Bookmarks]**

2 **Select a bookmark**
   • To switch to List view: ⌘ ▶ [List view]

Displaying sites from frequently used sites/histories

1 **In the browser screen, ⌘ ▶ [Bookmarks] ▶ [Most visited]/ [History]**

2 **Select a frequently used site/history**

File Management

Contents manager

You can manage the data saved on the microSD Card, classify the data by types and display it.

1 **In the home screen, [☉] ▶ [Contents Manager]**

2 **Select a data**
   • When a corresponding application has already been installed, select the data to display it.
   • When there are multiple corresponding applications installed on the handset, the application selection screen may appear. Select an application to display the data.
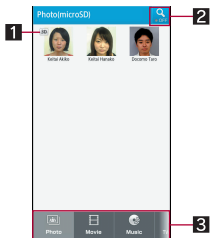
1 3D data

2 Data searching
   ● Search for data on the microSD Card by selecting search criteria.

3 Category
   ● The data in the selected category is displayed.

Category	Displayed data
Photo	Still pictures shot with the handset or downloaded images
Movie	Moving pictures shot with the handset or downloaded videos
Music	Melodies or WMA files
TV/ SD-Video	Videos recorded with the handset or recorder link data
Doc.	Office type data (.doc, .xls, .ppt, .docx, .xlsx, .pptx, .csv), PDF data or Text file
Others	Other data

Infrared communication

Using infrared communication

Use infrared communication to send and receive data to and from other handsets which also support infrared communication.

- Send and receive phonebook entries, sp-mode mails, profiles, memos, schedules, bookmarks, ToruCa, data shot by camera, etc.
- The handset infrared communication function complies with IrMC™ 1.1 standard. However, depending on the data, some data may not be sent or received even when the other party's handset complies with IrMC™ 1.1 standard.
- The handset Ir send and receive functions comply with IrSimple™ standard.
- Infrared communication is not available in Offline(airplane) mode.
- To enter docomo application password or Lock No. and to enter authentication code are required for sending and receiving all data items. The authentication code is a password exclusively for infrared communication. Before starting data communication, the sender and receiver must enter the same user-specified four-digit code.

When using infrared communication

Infrared port
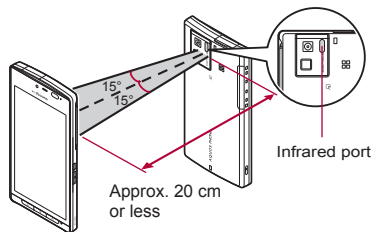
Approx. 20 cm or less

- Face the Infrared ports of the receiver's and sender's handset each other and set the distance between them to approximately 20 cm or less as shown.
- While doing infrared communication, keep the Infrared ports facing each other and do not move them.
- Infrared communication may not function properly in areas of direct sunlight, directly under fluorescent lights or near other equipment using infrared signals.
- If either of the Infrared ports is dirty, infrared communication will become difficult. Take care not to scratch the ports, and wipe off any dirt with a soft cloth.

Sending and receiving by Infrared

- Insert a microSD Card in advance. However, sending and receiving just single data may not require the microSD Card.
- When sending data, you can also operate from each function (menu).

1 In the home screen, [⊝] ▶ [Send and Receive by Infrared]

2 Select an item

- Receive: Receive single data.
- Receive all: Receive all data.
- Send: Select data and send.
- Send all: Send all data by selecting an application.
- Send image and video settings: Set the format of when sending images or videos.
- Perform the operation for receiving and sending at the same time.
- After the operation for receiving, the handset waits to receive data. Infrared communication automatically begins when data is sent from sender's handset within approximately 30 seconds.

- Note that if you select [Delete all before registration] when receiving all data, all data registered to the target function are deleted.
- Receiving all data is not available depending on the data type.
- When you send 3D images, select [Contents Manager] in the screen to select an application.
- When available memory space in the save destination becomes insufficient, the data being received to that point are saved and receiving ends.
- IrSS™ communication performs communication without confirming the response of the receiver side, since it uses a simplex communication. For this reason, the sender side completes the communication normally even if the receiver side does not.

iC communication

Using iC communication

You can send and receive data with other handsets equipped with iC communication function.
- Make initial setting of Osaifu-Keitai in advance (☞P. 142).
- In the following cases, you cannot perform iC communication.
  - During Offline(airplane) mode
  - During Osaifu-Keitai lock
- In the following cases, data may not be sent via iC communication.
  - During a call   ■ During charging
  - During earphone/microphone connection
  - During USB connection

- sp-mode mails, memos, schedules and ToruCa cannot be sent by iC communication. For details on other data that can be sent and received, refer to "Infrared communication" (☞P. 106).

When using iC communication

ꀈ mark
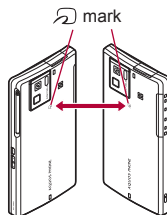
- Use while placing the ꀈ mark of receiver's handset on that of sender's handset as shown.
- Do not move the handset until sending and receiving of data is completed.
- There may be some cases in which data are poorly sent and received or the screen is off by positioning the handset near depending on the other party's handset. In that case, put a distance between the ꀈ marks apart/closer or slide them up/down or to the left/right.

Sending and receiving by iC

To enter authentication code is required for sending and receiving all data items. The authentication code is a password exclusively for iC communication. Before starting data communication, the sender and receiver must enter the same user-specified four-digit code. In addition, to enter Lock No. may be required for sending all data items.

File Management 107

● Insert a microSD Card in advance. However, sending and receiving just single data may not require the microSD Card.

Sending data

Example: Still picture

1 **In the home screen, [⊙] ▶ [Contents Manager]**

2 **Touch a still picture for a while ▶ [Share] ▶ [Send by IC]**

3 **Place the 🔊 mark on that of the other party's handset**

4 **[Ok]**

Receiving data

1 **Place the 🔊 mark on that of the other party's handset**

2 **[Accept]**

3 **Touch the status bar ▶ select received data**

Bluetooth function

You can connect the handset to Bluetooth devices wirelessly.

● Wireless communications with all the Bluetooth devices are not completely guaranteed.

● Bluetooth function is not available in Offline(airplane) mode.

Supported version and supported profiles

■ **Supported version**
Bluetooth Specification Ver.3.0+EDR[*1]

■ **Supported profiles[*2] (Supported services)**
HSP: Headset Profile[*3]
HFP: Hands Free Profile[*4]
A2DP: Advanced Audio Distribution Profile[*5]
AVRCP: Audio/Video Remote Control Profile[*5]
HID: Human Interface Device Profile[*6]
OPP: Object Push Profile[*7]
SPP: Serial Port Profile[*8]
PBAP: Phone Book Access Profile[*9]

*1 The handset and all Bluetooth function-installed devices have ensured that they conform to the Bluetooth specification according to the rules that the Bluetooth SIG defines, and are all authenticated. However, operating methods might differ or data might not be exchanged even when they are connected wirelessly, depending on the features or specifications of connecting devices.

*2 Standardizes the communication procedures of Bluetooth device per feature of a device.

*3 Connect commercially available Bluetooth compatible Headset to the handset to talk wirelessly.

*4 Connect a commercially available Bluetooth compatible hands-free device such as a car navigation system to the handset to talk during hands-free operation using the car navigation system.

*5 Connect Wireless Earphone Set 02 (sold separately) or commercially available Bluetooth compatible audio device to the handset to play music, sound of 1Seg, etc. wirelessly. Also, remote control operation may be available from Bluetooth devices. However, compatible devices are limited depending on the data type.

*6 Connect commercially available Bluetooth compatible keyboard to Bluetooth devices to enable you to enter characters with a keyboard.

*7 Connect a Bluetooth device to the handset with the File transfer service to send and receive data between them.

*8 Set the virtual connection with a serial cable and interconnect between devices.

*9 Transfer phonebook data in the handset to a Bluetooth device. Data is not displayed correctly on the other party's device depending on the contents of the transferred phonebook data.

- Refer to the manual for the Bluetooth device as well.
- When connecting the Wireless Earphone Set 02, connect it from the handset.
- You cannot listen to sounds regardless of data type with Bluetooth devices which are not compatible with SCMS-T.

Precautions for handling the Bluetooth device

Note the following when using the Bluetooth device.

- Note the following to make good connection.
  - Keep the distance between the handset and another Bluetooth device within approximately 10 m with no obstructions in sight. The distance that can make connection may be shorter when there are obstructions between them or depending on the conditions of the surroundings (such as walls or furniture) and the structure of a building. Especially when there is a wall or floor of reinforced concrete between them, they may be unable to connect with each other. Note the above mentioned distance is not guaranteed.

  - Move the handset and another Bluetooth device as far away as possible from home electric appliances, AV devices, OA devices, etc. before connection. The Bluetooth device is liable to be adversely affected by a microwave oven, so move it as far away as possible from the microwave oven while using it. Otherwise, normal connection cannot be performed when electric devices are powered on or Bluetooth devices may cause noises or reception failure on a TV or radio set (TV images may degrade for specific channels of UHF or satellite broadcasting).

  - Move the Bluetooth device to a place that connection is possible when there is a broadcast station or radio near the Bluetooth device, and the handset cannot be connected to the device. Strong radio waves may prevent connection between Bluetooth devices.

  - Wireless connection is available with Bluetooth device put in a bag or pocket. However, lowering of communication speed or noise may result when you are in between the Bluetooth device and the handset.

- Electromagnetic signals from the Bluetooth device may affect the operation of electronic medical equipment. As some cases may result in accident, turn off the handset and other Bluetooth devices in the following place.
  - On trains   ■ On airplanes   ■ In hospitals
  - Nearby automatic doors or fire alarms
  - In places such as gas stations where flammable gas is generated

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

Bluetooth settings

- Set after enabling Bluetooth function.
- To register/connect a Bluetooth device, the Bluetooth passkey may need to be entered. Before starting the registration, decide the 1- to 16-digit number. Enter the same number on the handset and the other party's Bluetooth device.

1 **In the home screen, [☺] ▶ [Settings] ▶ [Wireless & networks] ▶ [Bluetooth settings]**

2 **Select an item**
   - Bluetooth: Enable Bluetooth function.
   - Device name: Change the handset's name.
   - Discoverable: Set whether to receive a search request from other Bluetooth devices.
   - Discoverable timeout: Set the time that can receive a search request.
     ・Enable Discoverable in advance.
   - aptX: Set whether to use aptX™.
   - Detailed Bluetooth Settings: Set Bluetooth function.

- Scan for devices: Search for the Bluetooth devices around the handset and register them in it. Depending on Bluetooth device, it may start connecting after completing registration.
  ・Set the other party's Bluetooth device to the registration stand-by status in advance.
  - Touch a paired Bluetooth device for a while ▶ [Options⋯] to change the connection type.

- If you fail to connect, connection may become available after re-registration of Bluetooth devices.

[Bluetooth]
- When the Bluetooth function is enabled, the handset is set to receive a registration request/connection request from other Bluetooth devices. Enable Discoverable 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 strength etc.

[Discoverable]
- Setting is disabled automatically when the period of time set for Discoverable timeout passed after enabling.

[Scan for devices]
- 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 **[Pair]**
   • Entering the Bluetooth passkey may be necessary depending on the other party's Bluetooth device.
   • The request confirmation screen of Bluetooth connection may be displayed.

Disabling registration of Bluetooth device

1 **In the Bluetooth setting screen, touch the Bluetooth device to disable the registration for a while ▶ [Unpair]/[Disconnect & unpair]**

Disabling connection of Bluetooth device

1 **In the Bluetooth setting screen, select the Bluetooth device to disable the connection ▶ [OK]**

Sending and receiving by Bluetooth

● Insert a microSD Card in advance. However, sending just single data may not require the microSD Card.

Sending data
Example: Still picture

1 **In the home screen, [⊙] ▶ [Contents Manager]**

2 **Touch a still picture for a while ▶ [Share] ▶ [Bluetooth]**
   • Set the receiving Bluetooth device to receive data.

3 **Select a Bluetooth device to connect to**

Receiving data

1 **Send data from the sender's Bluetooth device**

2 **Touch the status bar ▶ select data to receive ▶ [Accept]**

3 **Touch the status bar ▶ select data to receive**

● Note that if you select [Delete all before registration] at receiving all data, all data registered to the target function are deleted.

● Some data cannot be received all.

- When available memory space in the save destination becomes insufficient, the data being received to that point are saved and receiving ends.

External connector device

Connecting the handset and PC

1 **Insert the handset side connector of the microUSB cable for PC (sample) horizontally into the external connector terminal on the handset (❶)**

2 **Insert the PC side connector of the microUSB cable for PC horizontally into the USB connector on the PC (❷)**
   - For details on setting USB connection mode ☞P. 84

Keep side with the characters ❶ up

❷

microUSB cable for PC

Open external connector terminal cover
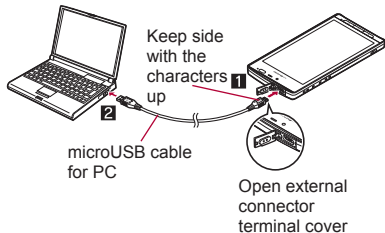
- Use a USB cable "microUSB cable for PC". USB cables for PC are not available, since the connector shape is different.
- The use of a USB HUB may not work correctly.
- Do not remove the microUSB cable for PC while exchanging data with PC. Data may be damaged.
- Windows XP, Windows Vista and Windows 7 all of which are Japanese version are available OS for the connection.

microSD reader/writer

- Insert a microSD Card in advance.

1 **Connect the handset to a PC via the microUSB cable for PC**
   - If the PC software installer screen appears, select [Skip].
   - The USB mass storage screen appears. If the screen does not appear, touch the status bar and select [USB connected].

2 **[Turn on USB storage.] ▶ [OK]**

3 **Use as a microSD reader/writer**

4 **Perform secure hardware removal after use**

5 **[Turn off USB storage.]**

6 **Disconnect the microUSB cable for PC from the handset**

- While using as a microSD reader/writer, Offline(airplane) mode is enabled.

- While using as a microSD reader/writer, microSD Card cannot be used by other applications. In addition, microSD Card may not be used as a microSD reader/writer while it is used by other applications.

Transferring data

Transfer music data, videos, and still pictures from a PC to a microSD Card.

- Playing copyrighted data is only possible with the handset used for transfer from a PC. Some data may not be played due to copyright.
- Data saved on devices other than SH-06D cannot be played even if they are data without copyright.

1 **Activate Windows Media Player 11/12 on a PC**

2 **Connect the handset to the PC via the microUSB cable for PC**

3 **Set the USB connection mode (☞P. 84) to [MTP mode] and activate MTP application**

4 **Add data to be saved to the synchronization list in Windows Media Player 11/12 and start synchronization**

5 **Exit the MTP application after transfer**

6 **Disconnect the microUSB cable for PC from the handset**

- While activating MTP application, Offline(airplane) mode is enabled.
- The old data is overwritten if the new data, whose name is the same as old one in its first to 64th characters (including extensions), is transferred.
- The license information of copyrighted data is saved on the microSD Card. If you perform removing the microSD Card, deleting a license information data or Reset all, the transferred data cannot be played.

Using MediaJet

Install MediaJet on a PC to synchronize music data/moving pictures/still pictures on the handset and the PC.

Installing MediaJet

- Enable PC software installer in advance (☞P. 84).

