General Inquiries <docomo Information Center>

0120-005-250 (toll free)

※ Service available in: English, Portuguese, Chinese, Spanish, Korean.
※ Available from mobile phones and PHSs.

■**From DOCOMO mobile phones**
(In Japanese only)
(No prefix) **151** (toll free)
※ Unavailable from land-line phones, etc.

■**From land-line phones**
(In Japanese only)
0120-800-000 (toll free)
※ Available from mobile phones and PHSs.

● 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 or the i-mode site.

NTT DOCOMO website *http://www.nttdocomo.co.jp/english/*

Repairs

■**From DOCOMO mobile phones**
(In Japanese only)
(No prefix) **113** (toll free)
※ Unavailable from land-line phones, etc.

■**From land-line phones**
(In Japanese only)
0120-800-000 (toll free)
※ Available from mobile phones and PHSs.

i-mode site   iMenu ▶お客様サポート (user support) ▶ドコモショップ
(docomo Shop) ※In Japanese only

Loss or theft FOMA terminal 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 (table 1) | **-81-3-5366-3114*** (toll free) |

* You are charged a call fee to Japan when calling from a land-line phone, etc.
※ If you use SH-08A, you should dial the number +81-3-5366-3114
(to enter "+", press and hold the "0" key for at least one second).

From land-line phones
<Universal number>

| International prefix number for the universal number (table 2) | **-800-0120-0151*** |

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ See P.412, P.413 for international call access codes for major countries (table 1) and international prefix numbers for the universal number (table 2).

Failures encountered overseas <Network Technical Operation Center> (available 24 hours a day)

From DOCOMO mobile phones

| International call access code for the country you stay (table 1) | **-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-08A, you should dial the number +81-3-6718-1414
(to enter "+", press and hold the "0" key for at least one second).

From land-line phones
<Universal number>

| International prefix number for the universal number (table 2) | **-800-5931-8600*** |

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ See P.412, P.413 for international call access codes for major countries (table 1) and international prefix numbers for the universal number (table 2).

● If you lose your FOMA terminal or have it stolen, immediately take the steps necessary for suspending the use of the FOMA terminal.
● If the FOMA terminal you purchased is damaged, bring your FOMA terminal to a repair counter specified by DOCOMO after returning to Japan.

Don't forget your mobile phone… or your manners!
When using your mobile phone in a public place, don't forget to show common courtesy and consideration for others around you.

Sales: NTT DOCOMO, INC.
Manufacturer: SHARP Corporation

'09.● (1st Edition)
TINSEA***AFZZ
09● *.* ** SM***①

docomo

SH-08A

INSTRUCTION MANUAL

'09.●

SH-08A

'09.●

| ISSUE DATE: |
| NAME: |
| PHONE NUMBER: |
| MAIL ADDRESS: |

INSTRUCTION MANUAL

docomo **STYLE** series

DOCOMO W-CDMA System

Thank you for purchasing the docomo STYLE series SH-08A. Make sure thoroughly read this manual and the manuals included with optional accessories before and during use to ensure proper operation. If any of the contents in this manual are unclear, please contact number listed in "General Inquiries" on the back of this manual.
The SH-08A is designed to make your everyday life more convenient. Careful use will ensure a long service life.

Using the FOMA terminal

- Because it relies on radio signals, the FOMA terminal 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. There may be times when the terminal cannot be used 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.
- Make sure not to disturb others when using in public places, places with many people or quiet places.
- Because the FOMA terminal uses electrical signals, it is possible for a third party to listen in on a conversation. However, since the W-CDMA system automatically applies privacy to every call, a third party that tries to listen in only hears static.
- The FOMA terminal 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. phonebook, schedule, Text memo, Record message, Voice memo) stored in the FOMA terminal. DOCOMO shall not be liable for any loss of content due to a failure, repair, upgrade or other handling of the FOMA terminal.

- Save the important data to the microSD Card. Or, forward and store the information such as a phonebook, mail and schedule to a PC using DOCOMO keitai datalink.
- The user hereby agrees that the user shall be solely responsible for the result of the use of SSL/TLS. Neither DOCOMO nor the certifier as listed herein makes any representation and warranty as for the security in the use of SSL/TLS. In the event that the user shall sustain damage or loss due to the use of SSL/TLS, neither DOCOMO nor the certifier shall be liable for any such damage or loss.
- Certifier: VeriSign Japan K.K., Cybertrust Japan Co.,Ltd., GlobalSign K.K., RSA Security Japan Ltd., SECOM Trust Systems Co., Ltd., Comodo CA Ltd
- This FOMA terminal supports the FOMA Plus-Area and the FOMA HIGH-SPEED area.
- This FOMA terminal can be used only via the FOMA network provided by DOCOMO and DOCOMO's roaming area.

Using this manual

This FOMA terminal supports Kisekae Tool (☞P. 101). When the Custom menu image is changed by Kisekae Tool, some items in the Custom menu may be changed according to the menu history. In addition, some items cannot be selected even if the function numbers are entered.
In this case, operations may not run as explained in this manual. Switch the menu screen to the Basic menu (☞P. 39) or perform the Reset menu screen (☞P. 102).

Download the latest information on this manual from the DOCOMO website.
- "User's Manual (in PDF format)" Download
  http://www.nttdocomo.co.jp/english/support/manual/index.html
※ The URL and contents of this manual are subject to change without prior notice.

Precautions (ALWAYS FOLLOW THESE DIRECTIONS)

- Before use, read these "Precautions" carefully and use your FOMA 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 FOMA terminal 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 "bodily 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 six sections.

Handling the FOMA terminal, battery pack, adapters, and FOMA card (general)

⚠️Danger

🚫
Don't

Do not use or leave the FOMA terminal, battery pack, adapters or FOMA card in locations subject to high temperatures (near a fire or stove, on a hot day, etc.). May catch fire, or cause explosion, malfunction or fire.

The FOMA terminal may become deformed or malfunction. In addition, the battery pack may leak, overheat, explode, catch fire or suffer performance loss and a reduced service life. Part of the casing may also become hot and cause burns.
Refer to "Solar charge" (☞P. 21) when charging with solar energy.

🚫
No disassembly

Do not attempt to disassemble or modify. In addition, do not attempt to solder.

May cause accidents such as fire, bodily injury, electric shock or malfunction.
In addition, the battery pack may leak, overheat, explode or catch fire.

🚫
No liquids

Do not get the FOMA terminal, battery pack, adapters or FOMA card wet.

Contact with water, pet urine, and other liquids may cause overheating, electric shock, fire, malfunction or bodily injury. Be attentive to where and how you use the handset.

❗
Instruction

Use only the battery packs and adapters specified by NTT DOCOMO for use with the FOMA terminal.

The use of devices other than those specified may cause the FOMA terminal, battery pack or other devices to leak, overheat, explode, catch fire or malfunction.

⚠️Warning

🚫
Don't

Do not place the battery pack, FOMA terminal, adapters, or FOMA card inside cooking appliances such as microwave ovens or pressure cookers.

The battery pack may leak, overheat, explode or catch fire, and the FOMA terminal and adapters may overheat, emit smoke or catch fire. The internal circuitry may also be damaged.

🚫
Don't

Do not subject the FOMA terminal to strong impacts or throw it.

The battery pack may leak, overheat, explode or catch fire. Other devices may also be damaged or cause a fire.

🚫
Don't

Do not allow conductive materials (such as metal objects and pencil lead) to come into contact with the charger terminal or external device terminal. In addition, do not insert such objects.

The battery pack may short-circuit and cause a fire or malfunction.

❗
Instruction

Make sure to turn off the mobile phone in locations such as gas stations where flammable gas is generated. In addition, do not charge the battery. It may cause a gas explosion or fire.

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

❗
Instruction

If you notice anything unusual, such as an unusual odor, overheating, discoloration or deformation during use, charging or storage, immediately follow the instructions below.
1. **Unplug the power cord from the outlet or cigarette lighter socket.**
2. **Turn off the FOMA terminal.**
3. **Remove the battery pack from the FOMA terminal.**

Continued use (charging) may cause overheating, explosion, or fire. In addition, the battery pack may leak.

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⚠ Caution

🚫 **Don't**

Do not leave the FOMA terminal on unstable surfaces, such as on a wobbling table or sloped surface.