1 **Connect the handset to a PC via the microUSB cable for PC**

2 **[Install]**
   - The installation will start. Follow the instructions on the screen after step 2.

Transferring data by MediaJet

1 **Activate MediaJet on a PC**

2 **Connect the handset to the PC via the microUSB cable for PC**
   - If the PC software installer screen appears, select [Skip].
   - The USB mass storage screen appears. If the screen does not appear, touch the status bar and select [USB connected].

3 **[Turn on USB storage.]** ▶ **[OK]**

4 **Use MediaJet**

5 **Perform device removal by MediaJet after use**

6 **[Turn off USB storage.]**

7 **Disconnect the microUSB cable for PC from the handset**

Cooperating with Blu-ray Disc recorder

Transfer the videos that are recorded on Blu-ray Disc recorder to a microSD Card and play them.

● Connect Blu-ray Disc recorder to the handset using the microUSB cable for PC (sample) to transfer videos. Connect to Blu-ray Disc recorder and set the USB connection mode (☞P. 84) to [Card reader mode]. Connection method is the same as for connecting the handset with PC or other devices (☞P. 112). For details on transferring videos, refer to the manuals of the Blu-ray Disc recorder.

● Refer to DOCOMO website for compatible models.

● If you transfer videos, the number of videos which can be saved on a microSD Card decreases.

● Display the home screen when connecting Blu-ray Disc recorder to the handset using microUSB cable for PC.

Home network settings

Using Wi-Fi connection, you can watch the still pictures and the moving pictures and listen to the music data of the handset or a microSD Card with TV compliant to the home network.

● You can make public the following data managed by Contents Manager.

Data type	File format
Still picture[1]	JPEG
Moving picture	MP4, 3GP (Video codecs: H.264, Audio codecs: aac)
Music data[2]	MP3, LPCM (44.1 kHz/2ch), WAV (44.1 kHz/2ch)

[1] Still pictures whose image size is larger than "4096×4096" cannot be displayed.

[2] WAV files can be played only when their data format is LPCM. Also, LPCM is not displayed on the handset.

・You may not make data public when the number of each data exceeds 1,000.

● Store the data to make public in the following folders on a microSD Card in advance.

Data type	Folder location
Still picture	¥DCIM, ¥PRIVATE¥SHARP¥CM¥PICTURE
Moving picture	¥DCIM, ¥PRIVATE¥SHARP¥CM¥MOVIE
Music data	¥PRIVATE¥SHARP¥CM¥MUSIC, ¥PRIVATE¥SHARP¥CM¥SOUND

● Set up the Wi-Fi connection before using the home network server. For details on Wi-Fi settings ☞P. 42

- Refer to the following website for types of TV compliant to connection with the handset.
http://k-tai.sharp.co.jp/support/d/sh-06d/peripherals.html#!/dlna (in Japanese only)
- For the operation method of connecting to the handset from TV compliant to the home network, refer to the manual of TV compliant to the home network.
- Connection may not be made properly or may be canceled while in use depending on wireless LAN access points or using condition. In this case, disable the home network server and then enable it once again.
- Check the following when you cannot connect properly.
  - Access point setting
  - Wi-Fi connecting condition
  - Network setting of the home network compatible device to connect
  - Security software/Firewall setting of the home network compatible device
  - Home network settings of the handset

1 **In the home screen, [⊕] ▶ [Settings] ▶ [Wireless & networks] ▶ [Home network settings]**

2 **Select an item**
  - Home network server: Enable home network server.
  - Wi-Fi for home NW server: Set the network to be used from the access points set for Wi-Fi connection.
  - Home network server name: Register the home network server name to be displayed on TV compliant to the home network.

VPN (Virtual Private Network)

Adding VPN

VPN (Virtual Private Network) is a connection method to prepare and connect safely to a virtual dedicated line on the network at home or in the office from outside the home, office, etc.
- Acquire information about the security from network administrators to set VPN connection from the handset.
- PPTP is not available when ISP is set to sp-mode.

1 **In the home screen, [⊕] ▶ [Settings] ▶ [Wireless & networks] ▶ [VPN settings] ▶ [Add VPN]**

2 **Select the type of the VPN**

3 **Set the VPN ▶ [☰] ▶ [Save]**

Connecting VPN

1 **In the home screen, [⊕] ▶ [Settings] ▶ [Wireless & networks] ▶ [VPN settings]**

2 **Select the VPN to connect to**

3 **Enter connecting information of the VPN ▶ [Connect]**

Disconnecting VPN

1 **Touch the status bar ▶ touch the notification of VPN connection**

2 **Select the connected VPN**

Applications

Camera

Before using camera

- Fingerprints or oil on the lens may cause the image to be out of focus. In addition, images may blur, rays of light may appear in images when shot near a strong light source, etc. Wipe the lens with a soft cloth before shooting images.
- You cannot shoot when battery level is insufficient. Images may appear dark, distorted, etc. when shot with insufficient battery power even while the handset is charging. When you use the camera, charge the battery enough in advance.
- Although the cameras are made with high-precision technology, some pixels or lines look constantly dark or bright. Further, white lines and other noise may appear in images especially when shooting images in dimly lit surroundings.
- The quality of images may deteriorate when shot or saved after the handset has been left in a warm location for a long time.
- If the camera lens is exposed to direct sunlight for a long time, the internal color filter may discolor, creating a discoloration of shot images.
- Images shot in shooting conditions which include strong light source such as the sun or a lamp may appear dark, distorted, etc.
- Shooting the sun directly may damage the performance of the CMOS.

- In the following cases, the handset may become warm and the camera may end. This is not a malfunction.
  - When shooting still pictures continuously
  - When shooting long moving pictures
  - When activating the camera for a long time
  Use the camera again after a while.
- When Focus settings are switched, sounds may be heard from the camera lens. This is not a malfunction.
- Images are blurred when the handset moves while shooting images. Hold securely to prevent blurring. Use the shake reducing function when shooting still pictures.
- The color and brightness of the subject in images shot with the camera may differ from the actual color and brightness.
- Make sure that your fingers, hair and handset strap do not obscure the camera lens when shooting images.
- Because a larger picture size requires more data, movement in the image on the handset display may appear slow.
- Indoor fluorescent lighting may create flickering, streaky shading on the screen, etc. This flickering or shading may be reduced by changing the lighting conditions and brightness or adjusting the camera brightness and white balance.
- Shot still pictures are saved in DCF1.0 (ExifVer.2.3, JPEG) format.
- The camera is not available while using 1Seg or Mobacas.

Copyrights and rights of portrait

Images and audio recorded with the handset are for personal use and may not be used for any other purposes without the consent of the rightful person in accordance with copyright laws. Please note that acts such as the use or defacement of the likeness or name of other individuals without their consent may infringe on an individual's rights of portrait. Please be aware of copyrights and rights of portrait when posting images and audio recorded with the handset on the Internet or similar media. The recording of images or audio may be restricted at concerts, performances and exhibits even when recorded for personal use. Do not use the handset to send copyrighted images for uses other than those permitted under copyright laws.

If you cause the public any trouble using the handset, you may be punished under law or regulations (for example, nuisance prevention ordinance).

> **Please be considerate of the privacy of individuals around you when shooting and sending pictures using camera-enabled mobile phones.**

■ Performance while using camera

- Shooting lamp flashes in each camera mode.
- In each camera mode, if no operations are performed for approximately 3 minutes, the camera mode automatically ends. Unsaved data is saved and the scan result is deleted.
- In each camera mode, the mobile light cannot be on after lighting on for 3 minutes in total. End each camera mode and reactivate it to put the mobile light on.
- The shutter sound volume cannot be changed.

■ Picture size and magnification of camera

Vertical display

- The following picture size and magnification are available.

	Picture size	Maximum magnification (zoom step)
Shoot still picture	VGA: 480×640	Approx. 5.1× (14 steps)
	HD: 720×1280	Approx. 1.1× (3 steps)
	2M: 1200×1600	Approx. 1.9× (7 steps)
	FullHD: 1080×1920	Approx. 1.1× (3 steps)
	8M: 2448×3264*	Approx. 1.4× (5 steps)

* If you use zoom, the suitable picture size is automatically selected.

Horizontal display

- The following picture size and magnification are available.

	Picture size	Maximum magnification (zoom step)
Shoot still picture	VGA: 640×480	Approx. 5.1× (14 steps)
	HD: 1280×720	Approx. 1.1× (3 steps)
	2M: 1600×1200	Approx. 1.9× (7 steps)
	FullHD: 1920×1080	Approx. 1.1× (3 steps)
	8M: 3264×2448*	Approx. 1.4× (5 steps)

	Picture size	Maximum magnification (zoom step)
Shoot moving picture	HD: 1280×720	–
	VGA: 640×480	Approx. 5.1× (14 steps)
	QVGA: 320×240	Approx. 10.2× (17 steps)

* If you use zoom, the suitable picture size is automatically selected.

■ Shooting screen layout

Still picture shooting screen

Moving picture shooting screen

1 **Scene settings**
● Set the shooting mode.

2 **Picture size**
● Set the picture size.

3 **Focus settings**
● Set the focus.

4 **Self-timer**
● Set the self-timer.

5 **Various settings**
● Set various settings for shooting.

6 **Thumbnail**
● Appears when a shot still/moving picture is saved. Touch to display the shot still/moving picture.

7 **Shutter**

8 **Switching Camera/Video camera**
● Switch the camera mode to Camera/Video camera.

9 **Fix camera shake**

10 **Automatic current location adding setting**

11 **Blog mode**

12 **Remaining number/time for shooting pictures**
● Even after shooting a still/moving picture, remaining number/time for shooting pictures may not be changed.

13 **Mobile light**
● Switch ON/OFF of the mobile light.

Camera

Shoot a still picture.

1 In the home screen, [⊖] ▶ [Camera]

- When the confirmation screen about location information appears, check the content and select [Agree]/[Disagree].
- To adjust the brightness: Slide your finger up/down
- Zoom: Slide your finger to the left/right
- Focus lock: Touch the subject
  ・ Touch anywhere other than focus frame to cancel the focus lock.

2 [■]

- The shutter sounds.
- If Auto Save (☞P. 119) is set to [ON], this operation is completed.

3 [Save]

Shooting 3D picture

Shoot a 3D still picture.

1 In the still picture shooting screen, [✎] ▶ [Switch camera] ▶ [Camera(3D)]

- To adjust the brightness: Slide your finger up/down
- Zoom: Slide your finger to the left/right
- Focus lock: Touch the subject
  ・ Touch anywhere other than focus frame to cancel the focus lock.

2 [■]

- The shutter sounds.

3 Move the handset to the right

- Move the handset slowly and horizontally.
- The shooting will be completed when the indicator reaches the right edge, and the shot 3D still picture will be saved automatically.

Video camera

Shoot a moving picture.

1 In the home screen, [⊖] ▶ [Camera] ▶ [✎] ▶ [Switch camera] ▶ [Video Camera]

- To adjust the brightness: Slide your finger up/down
- Zoom: Slide your finger to the left/right

2 [▭]

- Shooting starts after the shooting start sound is heard.

3 [▢] to end shooting

- After the shooting end sound, the shooting stops.
- When Auto Save (☞P. 119) is set to [ON], this operation is completed.

4 [Save]

- The remaining time indicator is an approximation. Shooting may continue longer than the remaining time indicated before the start of shooting or may automatically stop even when there is remaining time.
- The remaining time indicator changes according to the available space on the microSD Card and battery level.

Auto save settings

Set whether you save a shot still picture or a shot moving picture automatically.

1 In the still picture shooting screen, [✎] ▶ [Save Settings] ▶ [Auto Save]

- When the video camera is on: In the moving picture shooting screen, [✎] ▶ [Auto Save]

2 Select the setting

Applications 119

Camera reader

Barcode reader

You can use the camera to scan bar codes (JAN/QR codes), and perform various operations according to the contents of scanned item.

JAN code

● JAN code is a type of bar code using vertical bars of varying width to express numbers.
● JAN8 and JAN13 can be read.

QR code

● QR code is a type of two-dimensional code expressing data vertically and horizontally.

1 In the home screen, [⊙] ▶ [Camera Reader] ▶ [Switch reader] ▶ [Barcode]

* To adjust the brightness: Slide your finger up/down

2 Scan the bar code

* The Barcode reader screen appears and scanning starts. Display bar code to be scanned in the center of the screen.
* Position the camera approximately 10 cm right away from the bar code. Keep aligned and do not move the handset or code while scanning.
* When scanning is complete, an end tone sounds and the scan result screen appears.

Split data

* Some QR codes are consisted of single data by scanning split multiple data (up to 16). Repeat until all split data is scanned and the scan results appear.

3 Use the scan result

* When you have scanned a phone number, URL or mail address, touch the scan result to use it.
* To register the scan result: [≡] ▶ [Entry data]
  · In the barcode reader screen, [≡] ▶ [Confirm data] ▶ select data to confirm the registered scan result.
* To copy the scan result: [≡] ▶ [Copy All]

● Some bar codes cannot be scanned depending on types or sizes.

● Bar codes may not be scanned due to scratches, dirt, damage, poor print quality, lighting conditions or QR code version.

Business card reader

You can scan information such as name or phone number from a business card (Japanese/English) with the camera and save it to the phonebook.

1 In the home screen, [⊙] ▶ [Camera Reader] ▶ [Switch reader] ▶ [Card]

* To adjust the brightness: Slide your finger up/down

2 Display a business card in the center of the screen ▶ [Read]

* The shutter sounds.
* Hold the handset securely to fit the entire business card with the frame displayed on the screen. Make sure that no other objects, especially text-written objects, are displayed on the screen.
* Keep the camera approximately 10 cm away from the business card.

- For scanning, the direction of the business card can be either vertical or horizontal on the screen. Do not place the card obliquely.

3 **[Recognition]**

4 **[Add to Address book]**
- To copy the scan result: ⌨ ▶ [Copy All]

5 **Select an account to register**
- The shot card images are automatically saved.

6 **[No]**
- To edit the registered phonebook: [Yes] ▶ edit the phonebook

● Some business cards cannot be scanned or recognized properly.

Kanji/English Grabber

You can scan kanji and English words with camera and display readings or meanings. You can also search the scanned characters in dictionaries.

- The readings or meanings displayed in Kanji/ English Grabber is based on "明鏡国語辞典MX" and "ジーニアス英和辞典MX".

1 **In the home screen, [☺] ▶ [Camera Reader] ▶ [Switch reader] ▶ [Kanji/ English]**
- To adjust the brightness: Slide your finger up/down

2 **Display the characters to scan in the loupe frame of the screen**
- The scan results and readings or meanings appear in a speech bubble.

- Up to two readings or meanings appear. [🗺] appears when three or more.
- To search the scanned characters in dictionaries: While displaying the scan results, [Select] ▶ [Dictionary] ▶ search in dictionaries
- To search the scanned characters using Google search: While displaying the scan results, [Select] ▶ [Search]

● The scan results are not saved.

● The characters may not be scanned correctly due to scratches, dirt, lighting conditions or text size.

● The following e-dictionaries are preset on the handset (Part of the dictionary may differ from printed version due to computerization).

■ 明鏡国語辞典MX
Containing approximately 58,000 words centered around frequently used modern language.

■ ジーニアス英和辞典MX
An English-Japanese dictionary, which is convenient for English conversation, reading newspapers and novels. Containing approximately 89,000 words.

■ ジーニアス和英辞典MX
A full-fledged words Japanese-English dictionary contains approximately 69,000 words centered around modern language.

("明鏡国語辞典MX" ©KITAHARA Yasuo & Taishukan, 2009, "ジーニアス英和辞典MX" "ジーニアス和英辞典MX" ©KONISHI Tomoshichi, MINAMIDE Kosei & Taishukan, 2009)

● The Internet dictionary "百科事典" is available by default.

Text reader

You can scan an article of newspaper, magazines, etc. by using the camera, and perform various operations.

1 **In the home screen, [☺] ▶ [Camera Reader] ▶ [Switch reader] ▶ [Text]**
   • To adjust the brightness: Slide your finger up/down

2 **Display the text to scan in the screen ▶ [Shoot]**
   • The shutter sounds.

3 **Point the cursor to the line to scan with [▲]/[▼] ▶ [Read]**
   • When letters written in vertical direction are recognized: [◀]/[▶]
   • The line to which the cursor is pointed is displayed in light blue frame.

4 **[OK]**
   • To change scanning mode: [≡] ▶ select a mode

5 **Use the scan results**
   • To copy the scan results: [Copy All]
   • Touch the scan results to use after scanning phone numbers, URLs and mail addresses.
   • To scan characters continuously: [≡] ▶ [Read next] ▶ scan characters
   • To scan characters additionally: [≡] ▶ [Read more] ▶ scan characters
   • To search in dictionaries: [≡] ▶ [Search dictionary] ▶ select an application ▶ search in dictionaries
   • To edit the scan results: [≡] ▶ [Edit] ▶ edit the characters

• Text may not be scanned correctly due to scratches, dirt, damage, poor print quality, lighting conditions or text size.

Information reader

You can scan information such as store name or phone number from a magazine, etc. by using the camera, and save it to the phonebook.

1 **In the home screen, [☺] ▶ [Camera Reader] ▶ [Switch reader] ▶ [Info.]**
   • To adjust the brightness: Slide your finger up/down

2 **Display information in the center of the screen ▶ [Read]**
   • The shutter sounds.
   • Hold the handset securely to fit necessary information in the screen. However, if the text gets too small, display a phone number or address largely enough to be scanned.
   • Keep the camera approximately 10 cm away from necessary information.

3 **[Recognition]**

4 **[Add to Address book]**
   • To copy the scan results: [≡] ▶ [Copy All]

5 **Select an account to register**
   • The shot images are automatically saved.

6 **[No]**
   • To edit the registered phonebook: [Yes] ▶ edit the phonebook

• Some information cannot be scanned or recognized properly depending on the description of magazine, etc.

Picture (3D-capable)

You can sort images and moving pictures by people, event and location and use them.

1 In the home screen, [☉] ▶ [Picture (3D-capable)]

2 Select a category
- To switch folder-by-folder display/data list display: [ALL] ▶ [📁]/[▦]

3 Select data
- [3D] appears on 3D data.

4 Confirm the data
- To start slideshow: [🎞]
- To switch 3D/2D display: [3D]/[2D]
- To set the stereoscopic effect of 3D display: [▣] ▶ drag the slider to the left/right

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- If the file is not displayed, the file may be displayed correctly by deleting a database file of Picture (3D-capable). Connect the handset with a microSD Card inserted to a PC using microUSB cable for PC (sample) and delete ¥PRIVATE¥SHARP¥PM¥DATABASE folder on the microSD Card to use. If you delete the database file, created information of people etc. are also deleted. Take extra precautions and check when deleting.

- If you have any database file of previously created Picture (3D-capable), a confirmation screen for converting the database file appears. If you convert the database file, the database file created with SH-06D will be deleted.

Sorting data

You can sort images and moving pictures by created category.

Sorting by people

1 In the picture (3D-capable) screen, [Portrait]

2 [Create new]
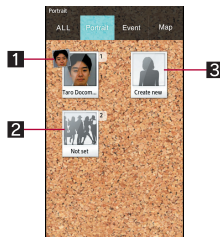
1 **Category of data already set**

2 **Not set**
- Display data not categorized. You can create new categories or sort the data into created categories.

3 **Create new**
- Create a new category.

3 Select data to classify

4 Select the cutout range ▶ [OK]
- Drag the orange frame border to enlarge/narrow the frame.

5 [Input new portrait.] ▶ enter person's name ▶ [OK]

- Select [Set from address book] to select and enter the person's name from the phonebook.

6 Touch the data to classify for a while ▶ drag the data to the category

Sorting by event

1 In the picture (3D-capable) screen, [Event]

2 [≡] ▶ [Create new event]

3 Select data to classify

4 [Input new event.] ▶ enter an event name ▶ [OK]

- Select [Enter date] to enter the date in the event name.

5 Touch the data to classify for a while ▶ drag the data to the category

Sorting by location

- The data with location information attached is sorted on a map automatically.

1 In the picture (3D-capable) screen, [Map]

2 [≡] ▶ [Location settings]

3 Touch the data to classify for a while ▶ drag the data to the point to register ▶ [OK]

Music player

Play music data and playlist saved on a microSD Card. In addition, playing music in the background is available while using mail, browser, etc.

- The following file formats of music data can be played.
  AAC LC/LTP (.3gp, .mp4, .m4a, .isma), HE-AACv1 (AAC+), HE-AACv2 (enhanced AAC+), AMR-NB (.3gp), AMR-WB (.3gp), MP3 (.mp3), MIDI (.mid, .imy, .rtttl, .rtx, .ota), Ogg Vorbis (.ogg), PCM/WAVE (.wav), WMA (.wma, .pya)
- Add a widget of MusicPlayer in advance (☞P. 55).

1 In the home screen, touch the jacket image of the widget

2 Select data

- To adjust the volume of play sound: ⌷/⌷
- To set as ring tone: Touch a music data for a while ▶ [Use as ringtone]
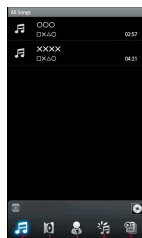
1 Display all music list

2 **Display music by album**
3 **Display music by artist**
4 **Display music by genre**
5 **Display playlist**

3 **Listen to the music**
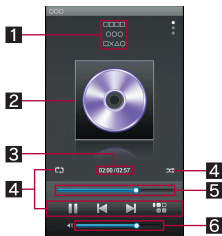
1 **Album title/Title/Artist's name/Genre**

2 **Jacket image**
 ● To switch the display: Flick your finger up/down

3 **Play time/Total time**

4 **Operation panel**
 ● The following operations are available with displayed keys.
   ・ To play previous/next data: [◁]*1/[▷]
   ・ To play/pause the data: [▷]/[▯▯]
   ・ To display music list screen: [°8°]
   ・ To repeat the data: [⟳]*2
   ・ To shuffle the data: [⤨]
   *1 Return to beginning of the song if the playback time is 1 second or more.
   *2 When [①] is superimposed, repeat only one song.

5 **Seek bar**
 ● Drag the seek bar to change the playback position.

6 **Volume bar**

Managing playlists

Creating playlists

1 **In the data list screen, [🖺] ▶ [New Playlist]**
2 **Enter a playlist name ▶ [OK]**
3 **Select the created playlist**
4 **[Add] ▶ select a music data ▶ [Apply]**

Sorting music data

1 **In the data list screen, [🖺] ▶ select a playlist**
2 **Touch a music data for a while ▶ [Move up]/[Move down]**

Renaming playlists

1 **In the data list screen, [🖺] ▶ touch a playlist for a while ▶ [Rename]**
2 **Enter a playlist name ▶ [OK]**

Deleting music data in a playlist

1 **In the data list screen, [🖺] ▶ select a playlist**
2 **[Remove] ▶ select a music data ▶ [Apply]**

Deleting playlists

1 In the data list screen, [▤] ▶ touch a playlist for a while ▶ [Delete] ▶ [Delete]

Market

By using Android Market, you can access useful applications or fun games directly, that can be downloaded and installed to the handset.

● Set up a Google account in advance (☞P. 44).
● Enable Background data (☞P. 89) in advance.

1 In the home screen, [⊙] ▶ [Market]

- When you use this for the first time, you need to agree with "Android Market Terms of Service" and "Youtube Rentals Terms of Service".
- To display Help: [≡] ▶ [Help]

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

Purchasing application

● When downloading a charged application, you need to create a Google Checkout account to purchase the application.

1 In the Android Market screen, select an application to purchase

2 Touch the price

- Follow the instructions on the screen and operate after step 2.
- When the application is free: [Install]/ [Download] ▶ [Accept & download]
- If you make a purchase for the first time, sign in Google Checkout payment and billing service.
- You can ask for a refund within a specified time after the purchase of application. The application is deleted and you are not charged. In addition, note that a refund request is available for each application only once. If you requested a refund for the purchased application in the past and purchase the same application again, a second refund request is not available. In the Android Market screen, [≡] ▶ [Help] ▶ [Android Apps] ▶ each item of [Buying apps] for details on the payment method when purchasing an application, the terms on the refund request, etc.

- Once you accept the installation of application, you are responsible for the results of using the application. Be very cautious about installation of applications that have access to many functions or a significant amount of data.
- You pay for the application only once. Re-downloading applications which you previously uninstalled after first downloading will not be charged.
- If you have multiple Android devices that use the same Google account, you can download the purchased application to all of them at no additional cost.
- DOCOMO holds no responsibility for responding to purchase applications and get refund from the Android Market.

Uninstalling applications

1 **In the Android Market screen,**
   ⌘ ▶ [My Apps]

2 **Select an application to uninstall ▶**
   [Uninstall] ▶ [OK]

GPS/Navigation

Using GPS function

- GPS is a function to retrieve location information of the handset by receiving radio wave from GPS satellites. Enable location information services ([Use wireless networks] or [Use GPS satellites]) to measure the present location (☞P. 85).
- You cannot use the handset as a navigation system for professional use of aircrafts, vehicles, person, etc. or surveying GPS of high accuracy. Note that DOCOMO shall not be liable for the pure economic loss caused by using the GPS for these purposes or other purposes such as you cannot confirm the positioning (communication) result due to handset failure, malfunction or external factors such as power failure (including battery exhaustion).
- GPS is a service administered by Department of Defense of USA. Therefore, GPS radio wave condition may be controlled (accuracy degradation, radio wave abort, etc.) for US national security reasons. In addition, the same results may not be retrieved even when positioned in the same location and environment, since the radio wave conditions change depending on the location of the GPS satellites.

- Note that GPS uses the radio waves from satellites, therefore the following conditions may cause the radio waves to abort or have difficulty to receive resulting in an error of 300 m or more for location information.
  - In or under densely trees, in density area with buildings or residence
  - In or under buildings
  - In a basement, tunnel, underground or underwater
  - Near high-tension line
  - Inside cars or trains
  - In bad weather with heavy rain/snow
  - In bags or boxes
  - When people or objects are blocking the handset
  - When hands are covering the camera, 1Seg/Mobacas antenna, earpiece or proximity sensor of the handset
- When using a GPS function overseas, the displayed map based on the acquired location information (latitude and longitude information) may not be accurate because of the legal system in each country and the area.
- Packet communication charges may be incurred, since assist data such as satellite information is automatically retrieved when you position present location.
- Packet communication charges are incurred when you display a map based on the location information.

Maps

You can measure your present location, and use the navigation function to check how to get to your destination in detail.

- It is necessary to enable location information services ([Use wireless networks] or [Use GPS satellites]) to measure the present location (☞P. 85).

1 **In the home screen, [⊖] ▶ [Maps]**

2 **Use the maps**
  - To rotate the screen: Rotate with your two fingers
  - To display sterically: Slide up/down with your two fingers
  - To zoom out/in: [−]/[+]
  - To activate Places: [♥]
  - To use layer: [≋] ▶ select an item
  - To measure present location: [◈]

Street view

1 **In the map screen, touch any place for a while**

2 **Touch the speech bubble ▶ [⬆]**
  - To change a displayed direction: Slide your finger to the left, right, up or down
  - To move a displayed place: Drag [🚶] to the destination
  - Compass mode: ☰ ▶ [Compass mode]

- Some areas are not supported by Street view. If not supported, [⬆ (grey)] is displayed.
- When Compass mode is used, the geomagnetic compass of the handset and the direction displayed by Street view are associated with each other.

▮ Searching place

1 In the map screen, [≡] ▶ [Search]

2 Enter a name of place to be searched

   • You can search by entering an address, a name of place or facility, etc.

3 [Q]

   • Search results are displayed on the map with a marker.
   • If there are more than two search results, touch [▤] to display the search results as a list.

4 Touch a marker ▶ touch the speech bubble

▮ Searching directions

1 In the map screen, [≡] ▶ [Directions]

2 Touch the search box above ▶ enter a start point

3 Touch the search box below ▶ enter an end point

4 Select transportation ▶ [Get directions]

5 Use the search result

   • Select a route to take if multiple routes are displayed.
   • To display the map: [🚏]
   • To activate Navigation: [▲]

Navigation

You can search for a route from the present location to the destination.

   • It is necessary to enable location information service ([Use GPS satellites]) to measure the present location (☞P. 85).

1 In the home screen, [◉] ▶ [Navigation]

   • When the confirmation screen of Navigation appears, check the content and select [Accept].

2 Select an item

   ■ Speak Destination: Search for the destination using the voice input.
   ■ Type Destination: Search for the destination by entering characters.
   ■ Contacts: Search for an address registered in phonebook.
   ■ Starred Places: Search for a starred location on the map.

Places

You can search for facilities near your present location according to genre.

   • It is necessary to enable location information services ([Use wireless networks] or [Use GPS satellites]) to measure the present location (☞P. 85).

1 In the home screen, [◉] ▶ [Places]

2 Select a genre of facilities you want to search

3 Select the intended facility

Latitude

You can share present locations with your friends on the map and share status messages.

- It is necessary to enable location information services ([Use wireless networks] or [Use GPS satellites]) to measure the present location (☞P. 85).
- The location information is not shared automatically. You need to invite your friends to provide your location information or you need to be invited by your friends.
- For details on Latitude, refer to Help. In the home screen, [◎] ▶ [Latitude] ▶ [Map view] ▶ [☰] ▶ [More] ▶ [Help] ▶ [How to] ▶ [Latitude]

1 **In the home screen, [◎] ▶ [Latitude]**

地図アプリ (Map appli)

地図アプリ (Map appli) supports your travel via functions such as maps, searching shops and facilities, navigation, changing public transportations and visited towns.

- It is necessary to enable location information services ([Use GPS satellites] or [Use wireless networks] when using Wi-Fi function) to measure the present location (☞P. 85).

1 **In the home screen, [◎] ▶ [地図アプリ] (Map appli)**

Talk

Google Talk is an online instant message service provided by Google. You can communicate with other people having Google account using chat (talk using characters), video chat and voice chat.

1 **In the home screen, [◎] ▶ [Talk]**

2 **Select a person**
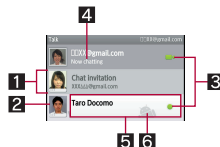
1 Chat invitation
- Appears when you have invitations.
- Touch it to accept, cancel or block the invitation.

2 Image
- An image registered by other party is displayed. Touch the image to select and use an application corresponding to the registered contents of the phonebook. When the other party is not registered in the phonebook, touch the image to register the other party in the phonebook.