The FOMA terminal may fall and cause injury or be damaged.

🚫 **Don't**

Do not store the FOMA terminal in direct sunlight (inside a car, etc.) or in locations that are subject to high temperatures, extremely cold temperatures, humidity or dust.

May cause a malfunction.
Refer to "Solar charge" (☞P. 21) when charging with solar energy.

❗ **Instruction**

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

May result in bodily injury.

❗ **Instruction**

Keep the FOMA terminal out of the reach of young children.

A young child may swallow components or suffer other bodily injury.

❗ **Instruction**

Be very careful when using the FOMA terminal connected to adapters repeatedly or for long periods of time.

The FOMA terminal, battery pack or adapters may become warm if i-αppli, Videophone, or 1Seg is used for a long time while charging. Touch high temperature areas for a prolonged period of time may cause skin irritations, itchiness, or low-temperature burn in some people.

Handling the FOMA terminal

⚠ Warning

🚫 **Don't**

Strong light is reflected when it is exposed to housing during solar charge, etc. Do not gaze at the reflected light.

Eyesight may be decreased.

🚫 **Don't**

Do not aim the Infrared port towards the eyes.

May cause eye injury. In addition, do not aim or direct the Infrared port towards another Ir device as this may cause the device to malfunction.

🚫 **Don't**

Do not point the illuminated light directly at someone's eyes.

Do not use Picture Light near people's faces. Eyesight may be temporarily affected leading to accidents.
Precautions:
The picture 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 terminal.

EN60825-1:1994 A1:2002 & A2:2001

CLASS1
LED Product
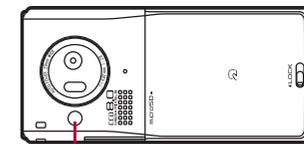
Picture Light

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 Picture 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.

Ⓝ **Don't**
Do not put the FOMA terminal in the place where it could be affected by an expanded airbag, e.g., on the dashboard.

If the air bag inflates, the FOMA terminal may hit you or others around you, resulting in bodily injury or damage to the FOMA terminal or other property.

Ⓝ **Don't**
If you are using electronic medical equipment, do not put the FOMA terminal in your breast pocket or in the inside pocket of your jacket.

Using the FOMA terminal in close proximity to electronic medical equipment may cause the equipment to malfunction.

Ⓝ **Don't**
Do not allow water or other liquids, metal, flammable material, or other foreign objects to enter the FOMA card or microSD Card port on the FOMA terminal.

May cause a fire, electric shock or other malfunctions.

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

This may prevent a driver from driving safely and cause a traffic accident.

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

The FOMA terminal may interfere with the operation of electronic devices and electronic medical equipment. In addition, if Auto power ON function is set to ON, disable this function before turning off your mobile phone.

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

In addition, actions such as using on a mobile phone aboard aircraft are prohibited and may be punishable by law.

❗ **Instruction**
During a call in which hands-free is set, keep the FOMA terminal away from the ears.
When you attach the earphone/microphone to the FOMA terminal to play games or music, do not make the volume too loud.

Excessive high volume may damage your hearing. Also it may prevent you from hearing the ambient sounds and cause an accident.

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

Various settings may have effects on your heart.

❗ **Instruction**
If you hear thunder while using the FOMA terminal outdoors, immediately turn it off and move to a safe location.

There is a risk of being struck by lightning and suffering electric shock.

❗ **Instruction**
Turn the FOMA terminal off near high-precision electronic devices or devices that use weak electronic signals.

The FOMA terminal 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 vendor to check whether the operation of the equipment is affected by signals.

⚠ Instruction **In case that the display part, the solar panel or camera lens is damaged, make sure to pay attention to a broken glass and the exposed inside of the FOMA terminal. Stop using the FOMA terminal immediately.**

The display part, the solar panel or the surface of 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

🚫 Don't **Do not swing the FOMA terminal by its strap, etc.**

The FOMA terminal may hit you or others around you, resulting in bodily injury or damage to the FOMA terminal or other property.

🚫 Don't **When using Motion tracking, confirm the safety of surroundings, hold the FOMA terminal securely and do not swing it around more than necessary.**

Use Motion tracking to operate by tilting and shaking (or swinging) the FOMA terminal. The FOMA terminal may hit people or objects, if shaken (or swung) too much, and cause a serious accident or damage, etc.

🚫 Don't **If using Motion tracking with the FOMA terminal to which metallic straps or others are attached, be careful not to hit people or objects with the straps.**

May result in bodily injury or damage to the FOMA terminal or other property.

🚫 Don't **If the display is broken and the liquid crystal then leaks, do not lick or inhale the liquid or get the liquid on 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.**

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

🚫 Don't **While the ring tone is ringing or a melody is played on the FOMA terminal, do not put the ears closer to the speaker.**

This may cause hearing loss.

⚠ Instruction **Using the FOMA terminal in an automobile may sometimes affect the electronic equipment in some vehicle models.**

In such cases, stop using the FOMA terminal, as this could impede safe driving.

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

The following parts contain metals.

Part	Material	Surface treatment
External connector terminal	SUS	Gold plating
Inside microSD Memory Card slot		
Charger terminal		

⚠ Instruction **Do not close the FOMA terminal on your fingers or objects such as the strap.**

May result in bodily injury or cause a malfunction.

⚠ Instruction **Watch 1Seg in a well-lit place, keeping a certain distance from the screen.**

Otherwise, eyesight may be decreased.

Handling battery pack

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

Label	Battery type
Li-ion 00	Lithium-ion

⚠ Danger

Don't
Do not touch terminals with metallic objects such as wires. In addition, do not carry or store the battery pack with metallic necklaces, etc.
The battery pack may leak, overheat, explode or catch fire.

Don't
If you are having difficulty fitting the battery pack to the FOMA terminal, do not use excessive pressure to force the battery into place. Check that the battery pack is facing the correct direction before you attach it.
The battery pack may leak, overheat, explode or catch fire.

Don't
Do not throw the battery pack into a fire.
The battery pack may leak, overheat, explode or catch fire.

Don't
Do not puncture, hit with a hammer or step on the battery pack.
The battery pack may leak, overheat, explode or catch fire.

Instruction
If the battery fluid comes into contact with your eyes, do not rub your eyes but immediately rinse your eyes with clean water. Then seek prompt medical treatment.
May result in loss of eyesight.

⚠ Warning

Don't
If any trouble is found on the battery pack due to an external impact such as a deformation or scratches caused by a drop, immediately stop using it.
The battery pack may leak, overheat, explode or catch fire. Other equipment may also be damaged or catch fire.

Instruction
If the battery pack is not fully charged after the specified time has elapsed, stop charging.
The battery pack may leak, overheat, explode or catch fire.

Instruction
If the battery pack leaks or emits an unusual odor, immediately stop use and move it away from any flame or fire.
The battery fluid is flammable and could ignite, causing a fire or explosion.

Instruction
Prevent your pet from biting the battery pack.
The battery pack may leak, overheat, explode or catch fire. Other equipment may also be damaged or catch fire.

⚠ Caution

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

Don't
Do not charge a wet battery pack.
The battery pack may overheat, catch fire or explode.

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If the battery fluid comes into contact with your skin or clothing, stop using the FOMA terminal immediately and rinse it off thoroughly with clean water.

Instruction

May cause injuries to your skin.

Handling adapters

⚠Warning

Do not use if the adapter's cord or power cord is damaged.

Don't

May cause electric shock, overheating or fire.

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

Don't

May result in electric shock.

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

Don't

May cause a fire.

Do not touch the FOMA terminal or adapters if you hear thunder.

Don't

There is a risk of being struck by lightning and suffering electric shock.

Take care not to short-circuit the charging 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 charging terminal.

Don't

May result in a fire, equipment malfunction, electric shock or bodily injury.

Place the adapter and desktop holder on stable surfaces when charging. In addition, do not cover or wrap the adapter or desktop holder with clothing or bedding.

Don't

The FOMA terminal may detach, overheat, or cause a fire or malfunction.

Do not place heavy objects on the adapter's cord or power cord.

Don't

May cause an electric shock or fire.

Do not handle the cord and plug of the adapters with wet hands.