3 Status icon
- Display online status.
- When [Allow video and voice chats] is enabled, touch it to start video chat.

4 Status message
- Display details of your status.

5 **Other party during chat**
6 **Mobile indicator**
   ● Appears when other party logs in from the handset.

3 **Enter a message ▶ [Send]**

Adding people for chat

1 **In the home screen, [☺] ▶ [Talk]**
2 **[≡] ▶ [Add friend]**
3 **Enter other party's mail address ▶ [Send invitation]**

Changing the status icon and status message

1 **In the home screen, [☺] ▶ [Talk]**
2 **Select your account**
3 **Change the status icon/status message**
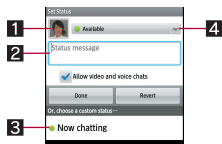
1 **Image**
   ● You can set your own image.
2 **Status message**
3 **Custom status**
4 **Status**
   ● You can set status icon.

4 **[Done]**

1Seg

1Seg is a terrestrial digital TV broadcasting service for mobile devices and can receive data broadcasting with image and voice. In addition, you can acquire more detailed information of a program or enjoy participating in a quiz program or teleshopping.
For details on the "1Seg" service, see the website below.
The Association for Promotion of Digital Broadcasting:
http://www.dpa.or.jp/english/

Using 1Seg

1Seg is a service provided by TV broadcasters (broadcast stations) etc. Communication charges are not incurred for receiving image, voice and sound. Contact NHK for details on viewing fees of NHK.

Available information in the area of the data broadcasting is "data broadcasting" information and "data broadcasting site" information.

"Data broadcasting" information is carried in a broadcast wave, together with image, voice, and sound. "Data broadcasting site" information is used to access sites provided by the TV broadcaster (broadcast station).

Packet communication charges are incurred when accessing a site such as a "data broadcasting site" or others.

Some sites require information charges to use.

About broadcast wave

1Seg is one of the broadcasting services, and the receiving signal (broadcast wave) differs from that of FOMA service. Therefore, it cannot be received at the place where the broadcast wave does not reach or while the broadcasting is out of service, regardless of whether the handset is outside or inside the FOMA service area.

Also, in the following places, the signal status may become weak or the signal may not be received even if the handset is inside the area of a terrestrial digital TV broadcasting service.

■ Place that is far from the tower which sends the broadcasting wave
■ Place where the signal is interrupted due to the landscape or buildings such as mountainous areas or behind a building
■ Place where the signal is weak or does not reach, such as a tunnel, basement or a place in an inner area of a building

To receive in better conditions, fully pull out the 1Seg/Mobacas antenna. In addition, change the direction of antenna or move to another place so that the reception status may become better.
When you use the accompanying Earphone Plug Cable (with Antenna) SH01, change the direction of the cable or keep the handset apart from your body so that the reception status may become better.

About 1Seg/Mobacas antenna
Handset
● Note the following when using the antenna on the handset.
   ■ Fully pull out the antenna on the handset.
   ■ Do not apply excessive force upon the antenna on the handset when it is pulled out or when you change the direction of it.

■ When you fold the antenna on the handset, do not hold its tip and fold it forcibly. Put it in straight until it stops and let it lie on the surface to store.
If you apply excessive force upon the antenna on the handset, it can be damaged.

Hook a finger on the tip of the 1Seg/Mobacas antenna and pull it out.
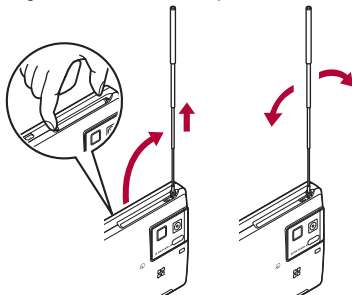
Earphone Plug Cable (with Antenna) SH01
● Alternatively, connect the Earphone Plug Cable (with Antenna) SH01 to use it as the 1Seg/Mobacas antenna. For the connection method for the Earphone Plug Cable (with Antenna) SH01 ☞P. 27

Desktop holder
● Note the followings when you use the antenna on the accompanying desktop holder.
   ■ Connect FOMA AC Adapter 01/02 (sold separately) to the desktop holder.
   ■ Fully pull out the antenna on the desktop holder.

- Do not apply excessive force upon the antenna on the desktop holder when it is pulled out or when you change the direction of it.
- When you fold the antenna on the desktop holder, do not hold its tip and fold it forcibly. Put it in straight until it stops and let it lie on the surface to store.

If you apply excessive force upon the antenna on the desktop holder, it can be damaged.

> Hook a finger on the tip of the 1Seg/Mobacas antenna and pull it out.
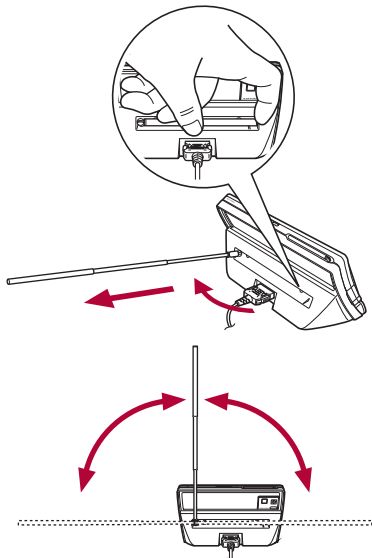
Setting channels

To watch 1Seg, you need to set the channels and select an area with channels set in advance.

- You can register up to ten areas. You can register up to 12 stations in an area.
- Perform channel setting inside the area of a terrestrial digital TV broadcasting service with the 1Seg/Mobacas antenna fully pulled out.

1 In the home screen, [⊖] ▶ [One Seg]

- Only when channels are not set, the channel setting screen appears.
- To add an area: In the 1Seg watching screen, [≡] ▶ [More] ▶ [Channel setting] ▶ [Switch area] ▶ select a number to save ▶ [OK]

2 Select a region

3 Select a prefecture

4 Select a locality

- Searching for broadcast stations starts.

5 [OK]

- You cannot use 1Seg oversea, since the broadcasting format and the broadcasting frequency are different (You can watch 1Seg programs video-recorded on the handset).

1Seg TV

Watch 1Seg.

1 **In the home screen, [☉] ▶ [One Seg] ▶ [One Seg TV]**

2 **Watch 1Seg**
   - To adjust the volume: 🔼/🔽

1 Image
   - Touch the image to display/hide the program information etc. Touch the image twice on vertical display to change the screen size.
   - Flick your finger to the left/right to select a station with UP/DOWN.

2 Caption
   - Captions are not available depending on programs.

3 Data broadcasting
   - You can use a variety of information including still pictures and videos. For example, you can connect sites related to programs, submit your opinion, etc.

4 Operation panel
   - The following operations are available with displayed keys.
     - To select a station with UP/DOWN: [▲]/[▼]*1, 2
     - To start/stop recording: [●]/[■]
     - To display a screen for switching channels: [CH]
     - To activate a program guide: [▣]*3
     - To switch to data broadcasting operation: [♪]*4
     - To cancel to select a station by searching a frequency: [●]
     - *1 Appears on the image part on vertical display.
     - *2 Touch the key for a while to select a station by searching a frequency.
     - *3 Appears only on horizontal display.
     - *4 Appears only on vertical display.
   - The following operations are available with displayed keys while operating data broadcasting.
     - To move the cursor up/down: [△]/[▽]
     - To connect to the data broadcasting site pointed by the cursor: [✓]
     - To return to the previous page of the data broadcasting site: [↩]
     - To switch to 1Seg operation: [TV]
     - To select a corresponding item: [1] to [9], [0], [#], [＊]*
     - * Displayed/Not displayed varies depending on the data broadcasting.

5 Switch 2D/3D display
   - Touch the key to switch 2D/3D display.

- While watching 1Seg, colors in the screen may appear differently.
- Even if the home screen is displayed while watching 1Seg, information of data broadcasting/data broadcasting site may be automatically updated, since 1Seg is kept being activated. Note that packet communication charge may be incurred.
- When you have a phone call while watching 1Seg, resume 1Seg after the call is terminated. While recording 1Seg, recording continues in the background.

Recording 1Seg

Estimated number of saved entries and recording time

	Number of saved entries	Recording time
microSD Card (32 GB)	Up to 99	Up to approx. 9,600 min.

- Up to 2 GB or approximately 600 minutes of video can be recorded for each time. Even if you are using a microSD Card of more than 2 GB and its free space is sufficient, the recording up to that point is saved and recording will be stopped.
- When you run out of free space on microSD Card, recording stops automatically, and the recording up to that point is saved.

1 **In the 1Seg watching screen, [■]**

2 **[■] to stop recording**
   • Recording is stopped and the video is automatically saved.

- Recording of some programs may be prohibited.

- When the time set for recording/viewing arrives while another video is being recorded, the recording/viewing of the latest timer-set video starts. Previous recording up to that point stops, and the video data is saved.
- The handset does not support Dubbing 10.

Playing recorded 1Seg video

Play a recorded video saved on a microSD Card.
- Basic operations in video playback screen are the same as those in 1Seg watching screen. Operations that differ are mainly explained here.

1 **In the home screen, [⊖] ▶ [One Seg] ▶ [One Seg playback]**

2 **Select a video**

3 **Watch the video**

1 Operation panel
   ● The following operations are available with displayed keys.
   ・ To pause/play: [❚❚]/[▶]
   ・ To stop: [■]
   ・ To fast reverse/forward: [◀◀]/[▶▶]*1
   ・ To frame-by-frame reverse/ frame-by-frame forward: [◀❙]/[❙▶]*2

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・ To return to a location of approx. 15 seconds before/skip to a location of approx. 30 seconds later: [◀◀]/[▶▶]*3

*1 Every time you touch it, the speed is increased in stages.
*2 Appears during pause.
*3 Appears only on horizontal display.

● When a video edited (split) by other devices is played, the image or sound may be interrupted.
● While a video is played, the information for the broadcast station from which that video was recorded is displayed.

TV link

You can register memo information and URLs of related sites as TV link in some data broadcasting. If they are registered as TV link, you can check them from the TV link screen.

● You can register up to 50 TV links.
● Procedures for registering TV links differ depending on the program.

1 **In the home screen, [⊖] ▶ [One Seg] ▶ [TV link]**

   ● Display the registered TV link.

2 **Select a TV link**

Deleting TV links

1 **In the home screen, [⊖] ▶ [One Seg] ▶ [TV link]**

2 **Touch a TV link for a while ▶ [Delete] ▶ [Yes]**

Recording/Viewing reservation

You can set a timer for watching or recording 1Seg program. In addition, you can check the reservation status and result.

● You can save up to 50 timer settings for watching or recording 1Seg programs.
● Multiple programs cannot be watched/recorded simultaneously. If the recording period you are about to set overlaps with that of an existing timer-set program, a confirmation screen for registration appears. Check the contents of the message, and then perform registration.

1 **In the home screen, [⊖] ▶ [One Seg] ▶ [Record/reservation watch.]**

   ● Reservation list screen appears.

2 **[≡] ▶ [New reservation] ▶ [Manual] ▶ [Reservation watch]/ [Recording reservation]**

   ● To reserve from program guide: [From TV listing] ▶ reserve

3 **Set each item**

1 **Reservation type**
- Switch Reservation watch/Recording reservation.

2 **Channel**
- Set the channel.

3 **Start date & time**
- Set the start date and time.

4 **End date & time**
- Set the end date and time.

5 **Program**
- Enter the program name.

6 **Repeat**
- Set the repetition of the reservation.

4 [Save]

- Depending on usage of the handset, available memory of microSD Card or the program type, you cannot watch/record the program or recording will be stopped even if it is not finished yet.

1Seg setting

You can set data broadcasting and auto exit time of 1Seg.

1 In the home screen, [☉] ▶ [One Seg] ▶ [Settings]

2 Select an item

- **TV alarm settings**: Set a method to notify the reserved time.
- **Broadcast data settings**: Set data broadcasting.
- **Screen size(Portrait)**: Set the screen size of vertical display.
- **Auto exit time**: Set time to end 1Seg automatically.

■ **Smooth mode**: Set whether to use Smooth mode.

[Broadcast data settings]
- When Connect confirmation setting is disabled, a confirmation screen for data broadcasting does not appear and information of data broadcasting/data broadcasting sites may be updated automatically. Note that packet communication charge may be incurred.

[Auto exit time]
- When the set time for auto exit arrives while recording a video, the display returns to the one before activating 1Seg and the recording continues in the background.

Subtitle and sound setting

You can set subtitles to be displayed or change spoken language while watching 1Seg.

1 In the 1Seg watching screen, [≡] ▶ [Subtitle/sound]

2 Select an item

- **Display subtitles**: Set whether to display subtitles.
- **Subtitle position**: Set the position of subtitles on horizontal display. Appears only on horizontal display.
- **Spoken language**: Set spoken language.

[Display subtitles]
- Subtitles appear depending on programs.
- If [Link to manner mode] is set, subtitles appear when activating 1Seg while the manner mode is set.

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Mobacas

Mobacas is a broadcasting service for Smartphone. You can use two watching styles. One of the two is "Real Time" (broadcasting in real time style) that allows you to watch programs in real time. The other one is "Shift Time" (broadcasting in storage style) that allows you to enjoy comics, novels, music, games, etc. as well as movies and dramas anytime and anywhere. Also, you can enjoy new broadcasting services such as the collaboration with social services using the communication function of the handset.
For details on Mobacas, refer to the Mobacas broadcast station website.
NOTTV: http://www.nottv.jp/ (in Japanese only)

Using Mobacas

- A separate pay-TV subscription to the Mobacas broadcast station (NOTTV) is required to use Mobacas.
- You cannot receive and watch broadcasts without the docomo mini UIM card being attached to the handset.
- Mobacas is a broadcasting service provided in Japan.
- A microSD Card is required to use Shift Time. It is recommended to use a microSD Card on Class 4 or higher level.

Broadcast wave and service area

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

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

Improving reception status

- Fully pull out the 1Seg/Mobacas antenna.
- Change the direction of the 1Seg/Mobacas antenna or move to another place so that the reception status may become better.
- When you put on an earphone to watch Mobacas, it is recommended to use Earphone Plug Cable (with Antenna) SH01.
- When you use Earphone Plug Cable (with Antenna) SH01, change the direction of the cable or keep the handset apart from your body so that the reception status may become better.

1Seg/Mobacas antenna

- For details on using the 1Seg/Mobacas antenna ☞P. 132

Watching programs/contents

1 In the home screen, [⊖] ▶ [NOTTV]

- When you use this for the first time, you must agree with "初回起動時設定" (Settings for the initial activation).
  - ・ Select [同意する] (Agree) to make the initial setting automatically. Make the initial setting under a good communication condition.

2 [すぐ見る] (Watch now)

3 Select a program/content

4 Watch the program/content

- Advanced information appears on the programs/contents which cannot be watched immediately.
- If the title, the seek bar, etc. is set to be hidden, [▲] appears when you touch the image. Touch [▲] to display the title, the seek bar, etc.
- To adjust the volume: 🔼/🔽

Mobacas watching screen
(vertical display)

Mobacas watching screen
(horizontal display)

1 **Image**
- Slide it to the left/right to switch programs/contents.

2 **Social key**
- Displays a timeline related to programs/contents.

3 **Advanced information key**
- Displays advanced information.

- What will be displayed on the Mobacas watching screen varies depending on the program/content.