No wet hands

May result in electric shock.

Always use the specified power supply and voltage.

Instruction

Using the incorrect voltage may cause a fire or malfunction.

When using overseas, use the AC adapter that is available overseas.

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 household AC outlet)

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

Instruction

Using the fuse other than the specified one may cause a fire or malfunction. Refer to the respective manuals for information on the correct fuse specifications.

Wipe off any dust on the power plug.

Instruction

May cause a fire.

When plugging the AC adapter into the outlet, make sure that no metallic straps or other metallic objects are caught between the plug and the socket.

Instruction

May cause electric shock, short-circuiting or fire.

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

Instruction

Pulling on the cord may damage the cord and cause an electric shock or fire.

◉ **Unplug the power cord from the outlet when not using for a long time.**

Unplug

May cause an electric shock, fire, or malfunction.

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

Unplug

May cause an electric shock, smoke emission or fire.

◉ **Always unplug the power plug from the outlet or cigarette lighter socket before cleaning the adapters.**

Unplug

May result in electric shock.

Handling FOMA card

⚠Caution

◉ **Be careful with the cutting surface when detaching the FOMA card (IC).**

Instruction

May cause injuries to your hand or fingers.

Handling mobile phones 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 FOMA terminal into operating rooms, ICUs (Intensive Care Units) or CCUs (Coronary Care Units).
- ● Turn off your FOMA terminal inside hospital wards.
- ● Turn off your FOMA terminal 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.
- ● If Auto power ON function is set to ON, disable this function before turning off your mobile phone.

◉ **Turn off your FOMA terminal 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 affect the operation of implanted cardiac pacemakers and implanted cardioverter-defibrillators.

◉ **If you have an implanted cardiac pacemaker or an implanted cardioverter-defibrillator, always carry or use your FOMA terminal at least 22 cm away from your implant.**

Instruction

Electromagnetic signals may affect the operation of implanted cardiac pacemakers and implanted cardioverter-defibrillators.

◉ **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 affect the operation of electronic medical equipment.

Handling precautions

General notes

● **SH-08A is waterproof, however, do not allow water to seep into the FOMA terminal and do not allow accessories or optional parts to get wet.**
The FOMA terminal is waterproof to IPX5 and IPX7 standards if the external connector terminal cover is securely closed as well as the back cover is attached and locked, however, it is not completely waterproof. In the rain or with the handset wet, do not attach/remove the battery pack or open/close the external connector terminal cover or back cover. Seeped water may cause corrosion inside the terminal. Accessories and optional parts are not waterproof. Note that if problem is found to be due to moisture, handset and parts are not covered by warranty and in some cases may be irreparable. Even where repairs are possible, repair charges will be incurred since damage is not covered by warranty.

● **Clean only with a soft and dry cloth (such as the type used for eyeglasses).**
The surface of the handset's LCD has a special coating to improve the visibility of the color display. Forceful rubbing of LCD with a dry cloth may scratch LCD surface. Handle the handset carefully and clean using a soft and dry cloth (such as the type used for eyeglasses). Note also that LCD coating may peel off or 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.**
Unclean terminals may result in poor connections and loss of power. Keep terminal clean with a dry cotton swab, etc.
Take care of 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 malfunction.

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

● **Read the manuals supplied with the FOMA terminal, adapters, and desktop holder carefully.**

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

Notes about the FOMA terminal

● **Avoid using the handset in extremely high or low temperatures.**
Use the FOMA terminal 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%. Malfunctions deemed to be caused by using under the conditions of extreme temperature and humidity are not covered by the warranty and not repaired.

● **Do not subject the display or the solar panel to strong force or impacts intentionally.**
May be scratched and cause a malfunction.

● **Clean the solar panel part only with a soft and dry cloth (such as the type used for eyeglasses).**
May cause malfunction if cleaning with a wet cloth or glass cleaner.

● **Using the handset close to landline phones, TVs or radios may affect the operation of such equipment. Move as far away as possible from such items before use.**

- **Keep a separate memo and note information stored in the FOMA terminal.**
DOCOMO shall not be liable for any loss of content.

- **Do not drop or otherwise subject the FOMA terminal to severe impact.**
May damage the handset and cause malfunction.

- **When connecting an external connector device to the external connector terminal (earphone/microphone terminal), do not put it in obliquely or do not pull it while it is plugged in.**
May damage the handset and cause malfunction.

- **Do not close the FOMA terminal on strap, etc.**
May damage the handset and cause malfunction.

- **FOMA terminal may become warm during using or charging but this is not a malfunction.**

- **Do not leave the camera in direct sunlight.**
May cause discoloration or burn-in.

- **Use the FOMA terminal with the external connector terminal cover on.**
Dust, water and others enter inside and cause a malfunction.

- **Do not use the FOMA terminal without the back cover.**
May detach the battery pack or cause malfunction or damage.

- **Do not cover the surface of the display, keys, or buttons with an extremely thick sticker.**
May cause malfunction.

- **Do not cover the back of the display part or the solar panel part with a label, sticker, etc.**
Solar charge may not be available. A label or sticker become scratchy when opening or closing the FOMA terminal. May cause malfunction or damage.

- **Read the description of the sticker attached on the solar panel part and peel it off before using.**
Solar charge is not available with the sticker attached.

- **Expose the solar panel part to enough sunlight to charge the battery effectively. However, do not leave the FOMA terminal in the sunlight inside the closed car.**
The FOMA terminal becomes hot in a short time causing burns or malfunction.

- **While using a microSD Card, do not remove the card or turn off the FOMA terminal.**
May cause data loss or malfunction.

- **Never place a magnetic card near or in the FOMA terminal.**
The stored magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.

- **Never place magnetized items near the FOMA terminal.**
Putting highly magnetized items closer may cause a malfunction.

Notes about battery pack

- **Battery pack is a consumable product.**
Though usage time varies with use, change battery if battery level is extremely low even after fully charged. Purchase a specified new battery pack.

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

- **Refer to "Solar charge" (☞P. 21) when charging with solar energy.**

- **Always charge the battery before the first use or after not using battery for a long time.**

- **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 followings when the battery pack is stored for a long term.**
  - The storage with the battery pack fully charged (immediately after charging is completed)
  - The storage with no battery level (cannot turn the FOMA terminal on)

May lower the performance or shorten the life of the battery pack. The second or third level of the battery pack icon is recommended as the battery level for long-term storage.

Notes about adapters

- Charge battery in areas where ambient temperature is between 5°C and 35°C.
- Do not charge 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 may become warm during charging but this is not a malfunction.
- Do not use DC adapter to charge battery when the car engine is not running.
  May cause car battery to run down.
- When using an outlet with a feature to prevent the plug from being removed accidentally, follow 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 FOMA card

- Do not apply unnecessary force when inserting/removing the FOMA card.
- FOMA card may become warm during using but this is not a malfunction.
- Customer is responsible for malfunctions arising from inserting FOMA 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 FOMA card.
  DOCOMO shall not be liable for any loss of content.
- To protect the environment, please take any unnecessary FOMA cards to a docomo Shop or retailer.
- Avoid using in extremely high or low temperatures.
- Do not damage, touch haphazardly or short-circuit the IC.
  May cause data loss or malfunction.
- Do not drop or otherwise subject the FOMA card to severe impact.
  May cause a malfunction.
- Never bend or place heavy objects on the FOMA card.
  May cause a malfunction.
- Do not insert the FOMA card to the FOMA terminal with a label or sticker attached on the card.
  May cause a malfunction.

FeliCa reader/writer

- The FeliCa reader/writer function in the FOMA terminal 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 FOMA terminal that is modified. Using a modified device violates the Radio Law.
  The FOMA terminal 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 FOMA terminal as a proof. If the screws of FOMA terminal are removed and a modification is given to the inside, the certification of conformity with technical regulations will become invalid. Never use the FOMA terminal without the valid certification. Doing so violates the Radio Law.
- Be careful when using the FOMA terminal while driving a motor vehicle.
  While driving, using a mobile phone in hand is regarded as a punishable act. If there is no choice but to receive a call, use hands-free and tell the caller that you will "call back" and then pull over to a safe place to make a call.
- Use the FeliCa reader/writer function only in Japan.
  The FeliCa reader/writer function in the FOMA terminal conforms to the domestic radio wave standards. Using the function overseas may result in punishment.

Solar charge

SH-08A has a solar electric generating function. Expose the solar panel to the sunlight to convert solar energy into electric energy and the battery pack can be charged.

● Solar charge can be performed even when the FOMA terminal is turned off.

Things to keep in mind

Charging can be performed safely and effectively by proper use.
● Solar charge can be performed in the following places.
  ■ Outdoors   ■ By a window indoors   ■ By a window in the train, etc.
● Charging can be performed effectively by exposing the solar panel part to the sun. However, do not put the stuff on the surface of the display, keys or buttons of the FOMA terminal and not twist the FOMA terminal forcibly to expose the solar panel to the sun. May cause a malfunction or error.
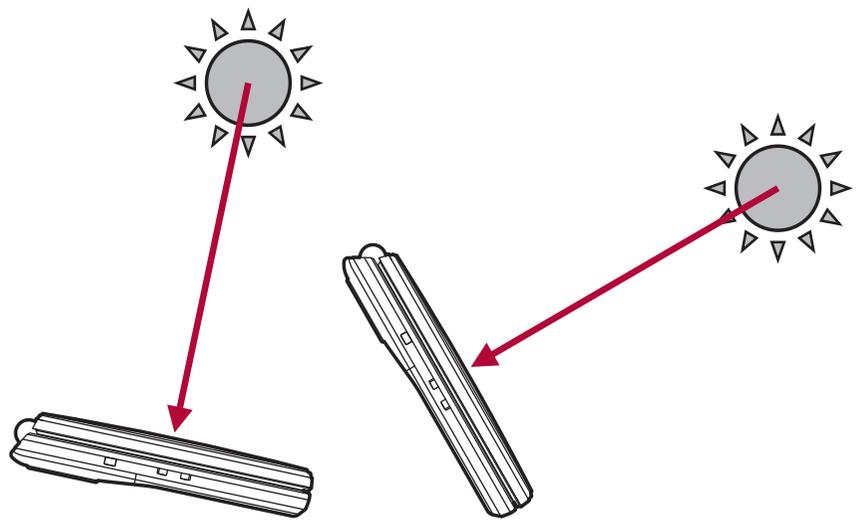
● Note that the amount of charge differs depending on the solar position and solar altitude even if the length of charge time is same. Also, the solar position and solar altitude vary with latitude, longitude, season and hours, etc. of the place the charging is performed.

Around noon

Around 3 p.m.
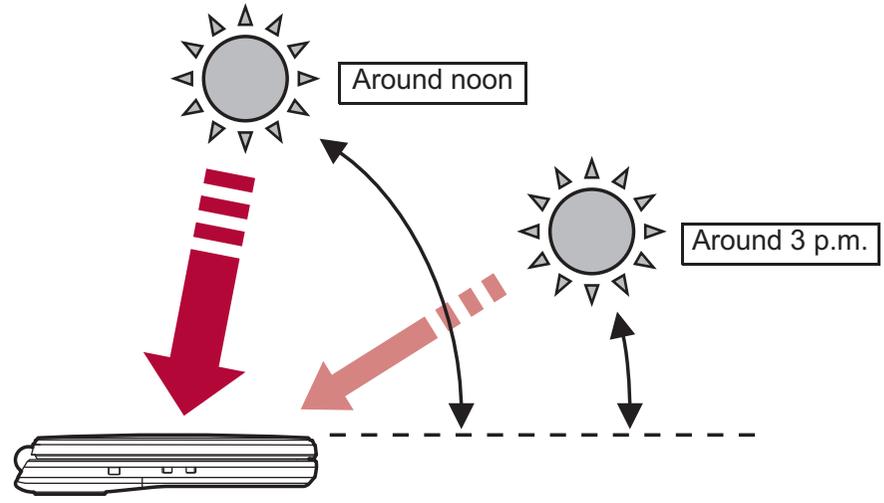
■ Estimated times of use when charged with solar energy

Weather	Illuminance	Charge time*1	Time of use*2	
			Call	Stand-by
Sunny	80,000 lux or more	10 min	Approx. $$ min	Approx. $$ hr
		30 min	Approx. $$ min	Approx. $$ hr
		60 min	Approx. $$ min	Approx. $$ hr
Cloudy	Approx. 40,000 lux	10 min	Approx. $$ min	Approx. $$ hr
		30 min	Approx. $$ min	Approx. $$ hr
		60 min	Approx. $$ min	Approx. $$ hr
Rainy	Approx. 6,000 lux	Solar charge is not available.		

*1 Charge time is the estimated time when charging the battery by exposing the solar panel part to the sun with no battery level.
*2 Time of use may shorten depending on the usage time of the battery pack, the ambient temperature and the signal status.

■ When solar charge cannot be performed sufficiently

Efficiency of the solar charge varies a lot depending on conditions such as the ambient temperature, illuminance, etc.

● Note that the battery may not be charged with solar energy sufficiently in the following cases.
  ■ When ambient temperature is high
  ■ When charging for long periods of time in the place where the FOMA terminal becomes cold such as high mountains or in the snow
  ■ When the solar panel part is not exposed to the sun by dangling the FOMA terminal around your neck with the strap, etc.
  ■ When charging through the windows which block direct sunlight such as frosted or film windows
  ■ When the FOMA terminal is behind the curtain
  ■ When sticker, etc. is attached on the solar panel
  ■ When other functions of the FOMA terminal are used simultaneously

■ When solar charge cannot be performed

● Note that the battery cannot be charged with solar energy in the following cases.
  ■ When the battery level is approximately 78% or more
  ■ When using the lighting such as a fluorescent lamp for indoors
  ■ When charging the battery with other than solar charge such as using AC adapter
  ■ When the FOMA terminal is hot
  ■ When there is not enough illuminance such as rainy days

Precautions

■ Temperature increase of the FOMA terminal by solar charge

The solar panel of the FOMA terminal is black to absorb the sunlight as much as possible. Therefore, the FOMA terminal is subject to become hot. Be careful not to leave the FOMA terminal in the sunlight for long periods of time.

● When the FOMA terminal becomes hot above a certain level, the solar charge LED illuminates in orange. Hold the sides of the FOMA terminal and move it to the cool place.

• For details on the performance when the solar charge LED illuminates in orange
● When the solar charge is performed under inclement weather conditions such as overseas, note that the FOMA terminal may become hot in a short time.
● When the FOMA terminal is exposed to the direct sunlight for long periods of time, the solar panel of the FOMA terminal becomes hot. Be very careful to touch the FOMA terminal and hold the sides of the FOMA terminal and move it to the cool place.
● Solar charge stops automatically in the place the FOMA terminal becomes hot.

■ Notes regarding use for solar charge

● Never charge the battery with solar energy in the following ways. If doing so, the FOMA terminal becomes hot causing malfunction or fire.
  Example: Solar charge methods that are not allowed
  ■ Charging for long periods of time in the place which is subject to high temperature such as closed cars or sealed clear boxes
  ■ Charging with the halogen light or infrared lamp which gives off high temperature
  ■ Charging with light focus using mirror, magnifying glass, lenses, etc.
  ■ Charging in the place which is subject to high temperature such as sand pit, rocky stretch, metal, cement and plastic (tables and air compressor), etc.
  ■ Charging for long periods of time in the strong sunlight such as swimming pool and beach
● The following charging devices (sold separately) cannot be used in locations subject to high temperatures. Do not use them in conjunction with solar charge.
  ■ Desktop Holder SH25　　　　■ FOMA AC Adapter 01/02
  ■ FOMA DC Adapter 01/02
  ■ FOMA USB Cable with Charge Function 02
  ■ FOMA AC Adapter 01 for Global use
  ■ FOMA Portable Charging Adapter 01
● Do not cover the solar panel by putting decoration stickers, writing with permanent marker or applying cosmetics (lipstick, foundation, sun-block cream, etc.). The battery may not be charged.
● Solar charge stops when the battery pack is removed.

Waterproofness

SH-08A is waterproof to IPX5 (former JIS protection code 5)[*1] and IPX7 (former JIS protection code 7)[*2] standards if the external connector terminal cover is securely closed as well as the back cover is attached and locked.