Searching programs/contents

Searching from program guide

You can watch programs in real time using the program guide.

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

- You can also display programs as a list from the menu.

2 Select a program

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

1 **In the home screen, [⊙]▸ [NOTTV]▸ [すべて] (All)**

2 **Select an item**

3 **Select a program/content**

Receiving reservation

1 **In the home screen, [⊙]▸ [NOTTV]▸ [すべて] (All)**

2 **[コンテンツ予定表] (Contents schedule)**
   • The list of contents that will be broadcast is displayed.

3 **Select a content**
   • The details screen is displayed.

4 **[受信予約する] (Reserve reception)**

● In the following cases, contents may not be received.
   ■ When the time for a content to be broadcast arrives with the handset turned off
   ■ When the battery level is insufficient
   ■ When the handset is out of the Mobacas service area
   ■ When a microSD Card is not inserted
   ■ When available memory space on a microSD Card is insufficient
● Contents that are temporarily saved on a microSD Card is available only on the handset in use.
● Contents whose expiration date has passed will be automatically deleted from the microSD Card. You can also delete contents whose expiration date has not passed yet.

● If you enable 自動受信 (Auto reception) (☞P. 141), contents may be automatically reserved even when you have not reserved ones for the future reception.
● If you enable 自動コンテンツ補完 (Auto contents complement) (☞P. 141), data is automatically complemented using packet communication when contents failed to be completely received because of the reception status of broadcast wave etc.

Setting Mobacas

Display and audio

1 **In the home screen, [⊙]▸ [NOTTV]**

2 **[≡]▸ [設定] (Settings)▸ [表示・音声] (Display and audio)**

3 **Select an item**
   ■ 字幕表示 (Display subtitles): Set whether to display subtitles.
   ■ 文字スーパー表示 (Telop display): Set whether to display telops.
   ■ 音声 (Audio): Set an audio language and main/sub audio channel.
   ■ 明るさ調整 (Brightness adjustment): Adjust the brightness.
   ■ 映像効果 (Image effect): Set effects of the image.

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

1 **In the home screen, [⊕] ▶ [NOTTV]**

2 **[☰] ▶ [設定] (Settings) ▶ [自動処理] (Auto process)**

3 **Select an item**

- 自動受信 (Auto reception): Receive contents automatically.
- おすすめのリセット (Reset recommendation): Reset the information used to automatically receive recommended programs/contents.
- 番組・コンテンツ情報取得 (Acquire program/ content information): Set the time when information of the programs/contents list is acquired via broadcast.
- 自動コンテンツ補完 (Auto contents complement): Set whether to automatically complement data using packet communication when contents failed to be completely received because of the reception status of broadcast wave etc.
- 利用ログ送信 (Send log): Set whether to send logs of watching broadcasting in real time style, playing/using broadcasting in storage style, operations on applications, etc.
- 自動ライセンス取得 (Auto license acquisition): Set whether to automatically acquire licenses of contents.
- ペアレンタルコントロール (Parental control): Restrict usage of programs/contents according to age.

YouTube

YouTube is a free online video streaming service. You can play, search and upload videos.

1 **In the home screen, [⊕] ▶ [YouTube]**

2 **Select a video**

- To display the search box: [🔍]
- To record and upload videos: [📹]
  ・ For uploading videos, sign in with your YouTube account.

Osaifu-Keitai

Osaifu-Keitai is a function which has built-in IC card and allows you to pay, use as coupons or collect stamps by simply holding the handset over the scanning device at stores.
Moreover, you can access sites and web pages by holding the handset over the scanning device, and get the latest coupon, deposit electronic money and check your usage by using communication. In addition, for your secure use, you can lock functions of Osaifu-Keitai when you lost the handset.
For details on Osaifu-Keitai, refer to "ご利用ガイドブック (spモード編)" (Mobile Phone User's Guide [sp-mode]) (in Japanese only).
※ To use Osaifu-Keitai compatible service, settings are necessary on a website or an application.

- The handset malfunctions may cause data (including electronic money, points, etc.) saved in the IC card to be lost or changed (Note that as a rule, you will be asked to delete data when leaving your handset for repairs, etc., since we cannot keep your handset with such data still remaining in it). For the service such as a reissue, restoration, temporary keeping or transfer of the data, contact your provider of Osaifu-Keitai compatible service. Be sure to use the Osaifu-Keitai compatible service including a backup service for important data.
- DOCOMO shall not be liable for any loss or change of data in the IC card or other damages of Osaifu-Keitai service caused by any reason such as malfunctions and upgrading.
- When the handset is stolen or lost, immediately contact your provider of Osaifu-Keitai compatible service for handling methods.

iC transfer service

iC transfer service is a service that enables you to move the data saved in the IC card to new Osaifu-Keitai from the old one when changing Osaifu-Keitai such as by changing models or repairing the handset.
iC transfer service is available at a docomo Shop near you.
For details on iC transfer service, refer to "ご利用ガイドブック (spモード編)" (Mobile Phone User's Guide [sp-mode]) (in Japanese only).

Using Osaifu-Keitai

- To use Osaifu-Keitai compatible services, download the Osaifu-Keitai compatible application from Osaifu-Keitai compatible sites and make the setting. Some services do not need to download the Osaifu-Keitai compatible application.

1 In the home screen, [⊕] ▶ [Osaifu-Keitai]
- If the initial setting is not completed, the initial setting screen appears.

2 Select a service

- You cannot use Osaifu-Keitai in the following situations. However, you can pay by holding the handset over a scanning device.
  - In Offline(airplane) mode
  - When you are charging the handset, connecting a microUSB cable for PC (sample) to it or connecting an earphone/microphone to it while the docomo mini UIM card is not inserted/When the handset has never received radio wave

Holding over scanning device

Hold the ⌒ mark of the handset over the scanning device to use as electronic money or railway tickets, to retrieve ToruCa, etc.
- Pay attention to the following points when holding the ⌒ mark over the scanning device.
  - Do not contact between the handset and the scanning device
  - Hold the ⌒ mark directly above the scanning device

- Slowly hold the 🔁 mark over the center of the scanning device
- If the scanning device does not recognize the built-in IC card, hold the 🔁 mark over the scanning device and move the handset around
- Do not attach a metallic substance on the 🔁 mark side

1 **Hold the 🔁 mark over the scanning device**

🔁 mark
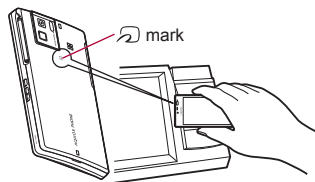
2 **Confirm that the data is scanned**

Osaifu-Keitai lock setting

Lock the function of Osaifu-Keitai.
- Perform the same operation to disable the lock.

1 **In the service list screen, [≡] ▶ [Osaifu-Keitai Lock Setting] ▶ [Next]**

2 **Enter the Lock No. ▶ [OK] ▶ [OK]**

ToruCa

ToruCa is an electronic card that can be imported to the handset. You can retrieve it as store information or a coupon from a scanning device or sites. Retrieved ToruCa is saved in the "ToruCa" application and you can display/ search/update it using the application.
For details on ToruCa, refer to "ご利用ガイド ブック (spモード編)" (Mobile Phone User's Guide [sp-mode]) (in Japanese only).

1 **In the home screen, [⊖] ▶ [ToruCa] ▶ [はい] (Yes)**

2 **[ダウンロード] (Download)**
   - Follow the instructions on the screen and operate after step 2.

- Packet communication charges may be incurred for retrieving, displaying or updating ToruCa.
- ToruCa provided for i-mode terminals may not be retrieved/displayed/updated.
- The following functions may not be used depending on the settings of IP (Information Provider).
  - Retrieving from a scanning device
  - Updating
  - Sharing ToruCa
  - Moving or copying to a microSD Card
  - Displaying a map
- A map may not be displayed from the ToruCa list although it can be from ToruCa (details) depending on the settings of IP.
- When Osaifu-Keitai is locked, you cannot retrieve ToruCa from a scanning device.

- When the duple check is set to "ON", you cannot retrieve the duplicate ToruCa. If you want to retrieve it, set the duple check to "OFF".

- When you send ToruCa through mail, it is sent in the status that the ToruCa (details) has not been retrieved.

- ToruCa received through mail may not be saved depending on the mail application.

- ToruCa may not be retrieved depending on the browser you use.

- When you move or copy ToruCa to microSD Card, it is sent in the status that the ToruCa (details) has not been retrieved.

- If the initial setting of Osaifu-Keitai has not made, ToruCa may not be retrieved from a scanning device.

Clock

WorldClock

Display city time around the world.
- WorldClock can display times for up to ten cities.

1 **In the home screen, [⊙] ▶ [Clock] ▶ [WorldClock]**

2 **[Add] ▶ select a city**
   - To switch summer time: Touch a city for a while ▶ [Switch summer time]
   - To delete cities: [≡] ▶ [Delete] ▶ select cities ▶ [Execute] ▶ [Yes]

- [☀] appears on cities for which daylight saving time is set.

Alarm

Activate an alarm tone or vibrator at the specified time/day of the week.
- You can save up to ten alarms.

1 **In the home screen, [⊙] ▶ [Clock] ▶ [Alarm]**
   - To adjust the alarm volume: [≡] ▶ [Setting] ▶ [Alarm volume] ▶ adjust the volume ▶ [OK]
   - To set the priority setting: [≡] ▶ [Setting] ▶ [Priority setting] ▶ select the setting

2 **Select a register destination**

3 **Set each item**

1 **Name**
   - Enter the name.

2 **Enable/disable alarm**
   - Enable/Disable the alarm settings.

3 **Time**
   - Set the time when the alarm rings.

4 **Ring duration**
   - Set the alarm duration.

E Repeat
- Set the repetition of the alarm.

F Alarm sound
- Set the alarm sound.

G Enable/disable snooze
- Enable/Disable the snooze setting.

H Snooze interval
- Set the snooze interval.

I Snooze repeat
- Set the number of snooze repeat.

J Vibrator Setting
- Enable/Disable the vibrator setting.

- When the priority setting is set to [Priority to manner mode], the alarm sounds according to the manner mode setting.

- The alarm is not activated when the handset is turned off at the alarm setting time.

- The alarm is not activated when the set time of the alarm arrives during a call. Upon the end of the call, the previously displayed screen or the home screen is displayed, and the alarm is activated.

- When a set time arrives during another alarm sounding, the alarm is delayed. When the former alarm stops or the duration has elapsed, the delayed alarm restarts.

Alarm sounding screen layout
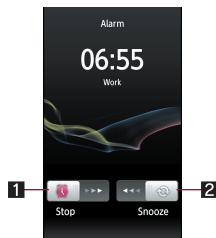
1 End the alarm
- Drag the icon to the right to end the alarm.

2 Stop the alarm
- Drag the icon to the left to stop the alarm. Snooze still works after stopping the alarm.
- You can operate only when the snooze setting is enabled.

StopWatch

1 In the home screen, [⊖] ▶ [Clock] ▶ [StopWatch]

2 [Start]
- To record the lap time and split time: [Lap]

3 [Stop]
- To reset measured time and history: [Reset]

- You can record up to 99 histories of lap time and split time. When the number exceeds 99, they are deleted starting with the oldest.

- Measured time and history are reset by ending Clock.

Timer

Activate an alarm tone or vibration after the specified length of time passes.

1 **In the home screen, [⊙]▶ [Clock]▶ [Timer]**

2 **Touch the set time ▶ enter the time ▶ [OK]**
- Touch [10sec]/[1min]/[5min]/[10min] to add 10 seconds/1 minute/5 minutes/10 minutes to the set time.
- To reset the set time to 00 minute 00 second: [Reset]

3 **[Start]**
- To cancel the countdown: [Reset]
- To stop the countdown: [Stop]

Schedule

Create and manage schedules.

1 **In the home screen, [⊙]▶ [Schedule]**

2 **Check schedules**
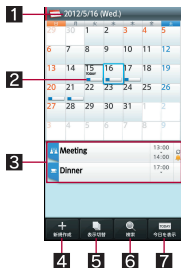
1 **Selected date, name of holiday**
2 **Registered schedule**
3 **Schedules for selected date**
4 **Create new schedule**
- The method for registering schedules is the same as creating memo (☞P. 147).
5 **Switch display**
- Switch the display method of the calendar.
6 **Search**
7 **Display today**

Setting schedule

1 **In the calendar screen, [☰] ▶ [More] ▶ [Settings]**

2 **Select an item**
- "Today's schedule" setting: Set to notify the schedules of the day at the specified time.
- Alarm: Set the alarm.
- Initial screen: Set the display method when Schedule is activated.
- Starting day: Set the starting day of a week on the calendar.
- Update birthday data: Apply birthday data in the phonebook to the calendar.
- Change account: Set the account used when creating schedules.

Deleting a schedule

1 **In the calendar screen, touch a schedule for a while**
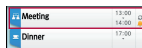
2 **[Delete one] ▶ [Delete]**

Memo

Create and manage memos.

1 **In the home screen, [⊙]▶
[Memo]▶[新規作成] (Create new)**

2 **Set each item**
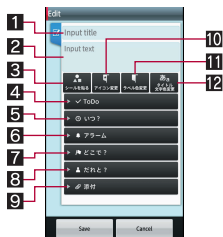
1 **Title**

2 **Text**

3 **Paste sticker**
  ● You can paste and remove stickers (pictogram/Deco-mail pictogram) which decorate memos nicely.

4 **ToDo**

5 **When?**

6 **Alarm**

7 **Where?**

8 **With whom?**

9 **Attachment**
  ● You can attach still pictures.

10 **Change icon**

11 **Change label color**

12 **Change title text color**

3 **[Save]**

Calculator

1 **In the home screen, [⊙]▶
[Calculator]**

2 **Calculate**

● When the calculator is closed, its memories are deleted.

● Results or history information may be deleted while it is active in the background.

microSD backup

You can collectively backup/restore data, such as Address Book or SMS, and recommended communication data.

● While backing up microSD, Offline(airplane) mode is enabled.

● When the available memory space of the handset is less than 11 MB, microSD backup is not available.

● Insert microSD Card in advance.

Recommended communication data
  ● Recommended communication data include data of Twitter, mixi, etc. which is displayed in the "Address Book" application.

Saving backup file

1. **In the home screen, [☉] ▶ [Settings] ▶ [microSD & phone storage] ▶ [microSD backup]**

2. **[Backup] ▶ enter the Lock No. ▶ [OK]**

3. **Select a data category to save**

4. **[Start] ▶ [Yes]**

5. **[Complete]**

● You cannot save the data when battery level is insufficient.

Reading backup file

1. **In the home screen, [☉] ▶ [Settings] ▶ [microSD & phone storage] ▶ [microSD backup]**

2. **[Restore] ▶ enter the Lock No. ▶ [OK]**

3. **Select a backup file to read**

4. **[Start additional]/[Start overwrite]**
   - The confirmation screen appears. Follow the instructions on the screen and operate after step 4.

● You cannot read the data when battery level is insufficient.