*1 IPX5 means that SH-08A 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-08A 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.

● Call or watch 1Seg programs without using an umbrella in the rain (for rainfall of approximately 20 mm per hour).

● Rinse off dirt from the FOMA terminal. Wash the FOMA terminal 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 locked, and the external connector terminal cover held in position. Drain the handset before use (☞P. 26).

● Use the FOMA terminal at a poolside. Do not soak the FOMA terminal in the water of a swimming pool. If the FOMA terminal gets wet with water from the swimming pool, wash it as described above.

● Use the FOMA terminal in a bathroom. Do not soak the FOMA terminal in the bathtub.

Things to keep in mind

To maintain waterproof performance, check the followings.

● Securely close the external connector terminal cover and the back cover. Be careful not to place too much 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.

● Before using, make sure that the back cover lever is at the LOCK position.

● The external connector terminal cover and the back cover are structured to be closed securely to maintain the waterproof performance. Note that, if trying to open them forcibly, your nail or finger may be injured.

■ Opening external connector terminal cover

Hook a finger on the slot to open.
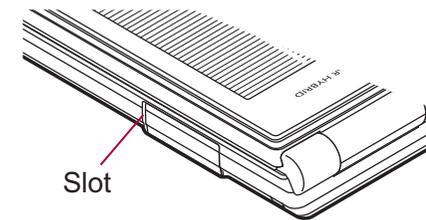
Slot

■ Closing external connector terminal cover
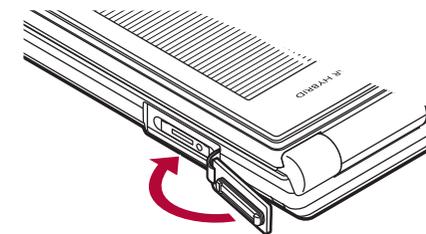
■ **Attaching back cover**

1 **Insert the tab of the top of the back cover into the FOMA terminal slot (❶), attach it in the direction of the arrow (❷) and push it down with both hands securely (❸).**

- The wrong side of the back cover has five tabs that make it easy to attach. Securely push the tab areas down with both hands so that there is no gap between the FOMA terminal and the back cover.
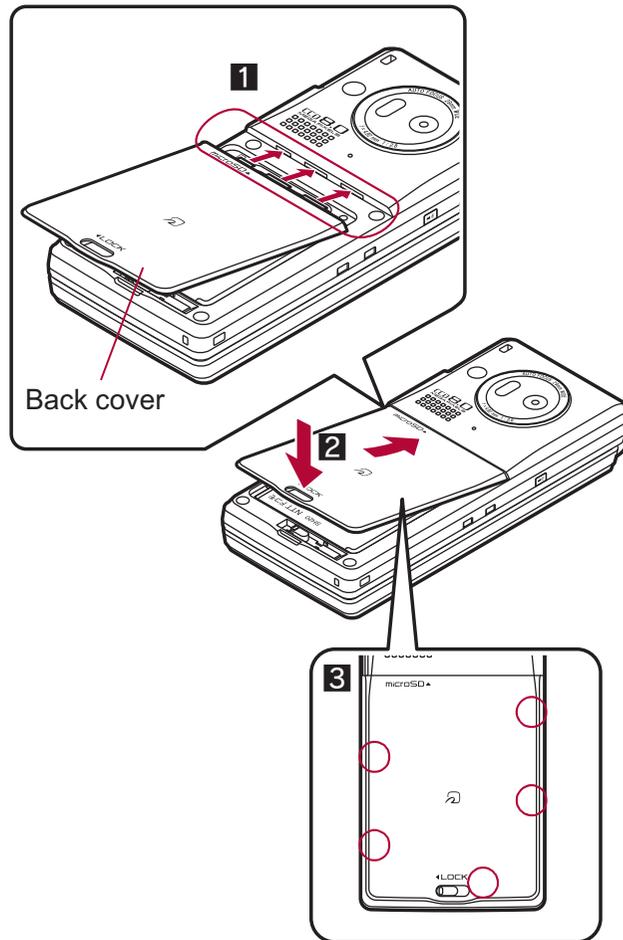
Back cover

Securely push the tab areas down with both hands

2 **Slide the back cover lever in the direction of the arrow (❹) to lock.**
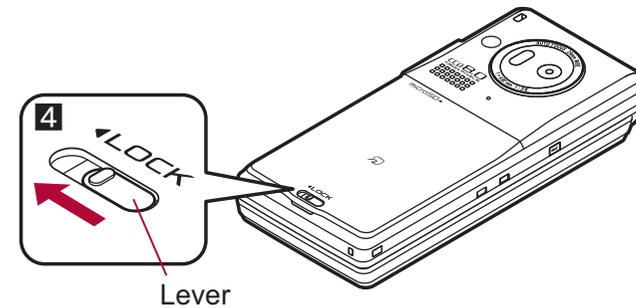
Lever

■ **Removing back cover**

1 **Slide the back cover lever in the direction of the arrow (❶) to unlock and remove the back cover (❷).**

- The FOMA terminal has a slot that make it easy to remove the back cover. Hold the FOMA terminal without placing too much force on the back cover, hook a nail on the slot, and lift the back cover to remove as the figure shows.

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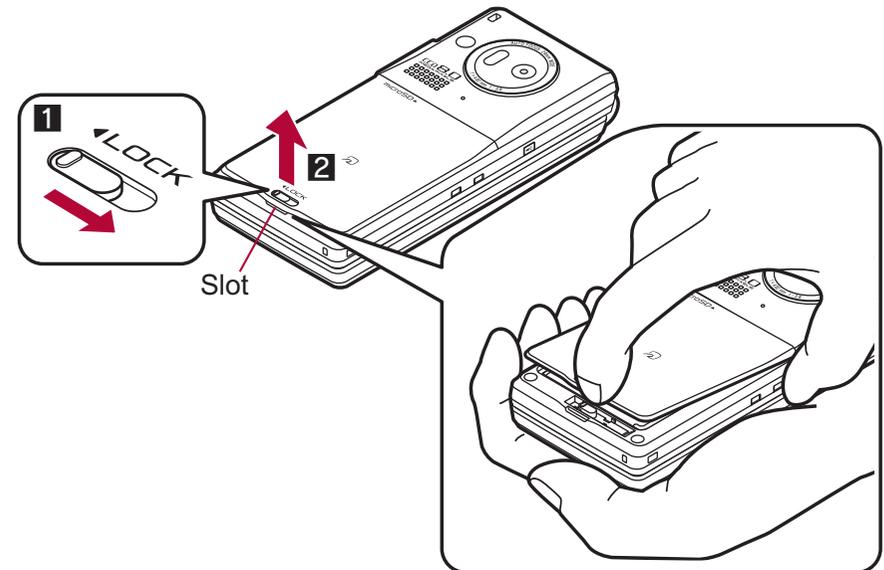
- To maintain waterproof performance, replacement of parts is required every 2 years regardless of whether the FOMA terminal appears normal or abnormal. DOCOMO replaces the parts as a chargeable service. Bring the FOMA terminal to a repair center that DOCOMO specifies.

Precautions

- When your hands or the FOMA terminal are wet, do not attach/remove the back cover or open/close the external connector terminal cover.
- Securely lock the back cover and close the external connector terminal cover. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow water to seep.
- If the FOMA terminal gets wet with water or other liquids with the external connector terminal cover or the back cover open, the liquid may get inside the terminal causing electric shocks or malfunction. Stop using the FOMA terminal, turn off the power, remove the battery pack and contact a repair center that DOCOMO specifies.
- The rubber gasket of the external connector terminal cover and the back cover play an important role in maintaining waterproof 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. May damage the rubber gasket and allow water to seep.

- 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 FOMA terminal underwater (including opening/closing and key operations). May cause malfunction.
- Do not apply water flow stronger than allowed (over 6 liters/min.). May cause malfunction though SH-08A provides waterproof performance of IPX5.
- Do not let the FOMA terminal get wet with liquids other than water at room temperature (between 5°C and 35°C).
- Do not wash the FOMA terminal in a washing machine, etc.
- To prevent condensation, do not bring the FOMA terminal from a cold place to a bathroom, etc. without letting the FOMA terminal cool to room temperature.
- Do not expose the FOMA terminal to extreme humidity for long periods. Avoid prolonged use in bathrooms.
- Never soak the FOMA terminal in hot spring water or water containing soap, detergent or bath powder.
- Do not soak the FOMA terminal in hot water, use it in a sauna or apply hot air (from a hair dryer, etc.) to it.
- Do not soak the FOMA terminal in seawater.
- Do not put the FOMA terminal directly on sand/dirt.
- Do not leave the FOMA terminal wet. In cold places, water may freeze and cause malfunction.
- The FOMA terminal does not float on water.
- Do not let the FOMA terminal fall. It may become scratched and cause the waterproof performance to degrade.
- Do not leave water on the mouthpiece, earpiece or speaker. Such water may interfere with talking.

- Do not poke the mouthpiece, earpiece or speaker with a cotton swab or sharp object. May damage the waterproof performance.
- Accessories and optional parts are not waterproof. When the FOMA terminal is placed on the desktop holder, do not use it in rooms which water is regularly in use such as bathroom, shower room, kitchen, lavatory, etc. even if it is not connected to the AC adapter.

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 FOMA terminal gets wet

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

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

2 Shake the FOMA terminal approximately 20 times, securely holding its hinge section, until there is no more water splattering.

To drain water off the speaker, shake the FOMA terminal with the speaker upward
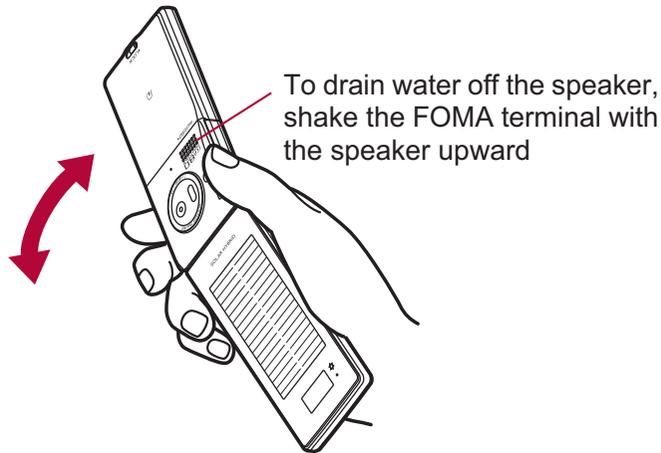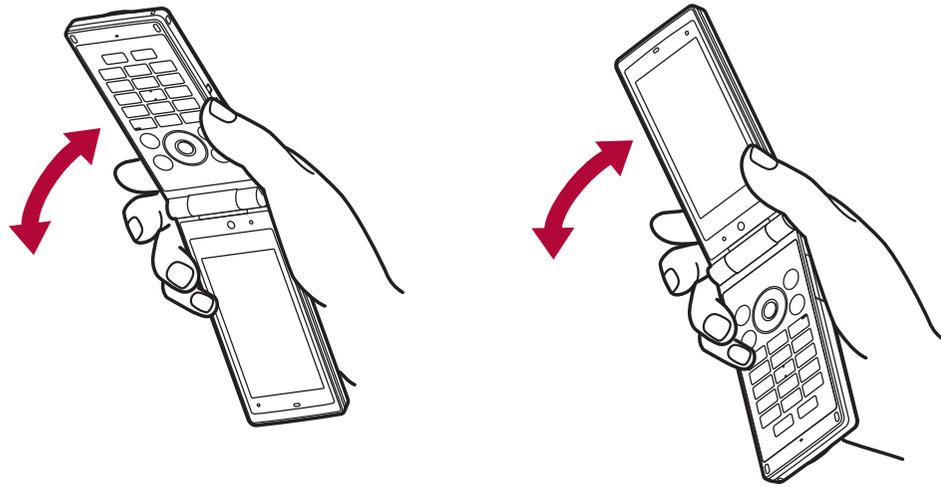
3 **Softly press dry and clean cloth, etc. against the FOMA terminal to wipe off water remaining in the mouthpiece, earpiece, speaker, keys or hinges.**

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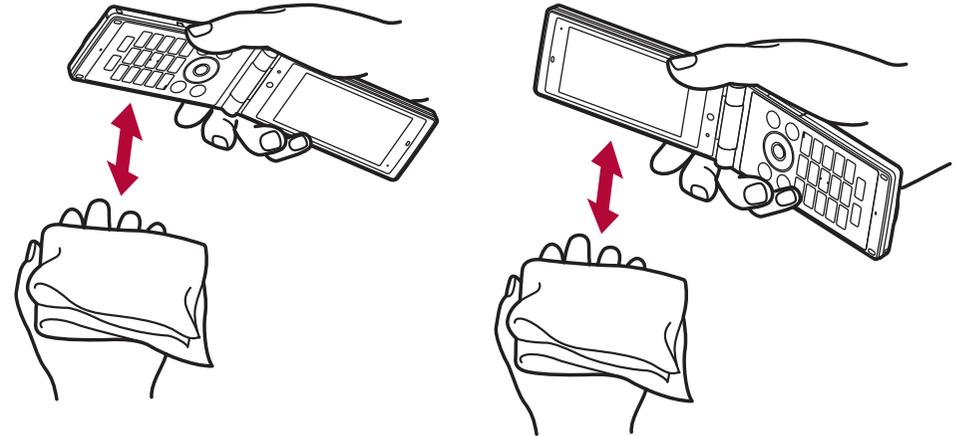
4 **Wipe off water drained from the FOMA terminal with dry and clean cloth, etc.**

- Water, if any, remaining in the FOMA terminal may ooze up after wiping off.

Charging

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

- Make sure that the FOMA terminal is not wet. If the FOMA terminal is wet or after the FOMA terminal is wet, adequately drain it and wipe off water with dry and clean cloth, etc. before placing on a 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 from the external connector terminal cover.

- Never try to charge the battery pack when the FOMA terminal is wet.
- Do not touch the AC adapter or desktop holder with wet hands. May cause electric shock.
- Do not use the AC adapter or desktop holder 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.

27

Basic package and main optional parts

■ Basic package

SH-08A terminal
(includes warranty and Back Cover SH33)
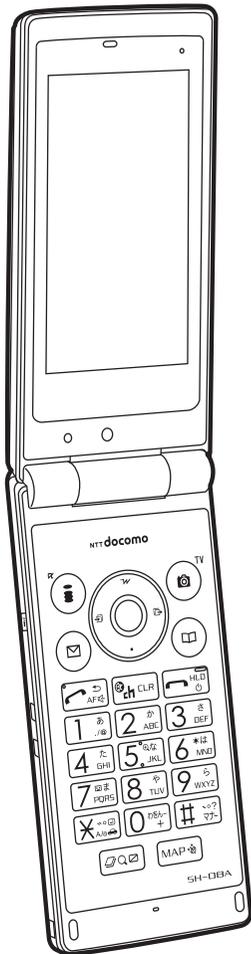
Battery Pack SH20
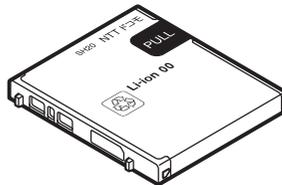
Manual (this manual)

※ Quick manual can be found on P. 510.

SH-08A CD-ROM
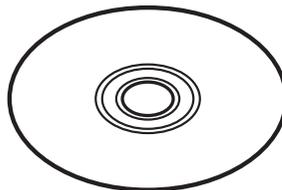
※ "Manual for PC Connection" and "Kuten Code List" in the PDF format are contained.