Setting/Managing backup file

1. **In the home screen, [☉] ▶ [Settings] ▶ [microSD & phone storage] ▶ [microSD backup] ▶ [Management/Settings]**

2. **Select an item**
   - ■ Organize backup files: You can delete saved backup data.
   - ■ Addr.book pic backup: You can set images to/not to be included when you backup Address Book data.
   - ■ View result screen: Display the latest result of saving/reading the backup file.
   - ■ Recommended backup: You can set to/not to automatically backup recommended communication data when available space in the handset has run out.
   - ■ Link to address book: Link communication data and Address Book data.

iD設定アプリ (iD setting appli)

"iD" is convenient electric money using credit-card transactions. You can pay easily and conveniently by simply holding an Osaifu-Keitai which credit card information is set or an iD compatible card over the scanning device at stores etc. Osaifu-Keitai can register two types of credit card information, and can be used depending on the benefits. Some credit card companies also provide cash advance.

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

Smart Familink

Watch or listen to still/moving pictures, music, etc. in the handset on "AQUOS" or display information on incoming calls and new mails on "AQUOS" by connecting the handset and the home network function compatible TV "AQUOS" to the Wi-Fi network.
Also, you can watch TV programs received/recorded by "AQUOS Blu-ray" on the handset by connecting "AQUOS Blu-ray" compatible with the home network function to the Wi-Fi network.

1 In the home screen, [☺] ▶ [Smart Familink]

- Touch the speech bubble to watch the examples of how Smart Familink is used.
  - To return to the previous screen: [❸]

2 [Let's try to set.]

- Follow the instructions of the setting guidance. Touch the step to display the screen of the menu item to be set or the connection method.
  - For details on Wi-Fi settings ☞P. 42
  - For details on home network server settings ☞P. 114

3 [Menu screen]

- For the subsequent operations, refer to the manuals of the TV and Blu-ray Disc recorder to be used.

International Roaming

Outline of international roaming (WORLD WING)

International roaming (WORLD WING) is a service that enables you to use the same phone number and mail address of the handset as you use in Japan in the service area of DOCOMO affiliated overseas telecommunications carriers without changing your phone number and mail address. You can use calls and SMS without any changes in settings.

Available area

You can use the handset in the 3G network and GSM/GPRS network service area. In addition, this service is available in countries and regions supporting 3G 850 MHz. Check the available area.

Refer to the following before using the handset overseas.

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

● For country codes, international call access number, universal number international prefix and information on available countries, regions, and telecommunications carriers, refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO International Services website.

Available services overseas

Main communication service	3G	GSM/GPRS	GSM
Call	○	○	○
SMS	○	○	○
Mail[*1]	○	○	×
Browser[*1]	○	○	×
GPS position location[*2]	○	○	×

*1 Enable Data roaming to use data communication when roaming (☞P. 152).
*2 Packet communication charges are incurred for GPS positioning (position location).

● Some services are not available depending on the telecommunications carrier or network.

Before use overseas

Check before departure

Check followings in Japan before using the handset overseas.

Subscription

● Check the status of a subscription for WORLD WING. For details, contact "General Inquiries" on the back of this manual.

Charging battery

● Use FOMA AC Adapter 01 for Global use (sold separately), FOMA AC Adapter 02 (sold separately) or AC Adapter 03 (sold separately) as an AC adapter for charging while traveling overseas.

Charge

● Overseas charges (call charges, packet communication charges) differ from those in Japan.

● Since some applications automatically perform packet communication, the packet communication charges may be higher. Contact the application provider for the operation of each application.

Set before departure

Network service settings

If you subscribed to network services, network services such as Voice Mail Service and Call Forwarding Service are available from overseas. However, some network services are not available.

● To use network services overseas, setting Remote operations to "Activate" is required. Remote operations can be set in your country of stay.

● Some network services that can be set/disabled etc. may not be available depending on overseas telecommunications carriers.

Check in your country of stay

The handset automatically connects to the available telecommunications carrier when you turn the power on in your country of stay.

Connection

When telecommunications carriers (☞P. 153) is set to [Select automatically], the suitable network is automatically selected.

Overseas packet communication charges are available with a fixed amount of charges as an upper limit per day by connecting to a compatible operator for telecommunications carriers manually. To use this service, subscription to flat-rate packet communication services is required. For details, refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO International Services website.

Viewing the display

● The type of network in use appears in the status bar.

📶/📶:	3G available/During 3G communication
📶/📶:	GSM available/During GSM communication

・ While international roaming, [R] appears on the upper left of the signal icon.

● Connected operator can be checked in the status panel.

Date & time

If [Automatic] of Date & time is enabled, the handset receives information with time and time differences from overseas telecommunications carrier, then time and time differences are corrected.

● Time and time differences may not be adjusted correctly depending on overseas telecommunications carrier. In such a case, set time zone manually.
● The correction timing differs depending on the telecommunications carrier.
● For details on Date & time ☞P. 92

Inquiries

● When the handset or the docomo mini UIM card is lost or stolen overseas, promptly contact DOCOMO and conduct a procedure for canceling the use of service from your country of stay. Refer to the back of this manual for inquiries. Note that communication/calling charges after the handset or the docomo mini UIM card is lost or stolen are incurred to the subscriber.
● For land-line phone, etc., "International call access number" of your country of stay or "Universal number international prefix" is required.

■ Check after homecoming

The handset automatically connects to the DOCOMO network after homecoming. If it fails, perform the following setting.

● Set Network Mode to [3G/GSM(Auto)] (☞P. 153).
● Set telecommunications carriers to [Select automatically] (☞P. 153).

Settings to use overseas

At the time of purchase, the handset is set to automatically search for and switch to available networks. When you want to manually switch networks, set by performing following operations.

1 **In the home screen, [☉] ▶ [Settings] ▶ [Wireless & networks] ▶ [Mobile networks]**

2 **Select an item**
   ■ Data enabled: Enable data communication.
   ■ Data roaming: For details on Data roaming ☞P. 152
   ■ Network Mode: For details on Network Mode ☞P. 153
   ■ Access Point Names: Set an access point.
   ■ Network operators: For details on Network operators ☞P. 153

Data roaming

Set whether to use data communication when roaming.

1 **In the home screen, [☉] ▶ [Settings] ▶ [Wireless & networks] ▶ [Mobile networks] ▶ [Data roaming]**

Network mode

Set a network to use.

1 In the home screen, [⊙] ▶
[Settings] ▶ [Wireless &
networks] ▶ [Mobile networks] ▶
[Network Mode]

2 Select an item
- 3G/GSM(Auto): Switch to an available network automatically.
- 3G: Use 3G network.
- GSM: Use GSM/GPRS network.

Network operators

Search for networks and set a network operator to use.

1 In the home screen, [⊙] ▶
[Settings] ▶ [Wireless &
networks] ▶ [Mobile networks] ▶
[Network operators]
- Search for networks and a list of network operators is displayed.

2 Select a network operator
- To search for network operators again: [Search networks]
- To select a network operator automatically: [Select automatically]

● When networks are not searched, disable [Data enabled] (☞P. 152).

● If you manually set network operators overseas, set to [Select automatically] after returning to Japan.

Making/Receiving a call in your country of stay

Making a call outside your country of stay (including Japan)

1 In the home screen, [⊙] ▶
[Phone] ▶ [Dial]

2 "+" (touch "0" for a while) ▶ enter country code, area code (city code) and the other party's phone number ▶ [📞]
- Alternatively, enter a phone number ▶ [≡] ▶ [International call] ▶ select a country code to enter a country code.
  ・ The first "0" of the area code (city code) will be omitted.
- When the area code (city code) begins with "0", omit the "0" when dialing (Include the "0" when making a call to some countries or regions such as Italy).

● Even if you notify the caller ID, [Unknown] or [Private number] appears depending on the telecommunications carrier, and the caller ID may not be displayed correctly.

Making a call using International dial assist

When you make a call to other countries from your country of stay, you can make an international call with simple operation using International dial assist.

- Set International dial assist in advance.
- The first "0" of a phone number will be converted to the country code you set in Country code automatically.

1 **In the home screen, [◉] ▶ [Phone] ▶ [Dial]**

2 **Enter a phone number ▶ [℃]**

3 **[Converted number]**

Setting of International dial assist

1 **In the home screen, [◉] ▶ [Settings] ▶ [Call settings] ▶ [Overseas setting] ▶ [International dial assist]**

2 **Select an item**
- Automatic conversion function: Set whether to make calls using International dial assist.
- Country code: Set country code to use when using International dial assist.
- International prefix: Set international prefix to use when using International dial assist.

Making a call in your country of stay

You can make a domestic call in your country of stay in the same way as you do in Japan.

- Always dial the area code (city code), even when the number is in the same area.

Making a call to a WORLD WING subscriber overseas

When you make a call to a "WORLD WING" subscriber overseas, the call is made as an international call to Japan regardless of your country of stay.

1 **In the home screen, [◉] ▶ [Phone] ▶ [Dial]**

2 **"+" (touch "0" for a while) ▶ enter country code "81" (Japan), the other party's mobile phone number excluding the first "0" ▶ [℃]**

Receiving a call

You can receive a call overseas in the same way as you do in Japan.

- When a call is received during international roaming, the call is forwarded from Japan. Call charges to Japan are incurred by the caller and receiving charges by the receiver.

Having calls to your handset

When having calls made to your handset from Japan, have your phone number dialed just as a domestic call in Japan.
When having calls made to your handset from countries other than Japan, have the international call access number and "81" (Japan) added to the beginning of your phone number with the first "0" excluded as an international call to Japan regardless of your country of stay.
International call access number of the country of the caller-81-90 (or 80)-XXXX-XXXX

Setting international roaming

Overseas settings

Set international roaming.

1 **In the home screen, [☺] ▶ [Settings] ▶ [Call settings] ▶ [Overseas setting]**

2 **Select an item**
- Restricting incoming calls: Set whether to reject incoming calls during international roaming.
- Incoming notification while roaming: Set whether to notify you of incoming call information (date and time of calls or caller ID) by SMS, when you are in a place with no signal, the handset is turned off or you fail to answer an incoming call during international roaming.
- Roaming guidance: Set whether to play the guidance notifying the other party who makes a call to you during international roaming that you are using international roaming.
- International dial assist: For details ☞P. 154
- Network service: For details ☞P. 155

Network services during roaming

You can use network services such as Voice Mail Service or Call Forwarding Service overseas.

1 **In the home screen, [☺] ▶ [Settings] ▶ [Call settings] ▶ [Overseas setting] ▶ [Network service]**

2 **Select an item**
- Remote operation(charged): Set remote operations.
- Caller ID notification request service(charged): Set Caller ID Display Request Service.
- Roaming call notification(charged): Set the incoming call notification for roaming.
- Roaming guidance(charged): Set the roaming guidance.
- Voice mail(charged): Set Voice Mail Service.
- Call forwarding(charged): Set Call Forwarding Service.

Appendix/Index

Introduction of options and related devices

Combine the handset with various optional accessories (sold separately) for expanded personal and business use.

Some products may not be available in certain areas. Contact a docomo Shop or retailer for details.

Refer to the user's guide of each product for more details on optional parts.

- FOMA AC Adapter 01[*1, 2]/02[*1, 2]
- Battery Pack SH31
- Back Cover SH61
- Desktop Holder SH38
- FOMA charger micro USB adapter SH01[*3]
- microUSB Cable 01
- Earphone Plug Cable (with Antenna) SH01
- Wireless Earphone Set 02/03
- FOMA AC Adapter 01 for Global use[*1, 2]
- FOMA DC Adapter 01[*2]/02[*2]
- Carry Case 02
- Bone conduction microphone/receiver 02
- FOMA Portable Charging Adapter 02[*2]
- Pocket charger 01/02
- AC Adapter 03[*1]
- DC Adapter 03
- AC Adapter Converter Plug TypeC 01
- *1 Refer to P. 32 for details on charging with an AC adapter.
- *2 Connect the FOMA charger micro USB adapter SH01 to use these.

*3 Connect the FOMA AC Adapter 01/02 or FOMA DC Adapter 01/02 to use these.

Troubleshooting (FAQ)

Troubleshooting

- First, check whether the software update is required. If it is required, update the software (☞P. 164).
- If there is no improvement on the problems even after checking the following items, feel free to contact the number listed in "Repairs" (in Japanese only) on the back of this manual or a repair center that DOCOMO specifies.

Power

The handset is not turned on	
● Is the battery pack attached properly?	P. 31
● Make sure the battery has not run out.	P. 32

Charging

Cannot charge the battery Charging lamp does not illuminate or it flashes	
● Is the battery pack attached properly?	P. 31
● Are the power plug of the adapter and the cigarette lighter plug inserted into the outlet or cigarette lighter socket properly?	P. 35
● Are the adapter and the handset set properly?	P. 35

● When using the AC adapter (sold separately), is the connector of the accompanying FOMA charger micro USB adapter SH01 properly connected to the handset, the accompanying desktop holder and AC adapter?	P. 35
● When using the desktop holder, make sure that the charger terminal is clean. If not, wipe with a dry cloth or a cotton swab.	P. 34
● If calling, transmitting or another function is performed for a long time while charging, the handset may become warm and charging may stop. Charge again after the handset temperature lowers.	P. 33

■ Terminal operation

Becomes hot while operating/charging

● The handset, battery pack or adapter may become warm while operating or charging or when watching 1Seg for a long time while charging. There is no safety hazard.	P. 33

Battery usage time is short

● Make sure the battery pack is not left for a long time outside the service area. Outside the service area, since electric waves are searched to make communication available, more electric power than usual is used.	P. 33
● The usage time for the battery pack depends on the usage environment and deterioration level.	P. 33

● Battery pack is a consumable product. Service time per charge is gradually reduced every time the battery is charged. Purchase a specified new battery pack if the usage time becomes extremely shorter than when the battery was purchased even after fully charged.	P. 33

Power turns off/The handset restarts

● Unclean terminals for the battery pack may result in poor connections and loss of power. Wipe with a dry cloth or a cotton swab.	–

Not activated by touching, pressing keys, etc.

● Make sure the handset is not turned off.	P. 36

Screen response is slow when touching, pressing keys, etc.

● This may happen when a great deal of data is saved on the handset or when a large amount of data is transferred between the handset and the microSD Card.	P. 89

docomo mini UIM card does not recognize

● Is the docomo mini UIM card inserted facing right direction?	P. 29

Clock is incorrect

● Clock may become incorrect if the power is turned on for a long time. Make sure the setting is set to adjust time automatically and turn the power on again in a location with good signal conditions.	P. 92

Terminal operation is unstable

- The applications installed on the handset after purchase may become a cause. If you can improve the symptoms by activating the handset with the safe mode set, you may be able to improve the symptoms by uninstalling an installed application.
  ・The safe mode is a function to activate the handset nearly in the state of default.
- For activating the safe mode
  Turn the power on again when the power is off, keep pressing ☰ on the screen during activation until the home screen is displayed.
  ・When the safe mode is activated, [セーフモード]/[Safe mode] is displayed at the bottom left of the screen.
  ・To deactivate the safe mode, turn the power off and on again.
- Back up the necessary information in advance before using the safe mode.
- Widgets created by yourself may disappear.
- The safe mode is not an ordinary activating state and thus deactivate the safe mode if you want to use in an ordinary way.

(above content)	–

█ Calling

Calls cannot be made by touching, pressing keys, etc.

● Make sure Restrict calls of Lock Setting is not set.	P. 85

● Make sure Offline(airplane) mode is not set.	P. 81

Ring tone does not sound

● Make sure phone ring volume is not set to "0".	P. 82
● Make sure Public mode, Offline(airplane) mode or Manner mode is not activated.	P. 76 P. 81 P. 83
● Make sure Call blocking is not set.	P. 82
● Make sure ringing time for Voice Mail Service or Call Forwarding Service is not set to "0 seconds".	P. 73 P. 75

Connection cannot be made ([📶] does not disappear even after moving to another place or calls cannot be made/received even though signal status is not bad)

● Turn the power on again or attach the battery pack or docomo mini UIM card again.	P. 29 P. 31 P. 36
● Depending on the signal type, even though status is "inside the service area" or "[📶] (indicating signal status) appears", making/receiving a call may not be available. Move to another place and call again.	–
● Make sure the call restriction such as Call blocking, etc. is not set.	P. 82
● In a crowded place, heavy telephone/ mail traffic may make it difficult to get a connection. In such a case, a busy tone is played. Move to another place or call again later.	–

Screen

Display is dark

● Make sure Screen timeout is not set to a short timeout.	P. 83
● Make sure the setting of Brightness is not changed.	P. 84
● Make sure the automatic brightness adjustment is not enabled. The brightness of the screen varies depending on the surrounding light if the setting is enabled.	P. 84
● Make sure VeilView is not set.	P. 83

Sound

The other party's voice is not heard well or is too loud during phone call

● Make sure you did not change the in-call volume.	P. 67

Mail

Mail is not automatically received

● Make sure Inbox check frequency in Account settings of Email is not set to [Never].	P. 98

Camera

Still picture or moving picture shot by the camera is blurred

● Switch Focus settings to [Macro] when shooting nearby subject.	P. 118
● Make sure the camera lens is neither misted up nor exposed to dirt.	P. 116

1Seg

Cannot watch 1Seg

● Make sure the handset is not outside the area of a terrestrial digital TV broadcasting service or in a place with weak signal.	P. 131
● Make sure Channel setting is complete.	P. 133

Osaifu-Keitai

Cannot use Osaifu-Keitai

● If the battery pack is removed, Osaifu-Keitai functions are not available regardless of the Osaifu-Keitai lock setting.	P. 141
● Make sure the Osaifu-Keitai lock setting is not activated.	P. 143
● Is the 🐾 mark of the handset held over the scanning device?	P. 142

International Roaming

Cannot use the handset overseas (The signal icon appears)

● Make sure to subscribe to "International roaming service (WORLD WING)". Check the status of a subscription for "International roaming service (WORLD WING)".	P. 150

Cannot use the handset overseas ([📶] appears)	
● Make sure the handset is not outside the service area or in a place with weak signal. Refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO International Services website to check if the service area or telecommunications carrier is available.	P. 150
● Change the network setting or telecommunications carrier setting. Set Network Mode to [3G/GSM(Auto)]. Set telecommunications carriers to [Select automatically].	P. 153
● Turn off the handset. Then turn it on again. The handset may recover.	P. 36

Cannot use data communication overseas	
● Enable Data roaming.	P. 152

Suddenly the handset becomes unavailable during overseas use	
● For "International roaming service (WORLD WING)", the approximate limit of usage fee is set in advance. Pay off the usage fee to resume services if usage fee exceeds the limit.	P. 150

The other party's phone number is not notified/A different phone number from that of the other party is notified/Functions to use details saved in phonebook or Notify caller ID are not activated	
● The caller ID is not displayed on the handset even though the other party makes a call with notifying the caller ID if the used network or telecommunications carrier does not notify. In addition, a different phone number from that of the other party is notified depending on the used network or telecommunications carrier.	P. 154

Data management

Data is not transferred	
● Make sure a USB HUB is not used. If used, the operation may not work correctly.	P. 112

Data saved on the microSD Card is not displayed	
● Remove the microSD Card and insert it again.	P. 30

Bluetooth function

Cannot connect with Bluetooth connection compatible device/Cannot find it even if searching

● Set the Bluetooth connection compatible device (sold commercially) side to stand-by and register it from the handset side. To delete the registered device once and register it again, both the Bluetooth connection compatible device (sold commercially) and the handset are required to delete the registered devices.	P. 110

Calls cannot be made from the handset with the external device such as car navigation or hands-free device connected

● Call may not connect to the number if making multiple calls in the condition that the other party does not answer or outside the service area. In this case, turn off the handset power and restart.	P. 36

Error messages

Major error messages displayed on the handset are shown in alphanumeric order.

[Cannot connect]

● The connection could not be made to data broadcasting for an unspecified reason. Try again later.

[Connection error; failed to send]
[Connection has been interrupted due to no answer]
[Server error; failed to send]
[The destination server is not supporting it.]
[Transmission error; try again in a while]

● Appears when attempting to use mail or SMS with the line system not in service or extremely congested. Try again later.

[Enter lock no.]

● Appears when an operation for the restricted function was attempted while the handset lock is set. Enter the Lock No. to temporarily disable handset lock and continue operation.
● Appears when attempting to use a function that requires the Lock No. to be entered.

[Failed to get license. Cannot play.]

● Appears when failed to update a license of copyrighted contents that has reached the expiration date.

[Failed to send]

● Appears when SMS was not sent properly.
● Appears when mail was not sent properly. Try again from a location with a strong signal.

[Insert/recheck SIM card.]

● Make sure docomo mini UIM card is properly inserted. ☞P. 29

[Mobile network not available.]

● Make sure a valid network mode is set.
☞P. 153

[No permissions to play this content.]

● Appears when there is no available license or when attempting to play copyrighted contents whose playable period or limit has expired.

[Notify manufacture number?]

● May appear while watching 1Seg. Select [Yes] to send manufacture number of the handset and docomo mini UIM card.

[xx mails have been received, but some have not been received.]

● Appears when not all mail can be received for an unspecified reason.

Warranty and After-Sales Service

Warranty

● Make sure that the warranty card is included with your handset at the time of purchase. Check that the name of the retailer, the date of purchase, and the necessary details have been filled in on the warranty card. Be sure to keep it in a safe place.
Contact the retailer if any necessary details on the warranty card are not completed.
The warranty period without charge is 1 year from the date of purchase.
● For the purpose of improvement, the specifications for this product and its accessories are subject to complete or partial change without prior notice.
● Information registered in your handset, such as phonebook entries, may be lost or damaged if your handset is damaged, repaired or mishandled. It is recommended that a memo be kept of information such as phonebook entries, etc.
※ The handset allows you to save phonebook data to the microSD Card.

After-Sales Services

If you have problems with your handset

Refer to "Troubleshooting" on this manual before requesting repairs.
Contact the number listed in "Repairs" (in Japanese only) on the back of this manual if problems persist.

If your handset needs repairs after contacting DOCOMO

Bring your handset to a repair counter that DOCOMO specifies. However, the repair shop is only open during business hours. Make sure to bring your warranty card with you. Note that it may take several days to repair depending on the damaged condition.

During the warranty period
● The handset will be repaired without charge in accordance with the terms of the warranty.
● When bringing the handset in for repairs, be sure to bring the warranty card. Even during the warranty period, a fee will be charged for repairs of malfunctions or damage caused by your improper handling (damage of liquid crystal and connector) if no warranty certificate is presented.
● Repairs for damages caused by the use of devices and accessories other than those specified by DOCOMO will also incur a fee, even during the warranty period.

Repairs may not be possible in the following circumstances.
● When a repair counter considered water exposure (Example: When the moisture detection seal has reacted)
● As a result of inspection, when damage from water exposure, condensation, sweat or other liquids are found or when the internal circuit board is damaged or deformed (Repairs may not be possible when external connector terminal (earphone/microphone terminal), LCD, etc. is damaged or when a housing is cracked)
※Even when repairs are possible, repair charges will be incurred because the warranty does not cover such damage.

After the warranty period has expired
Charged repairs will be carried out upon request.

Replacement parts
Replacement parts (required to maintain the functionality of the handset) will be kept in stock basically for 6 years following production. However, note that there may be a case when repair is not possible for the shortage of replacement parts depending on the faulty part. Repairs may be possible even after this period has passed, depending on the type of malfunction. Contact the number listed in "Repairs" (in Japanese only) on the back of this manual for details.

▌ IMPORTANT!

● Never attempt to modify the handset or its accessories.
 ■ May cause fire, bodily injury or malfunction.
 ■ If your handset has been modified previously, it will only be accepted for the repair as long as you agree that we restore the handset to its original state. However, repairs may be refused depending on the extent of the modification.
   The following cases may be considered as a modification.
   ・ Stickers are applied to the LCD or keys
   ・ Decorations are made to the handset with adhesive agent
   ・ Exterior parts are replaced with those which are not standard DOCOMO product
 ■ Repairs for any malfunction or damage caused by such modifications will incur fees, even during the warranty period.
● Do not peel off the model nameplate attached to the handset.

■ If the nameplate seal does not function as a certification, repairs may be refused because conformity to the standards cannot be determined.

技術基準適合認証品

● Information stored in your handset, such as the settings of various functions, may be cleared or reset if your handset is damaged, repaired or mishandled. If this occurs, please re-enter the information or re-specify the settings.

● When the handset is repaired, MAC address for Wi-Fi and Bluetooth address may be changed regardless of the faulty part.

● The following sections of the handset contain parts that generate magnetic waves. Keep ATM cards and other objects likely to be affected by magnetic waves away from the handset. Cards may become unusable.

■ Sections: speaker, earpiece

● If the inside of the handset gets wet or becomes moist, immediately turn off the power and remove the battery pack though SH-06D provides waterproof performance. Then, visit a repair counter. The handset may not be repaired depending on its condition.

Memory dial (Phonebook) and downloaded information

● Created, imported or downloaded data may be modified or deleted when upgrading or repairing the handset. DOCOMO shall not be liable for any modification or deletion of content. DOCOMO may, at our convenience, exchange your handset for a substitute in lieu of repairs. However, in that case, we cannot transfer these data to replaced products except for some data.

Updating software

Software update

Connect SH-06D to the network and check for software update. If necessary, use packet communication to download part of software and update.

● Check the DOCOMO website for updates.
● When updating, select "Auto-update", "Now update" or "Reserve update".

Auto-update : New software can be downloaded automatically and rewritten on time set in advance.

Now update : Update immediately when you want to do so.

Reserve update : Software is updated automatically on set time if you set the time of installing update package.

● You can update software even if SH-06D contains phonebook, camera image, mail or downloaded data. However, DOCOMO cannot protect data that could be lost due to malfunction, damage, water exposure and so on. It is recommended that important data be backed up before software update. Note that some data, such as downloaded data, cannot be backed up.

Using software update

- Do not remove the battery pack while updating software. Failure to update software may occur.
- Fully recharge battery before updating software.
- Software cannot be updated in the following cases.
  - During a call/Outside the service area
  - During International roaming
  - In Offline(airplane) mode
  - While connecting to Wi-Fi network
  - During Wi-Fi tethering
  - While mounting with USB connection
  - During OS version upgrade
  - During MTP connection
  - When date and time are set incorrectly
  - When battery level is insufficient for software update
  - When free space is insufficient for software update
- Updating (downloading and rewriting) software may take time.
- Making or receiving calls, each communication function and other functions cannot be used while updating software (Receiving voice calls is possible during download).
- During software update, the handset makes an SSL/TLS connection with the server (DOCOMO site).
- It is recommended to update software at a location with a strong signal (four bars for the antenna icon) while you are not moving.
  - ※ If signal status becomes weak and download is interrupted when downloading software, update software again in a location with good signal conditions.

- If software has already been updated, [No update is needed.] appears when software update is checked.
- [Failed to start update. Due to no network or roaming.] appears during International roaming or outside the service area.
- When the battery is not enough to update software, [Failed to start rewriting. Please recharge and retry later.] appears.
- While updating software, received SMS is held at SMS center.
  - ※ While downloading software, receiving SMS is available. However, if you activate the mail application, download is interrupted.
- When updating software, the information unique to SH-06D (model, serial number, etc.) is automatically sent to the server (DOCOMO software update server). Sent information is only used for software update.
- If software update fails, [Rewrite failed] appears and all operations may not be available. In this case, visit a repair center that DOCOMO specifies.
- While updating software, watching reservation alarm and recording reservation alarm do not operate. Also, watching and recording do not start.
  - ※ While downloading software, watching is started and downloading is stopped if the viewing reservation alarm operates.
- When PIN code is set, the PIN code entry screen appears during restart after rewriting and you are required to enter PIN code.
- While updating software, do not activate other applications.

Auto-update

You can download new software automatically and rewrite the software at the time set in advance.

Automatic update setting is set to [Automatic Update] by default.

When the rewrite is ready, the notification icon [⊙] (Software update is available) appears. Then you can confirm the time when the rewrite starts, change the time, and select whether to rewrite software now.

If the time when the rewrite starts arrives with the notification icon [⊙] (Software update is available) displayed, the software is automatically rewritten and the notification icon [⊙] (Software update is available) disappears. If the time when the rewrite starts arrives with the insufficient battery or during a voice call, software update does not start and is performed at the same time of the following day.

Software cannot be updated automatically when Automatic update setting is set to [Manual Update] or while updating software by Now update.

■ **Setting auto-update**

1 **In the home screen, [⊖] ▶ [Settings] ▶ [About phone] ▶ [Software Update] ▶ [Configure the software update]**
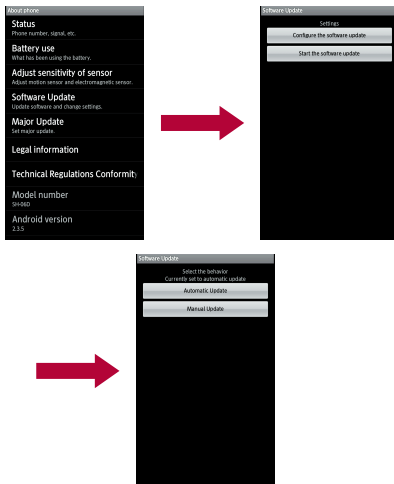
2 **Select the operation performed when update software notification is received**

- To update the software automatically: [Automatic Update]
- To update the software not automatically: [Manual Update]

Actions when software update is required

When the software is automatically downloaded, the notification icon [⊙] (Software update is available) appears in the home screen.

1 **In the home screen, the notification icon [⊙] (Software update is available)**

2 Select the rewrite method

- OK: The rewrite starts when the set time arrives.
- Sets Time: For subsequent operations
  ☞step 1 of "Reserve update" on P. 170
  ・Set a time to install update package.
- Starts update: For subsequent operations
  ☞step 1 of "Updating software immediately" on P. 169
  ・The rewrite starts.
  ・When the rewrite is complete, the notification icon [☑] (Update completed) appears.
- The notification icon disappears when you check it once.

● If software update cannot be activated at the auto-update time, the notification icon [⊙] (Software update is available) appears in the home screen.

Now update

1 **In the home screen, [◎] ▶ [Settings] ▶ [About phone] ▶ [Software Update] ▶ [Start the software update] ▶ [Yes]**

- Once the download starts, software is automatically updated.
- If you cancel downloading during the download, data downloaded up to that point is deleted.

- When software update is not necessary, [No update is needed.] appears.

2 **[OK]**

- The handset restarts and the update starts.
- During update, all key operations are not available. It is not possible to cancel downloading.
- During update, the handset restarts automatically twice.

3 **The home screen appears**

- [☑] appears in the status bar. [☑] disappears if you check it once.