■ Main optional parts

FOMA AC Adapter 01/02
(includes warranty and user's guide)
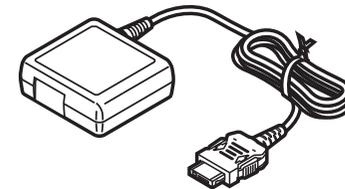
Desktop Holder SH25
(includes user's guide)
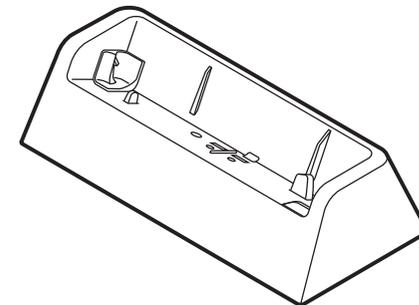
For details on other optional parts ☞P. 454

Component names and functions
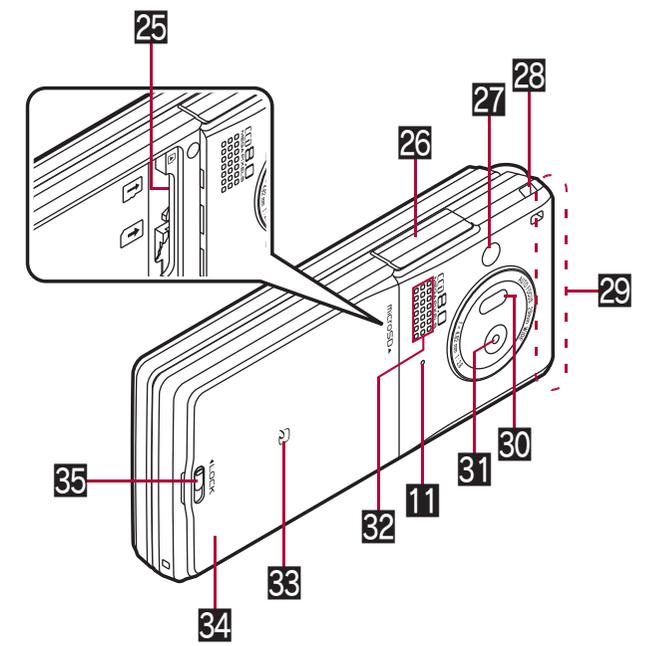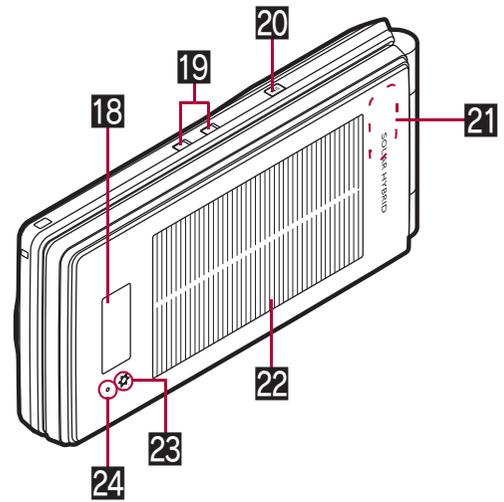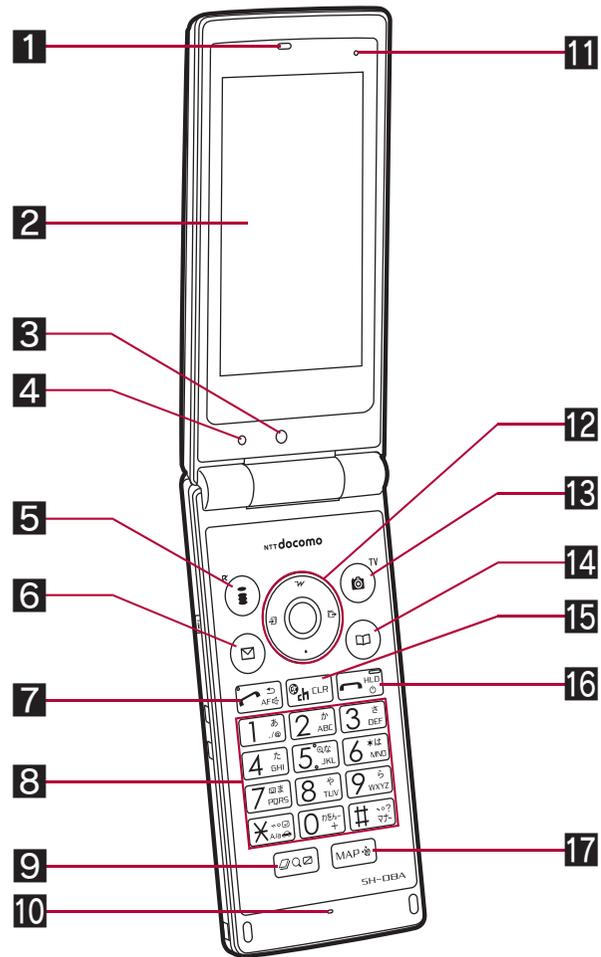
Using earphone

Connect an earphone compatible with external connector terminal (sold separately). When using an earphone which does not support external connector terminal, connect with a plug adapter (sold separately).

Connection example for flat-plug earphone/microphone with switch (sold separately)

Flat-plug connector of flat-plug earphone/microphone with switch (sold separately)

Connector

Flat-plug earphone terminal

● Key illustrations are examples and may look different from actual keys.

1 Earpiece
- Listen to the other party's voice.
- Listen to Record message/Voice memo.

2 Main display (☞P. 33)

3 Sub camera
- Use to shoot still pictures of yourself.
- Use to send images of yourself during a Videophone call.

4 Brightness sensor (☞P. 100)
- The sensor detects the brightness of the surrounding area and automatically adjusts the display brightness and turns on/off the keypad backlight.
- Do not cover the sensor area with your hand or a sticker. May interfere with the sensor.

5 ⌕ (✗): i-mode/Operation guidance key
- Press to use i-mode (☞P. 162).
- Press to execute the functions of the operation guidance (☞P. 33).

6 ✉: Mail/Operation guidance key
- Press to use mail functions (☞P. 128).
- Press to execute the functions of the operation guidance (☞P. 33).

7 📞: Start/Hands-free/Eco key
- Press to make or receive a voice call.
- Press to use hands-free (☞P. 57).
- Press to set the Eco mode (Power saver) (☞P. 99).

8 ① to ⑨, ⓪, ✳, ♯: Dial/Text input keys
- Press to enter phone numbers or texts.

9 ⌕: Multi/Quick search/VeilView key
- Press to use Multi Assistant (☞P. 364).
- Press to use Quick search (☞P. 374).
- Press to enable/disable the VeilView (☞P. 107).

10 Mouthpiece/Microphone
- Sends out your own voice.

11 Air vent
- This is a vent for taking any remaining air out of the FOMA terminal when the back cover and the FOMA terminal are closed.

12 ✛⊙: Multi-guide key
- Move the cursor to select an item and execute or set (☞P. 33).

13 📷: Camera/TV/Operation guidance key
- Press to activate the camera/1Seg (☞P. 207, P. 229).
- Press to execute the functions of the operation guidance (☞P. 33).

14 📖: Phonebook/Operation guidance key
- Press to use the phonebook (☞P. 85).
- Press to execute the functions of the operation guidance (☞P. 33).

15 CLR (ᵣₕ): i-Channel/Clear key
- Press to display the channel list (☞P. 194).
- Press to return to the previous screen.
- Press to delete texts or phone numbers.

16 📵: Power/End key
- Press for 2+ seconds to turn the power on/off (☞P. 51).
- Use to end the function being activated and return to stand-by display.

17 MAP: MAP/GPS key
- Press to activate GPS compatible i-αppli (☞P. 300).
- Press to check your present location. (☞P. 299).

18 Sub display (☞P. 34)

19 Charger terminal (☞P. 47)
- This is a terminal for charging with the desktop holder.

20 💡: Light key
- Press with the FOMA terminal closed to display the clock on the sub display.
- Press for 1+ seconds with the FOMA terminal closed to turn on/off Picture Light.

21 1Seg antenna (☞P. 226)
- A 1Seg antenna is built in. To receive in better conditions, do not cover the antenna area by hand.

22 Solar panel (☞P. 21)

23 Solar charge LED (☞P. 50)
- Notify the status of solar charge.

24 Called/Charging LED
- Flashes while receiving a call, etc. (☞P. 104).
- Illuminates while charging (☞P. 46).

25 microSD Card slot (☞P. 333)

26 External connector terminal
- This is a terminal used while charging, connecting the earphone, etc.
- Connect to an external device such as AC adapter/DC adapter or FOMA USB Cable with Charge Function 02 (sold separately) (☞P. 48, P. 344).

27 Picture Light
- Illuminates/Flashes while activating the camera (☞P. 202).
- Illuminates/Flashes during shooting (☞P. 207, P. 209).