Updating software immediately

1 [Starts update]
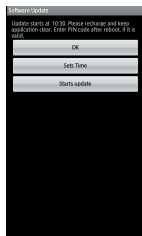
2 [Ready for update.] ▶ [OK]

- Approximately 3 seconds after [Ready for update.] appears, rewriting starts automatically.
- During rewriting, all of the keys are disabled. It is not possible to cancel rewriting.
- The handset restarts automatically.
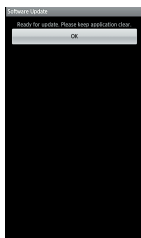
3 After restarting, software update starts automatically

- During update, all of the keys are disabled. It is not possible to cancel update.
- When update ends, the handset restarts automatically after approximately 5 seconds.

4 The notification icon [☑] (Update completed)

- Software update ends and the home screen appears.
- The notification icon [☑] (Update completed) that indicates updating is finished appears in the home screen. Once the notification icon [☑] (Update completed) is confirmed, it disappears.

Post-update display

[☑] appears in the status bar. Touch [☑] to display the message stating that the software update is complete.

Reserve update

You can change a time for software update if you want to set a different time for update package installation.

1 [Sets Time]
• The sets time screen appears.
• The time is the same as the time of SH-06D.
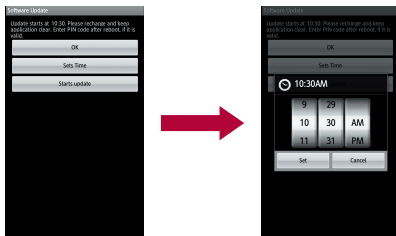
2 Enter the preferred time ▶ [OK]
• Set a time.

1 **[Ready for update.] ▶ [OK]**

- Approximately 3 seconds after [Ready for update.] appears, software update automatically starts.
- Before software updates, make sure that the home screen is displayed and the handset is in a place with a strong signal.
- Software update is performed at the same time of the following day if the battery level is below the necessary level to update software at the reserved time.
- If the alarm or another function takes place at the same time when the reserved time arrives, software update is prioritized.
- When SH-06D is turned off at the reserved time for software update, software update is performed at the same time as reserved time after turning on the power.

OS version upgrade

You can perform OS version upgrades of the handset.

- Insert the microSD Card in advance.
- When you want to perform version upgrades using Wi-Fi function, enable the Wi-Fi function in advance (☞P. 81).

1 **In the home screen, [⊙] ▶ [Settings] ▶ [About phone] ▶ [Major Update] ▶ [Start update]**

- Follow the instructions on the screen after step 1.

Main specifications

Package

Product name	SH-06D
Size	Approx. 128 (H) × Approx. 66 (W) × Approx. 11.8 (D) mm (Approx. 12.2 mm at thickest point)
Weight	Approx. 145 g (with battery pack attached)
Continuous talk time[*1, 2, 3]	FOMA/3G 　Approx. 300 min GSM 　Approx. 450 min
Continuous stand-by time[*2, 3, 4]	FOMA/3G 　At rest: Approx. 420 hr (Network Mode: 3G/GSM(Auto))[*5] GSM 　At rest: Approx. 290 hr (Network Mode: 3G/GSM(Auto))[*5]
1Seg watching time[*3, 6]	Approx. 220 min
Mobacas watching time[*3, 7]	Approx. 190 min
Charge time	FOMA AC Adapter 01/02: Approx. 280 min FOMA DC Adapter 01/02: Approx. 280 min

Display	Type 　New Mobile ASV LCD 　16,777,216 colors Size 　Approx. 4.5 inches Pixels 　921,600 pixels (horizontal 720 × vertical 1,280 dots)
Image pickup device	Type 　Main camera: CMOS[*8] 　Sub camera: CMOS[*8] Size 　Main camera: 1/3.2 inches 　Sub camera: 1/13.0 inches
Camera	Effective pixels 　Main camera: Approx. 8.0 million pixels 　Sub camera: Approx. 0.32 million pixels Recorded pixels (Max.) 　Main camera: Approx. 8.0 million pixels 　Sub camera: Approx. 0.31 million pixels Zoom (Digital) 　Main camera: Up to approx. 5.1× (Still picture)/Up to approx. 10.2× (Moving picture)
Mobile light source LED characteristics	a) Continuous illumination b) Wavelength 　White: 400-700 nm 　Red: 600-670 nm c) Maximum output 　White: 324 μW (inside handset 1.21 mW) 　Red: 238 μW (inside handset 884 μW)

Recording	Number of still pictures recorded 　Approx. 25,000 shots (when 　saved in 2 GB microSD Card)[9] Continuous shooting of still pictures 　VGA: 50 shots/HD: 18 shots File format for still picture 　JPEG Recording time for moving picture 　Up to approx. 90 min each (when 　saved on 2 GB microSD Card)[10] File format for moving picture 　MP4
Music playback	Continuous playback time WMA (Compatible with background playback): Approx. 1,360 min MP3 (Compatible with background playback): Approx. 1,430 min
Video playback	Continuous playback time WMV: Approx. 360 min
Memory capacity	Approx. 2,740 MB[11]
Wireless LAN	Meets IEEE 802.11b/g/n (2.4GHz)

*1 Continuous talk time is an estimate of the time during which you can communicate on a phone in a location where the signal is normal.
*2 Talk (Communication)/Stand-by time is shortened with the frequent use of each functions such as data communications, Multiaccess, camera function, 1Seg function, Bluetooth function, etc. Actual using time changes depending on the combination of talk (communication) and stand-by time. The longer the talk time is, the shorter the stand-by time becomes.

*3 Talk (Communication)/Stand-by time may be reduced by about half or 1Seg watching time/ Mobacas watching time is shortened depending on conditions including battery level status, functions used, temperature or other environmental conditions, and signal strength (no signal or weak signal).
*4 Continuous stand-by time is an estimate of the time when moving in a status where signals are received normally.
*5 This is the average usage time during which you are not moving and in a status where signals are received normally.
*6 1Seg watching time is an estimate of watching time in a status where signals are received normally.
*7 Mobacas watching time is an estimate of watching time in a status where signals are received normally.
*8 CMOS (Complementary metal-oxide semiconductor) is an image device equivalent to the film of silver salt cameras.
*9 Picture Size: VGA (640 × 480 dots)/Picture Quality: Normal/File size: 65 KB
*10 Picture Size: VGA (640 × 480 dots)/File size limit: 2 GB/Picture Quality: Normal/Type: Image + voice
*11 Depending on usage of applications which use common memory, the saving capacity of each data is reduced.

▌ Battery pack

Product name	Battery Pack SH31
Battery	Lithium-ion
Nominal voltage	3.7V DC
Nominal capacity	1520 mAh

Approximate storable number/ recordable time

This lists the approximate number of shot images and recording times that can be saved on 2 GB microSD Card. The number of images that can be shot or recordable image lengths are fewer or less when other images or other types of files are saved on 2 GB microSD Card. Also, the number or time may be fewer or less depending on the shooting conditions and the subject.

Number of still pictures that can be shot

	Normal	Fine	High Quality
VGA: 640×480	Approx. 25,000 shots	Approx. 20,000 shots	Approx. 17,000 shots
HD: 1280×720	Approx. 12,400 shots	Approx. 7,300 shots	Approx. 5,600 shots
2M: 1600×1200	Approx. 7,300 shots	Approx. 4,100 shots	Approx. 2,800 shots
FullHD: 1920×1080	Approx. 6,500 shots	Approx. 3,900 shots	Approx. 2,600 shots
8M: 2448×3264	Approx. 1,356 shots	Approx. 1,000 shots	Approx. 710 shots

Recording time of moving picture

Continuous shooting time of 2 GB microSD Card per shot

	Normal	Fine	High Quality
HD: 1280×720	Approx. 45 min	Approx. 45 min	Approx. 44 min
VGA: 640×480	Approx. 90 min	Approx. 90 min	Approx. 90 min
QVGA: 320×240	Approx. 90 min	Approx. 90 min	Approx. 90 min

Total shooting time of 2 GB microSD Card

	Normal	Fine	High Quality
HD: 1280×720	Approx. 86 min	Approx. 66 min	Approx. 44 min
VGA: 640×480	Approx. 270 min	Approx. 173 min	Approx. 129 min
QVGA: 320×240	Approx. 1,731 min	Approx. 1,204 min	Approx. 648 min

Specific Absorption Rate (SAR) of Mobile Phone

This model SH-06D mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

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

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.540 W/kg. There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

The actual SAR of this mobile phone while operating can be well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device.

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

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

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

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

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

Ministry of Internal Affairs and Communications Website:
http://www.tele.soumu.go.jp/e/sys/ele/index.htm
Association of Radio Industries and Businesses Website:
http://www.arib-emf.org/index02.html (in Japanese only)
NTT DOCOMO, INC. Website:
http://www.nttdocomo.co.jp/english/product/sar/
SHARP Corporation Website:
http://www.sharp.co.jp/products/menu/phone/cellular/sar/index.html (in Japanese only)

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

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

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 was 0.404 W/kg[*].

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 World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head.

* The tests are carried out in accordance with international guidelines for testing.

Declaration of Conformity

$C\epsilon0168①$

In some countries/regions, such as France, there are restrictions on the use of Wi-Fi. If you intend to use Wi-Fi on the handset abroad, check the local laws and regulations beforehand.

Hereby, Sharp Telecommunications of Europe Ltd, declares that this SH-06D is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
A copy of the original declaration of conformity can be found at the following Internet address:
http://www.sharp.co.jp/k-tai/ (in Japanese only)

FCC Notice

● This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

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

- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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 0.401 W/kg and when worn on the body, as described in this user guide, is 0.583 W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly.

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://www.fcc.gov/oet/ea/fccid/ after searching on FCC ID APYHRO00165.
Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website at http://www.ctia.org/.

Export Administration Regulations

The Japan Export Administration Regulations ("Foreign Exchange and International Trade Law" and its related laws) will be applied to this product and its accessories under certain conditions. The Export Administration Regulations are also 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

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  SD
  HC

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  MOBILE

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  Sharp Corporation has acquired DLNA certification for the device.
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- This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)
- Portions Copyright © 2004 Intel Corporation This product partly uses the software of Intel Corporation.
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Others

- FeliCa is a contactless IC card technology developed by Sony Corporation. FeliCa is a registered trademark of Sony Corporation.
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  - Decoding an MPEG-4 video that a customer not engaged in personal commercial activities has encoded.
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  See http://www.mpegla.com

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● CP8 PATENT

Index

This index lists function names and words summarizing the description in alphanumeric order.

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T

Check/Change the subscription, apply for various services, and request various information materials online.

My docomo (http://www.mydocomo.com/)▶各種 お申込・お手続き (Various Applications/ Procedures) (in Japanese only)

- ※ You will need your "docomo ID/Password" to access the site.
- ※ If you do not have or you have forgotten your "docomo ID/Password", contact the number listed in "General Inquiries" on the back of this manual.
- ※ The site may not be available depending upon the content of your subscription.
- ※ You may not be able to access some site services due to system maintenance, etc.

Using mobile phone with your manners!

Please be considerate of those around you when using the handset.

Turn off your handset in the following places

- ■ **When in an area where use is prohibited**
  Be sure to turn off the handset on an aircraft and in a hospital.
  - ※ There are people who use electronic medical equipment not only inside hospital wards but also outside hospital wards. Be sure to turn off the handset even in hospital lobby, waiting room, etc.
- ■ **When in crowded places such as rush-hour trains in case somebody nearby is using an implanted cardiac pacemaker or implanted cardioverter-defibrillator.**
  May have harmful effects on the operation of implanted cardiac pacemakers and implanted cardioverter-defibrillators.

Set the Public mode in the following places

- ■ **While driving**
  Using a mobile phone in hand while driving is regarded as a punishable act.
  However, some cases such as when rescuing sick and injured people or maintaining public safety are exempted.
- ■ **When in public places such as theaters, movie theaters or museums**
  Using the handset in public places where you should be quiet results in disturbing others.

Be aware of the place to use a mobile phone and the volume of your voice and ring tone

- ■ **Be aware of the volume of your voice when using the handset in quiet places such as restaurant and hotel lobby.**
- ■ **Use in places where you do not block a passage in the town.**

Be considerate of the privacy of the individuals around you

Please be considerate of the privacy of individuals around you when taking and sending photos using camera-equipped mobile phones.

These functions ensure the manner 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. 83)**
  Mutes sound of the handset.
  - ※ However, the manner mode cannot mute camera shutter sound.
- ● **Public mode (Power off) (☞P. 76)**
  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 disconnected automatically.
- ● **Phone vibe (☞P. 82)**
  Notifies you of incoming call with vibration.
- ● **Answer Memo (☞P. 82)**
  Records callers' messages when you cannot answer the call.
- ※ Additionally, optional services such as Voice Mail Service (☞P. 73) and Call Forwarding Service (☞P. 75) are available.

We collect your unnecessary mobile phones and other devices irrespective of carrier. Bring them to a docomo Shop near you.

モバイル・リサイクル・ネットワーク
携帯電話・PHSのリサイクルにご協力を。

※ Intended devices: Mobile phone, PHS, battery pack, charger and desktop holder (irrespective of carrier)

General Inquiries
<docomo Information Center>

(Business hours: 9:00 a.m. to 8:00 p.m.)

☎ 0120-005-250 (toll free)

※ Service available in: English, Portuguese, Chinese, Spanish, Korean.
※ 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) ■ From land-line phones (In Japanese only)

(No prefix) 151 (toll free)   0120-800-000 (toll free)

※ Unavailable from land-line phones, etc. ※ Unavailable from part of IP phones.

● Please confirm the phone number before you dial.
● For Applications or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo Shop etc. near you on the NTT DOCOMO website.
NTT DOCOMO website   http://www.nttdocomo.co.jp/english/

Repairs

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

■ From DOCOMO mobile phones (In Japanese only) ■ From land-line phones (In Japanese only)

(No prefix) 113 (toll free)   0120-800-000 (toll free)

※ Unavailable from land-line phones, etc. ※ Unavailable from part of IP phones.

Loss or theft of handset or payment of cumulative cost overseas
<docomo Information Center>

(available 24 hours a day)
From DOCOMO mobile phones

International call access code for the country you stay   -81-3-6832-6600* (toll free)

* You are charged a call fee to Japan when calling from a land-line phone, etc.
※ If you use SH-06D, you should dial the number +81-3-6832-6600
(to enter "+", touch "0" for a while).

From land-line phones
<Universal number>

Universal number international prefix   -8000120-0151*

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

Failures encountered overseas
<Network Support and Operation Center>

(available 24 hours a day)
From DOCOMO mobile phones

International call access code for the country you stay   -81-3-6718-1414* (toll free)

* You are charged a call fee to Japan when calling from a land-line phone, etc.
※ If you use SH-06D, you should dial the number +81-3-6718-1414
(to enter "+", touch "0" for a while).

From land-line phones
<Universal number>

Universal number international prefix   -8005931-8600*

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

● **If you lose your handset or have it stolen, immediately take the steps necessary for suspending the use of the handset.**
● **If the handset you purchased is damaged, bring your handset to a repair counter specified by DOCOMO after returning to Japan.**

Don't forget your mobile phone… or your manners!

When using your mobile phone in a public place, don't forget to show common courtesy and consideration for others around you.

Sales: NTT DOCOMO, INC.
Manufacturer: SHARP Corporation

LI-Ion00