28 Strap ring

29 FOMA antenna
● The FOMA antenna is built in. To speak in better conditions, do not cover the antenna area by hand.

30 Infrared port
● Use for the Ir communication (☞P. 350).
● Use for the Ir remote control (☞P. 353).

31 Main camera
● Use to shoot still pictures or moving pictures (☞P. 202).
● Use to send a camera image shot during a Videophone call to the other party (☞P. 56).

32 Speakers
● Emits ring tones, music, etc.
● Emits the other party's voice during hands-free operation.

33 ⚛ mark
● The IC card is included (The IC card cannot be removed). Use Osaifu-Keitai holding the ⚛ mark up to the scanning device (☞P. 287).
● Use to send and receive data via the iC communication (☞P. 354).

34 Back cover (☞P. 45)
● A radio frequency-preventing sticker is attached on the back of the back cover. Do not peel off this sticker.

35 Back cover lever (☞P. 45)

■ **Key operations for stand-by display**

Operate each key in the stand-by display to perform the following action.

Key	Operations	Operations when pressing for 1+ seconds
ⓘ	To display iMenu (☞P. 162)	To display the i-αppli software list screen (☞P. 261)
✉	To display Mail menu (☞P. 128)	To display the compose message screen (☞P. 128)
📷	To activate camera (☞P. 207)	To activate 1Seg (☞P. 229)
📖	To display phonebook (☞P. 85)	To display the phonebook entry screen (☞P. 81)
⊙	To display start menu (☞P. 39)	To display the Lock selection screen (☞P. 117)

Key	Operations	Operations when pressing for 1+ seconds
◐	To display the Redials list screen (☞P. 60)	To display Sent messages history (☞P. 149)
◑	To display the Received calls list screen (☞P. 60)	To display Received messages history (☞P. 149)
◓	To display the i-Widget screen (☞P. 282)	To display the earpiece volume adjustment screen (☞P. 92)
◒	To display Shortcut menu (☞P. 374)	
☎	To display the phone number entry screen (☞P. 57)	To set the Eco mode (Power saver) (☞P. 99)
☏	–	To turn off the power*1 (☞P. 52)
CLR	To display channel list (☞P. 194)	
1	To enter *1*	To execute assigned functions (☞P. 374)
2	To enter *2*	
3	To enter *3*	
4	To enter *4*	To activate the Quick Stand-by Display Setting mode (☞P. 96)
5	To enter *5*	To set font size collectively (☞P. 107)
6	To enter *6*	To display the ++ソーラー充電お知らせ表示画面*2 (☞P. 51)
7	To enter *7*	To display the Voice memos/Recorded messages screen (☞P. 74, P. 378)
8	To enter *8*	To start to use 2in1 (☞P. 402) To switch 2in1 mode (☞P. 403)
9	To enter *9*	To reset Kisekae Tool settings (☞P. 102) To reset Font style setting (☞P. 106)
0	To enter *0*	To enter *+*

Key	Operations	Operations when pressing for 1+ seconds
✳	To enter ✳	To enable/disable the Public mode (Drive mode) (☞P. 70)
⌗	To enter #	To enable/disable the Manner mode (☞P. 95)
🔍	To activate Quick search (☞P. 374)	To enable/disable VeilView (☞P. 107)
MAP	To activate GPS compatible i-αppli (☞P. 300)	To check your present location (☞P. 299)

*1　Press for 2+ seconds.
*2　Only ++累積充電量 appears.

Multi-guide key and Operation guidance key

Use to select or execute the menus that appear in the operation guidance.
The following shows the keys assigned to select or execute the menu items that appear in the guidance.
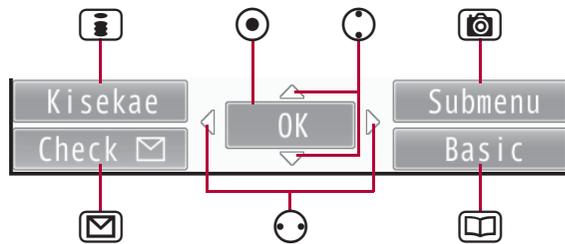
■ Operation guidance menu

In the operation guidance, menus appear according to the function being used and situation.
The following table describes examples of the main operation guidance menus that appear.

OK	Sets the selected item
Submenu	Displays the Submenu
Agree	Checks selected image, music, etc.
Back	Returns to the previous screen

Play/Stop	Plays/Stops i-motion, music, etc.
Full	Displays selected images, etc. in full screen
Show all	Displays sorted files, etc. as a list
1/1 or Zoom↓	Displays selected images, etc. in actual/reduced size
Mail	Displays the compose message screen
Send	Sends a mail
Cancel	Cancels the operation such as receiving a mail
SelAll/ClrAll	Selects/Disables all selectable items (Up to 50 items can be selected/disabled depending on the function)
Page ▲/Page ▼	Scrolls the display by page
Close	Closes the Submenu, etc.

Viewing display

● Icons are shown in the order of main display and sub display.

Main display

33
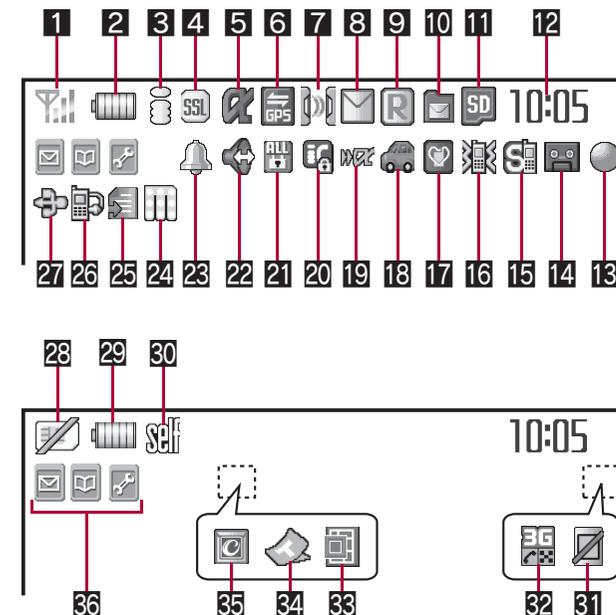
Attaching/Removing battery pack

Use the Battery Pack SH20 exclusive to the FOMA terminal.

● Turn off the power, close the FOMA terminal, and hold it in your both hands before attaching or removing the battery pack.

● The battery pack is not waterproof.

■ Attaching battery pack

1 **Remove the back cover (☞P. 24).**

2 **Attach the battery pack.**

● The battery pack has tabs that make it easy to attach. Attach the battery pack with a recycle mark side faced up.

Face the side with a recycle mark up

Battery pack

Tabs

Tabs

Battery pack connector terminal side
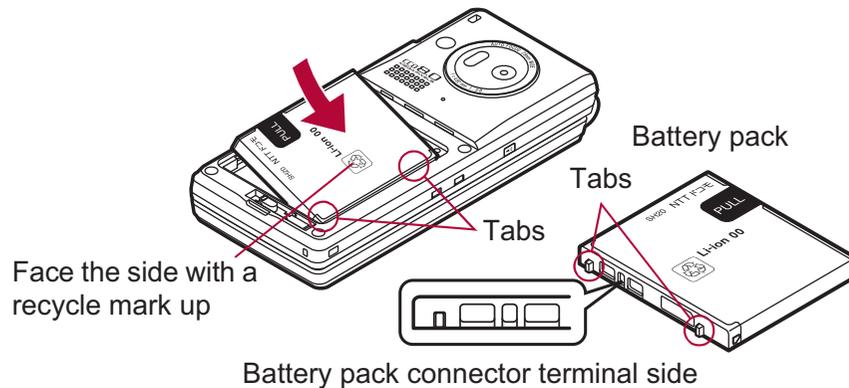
3 **Attach the back cover (☞P. 24).**

■ Removing battery pack

1 **Remove the back cover (☞P. 24).**

2 **Remove the battery pack.**

● The battery pack has a "PULL" Tag that makes it easy to remove. Hold the "PULL" Tag between the fingers and lift up it in the direction of an arrow (45-degree from the FOMA terminal) to remove the battery pack.

"PULL" Tag
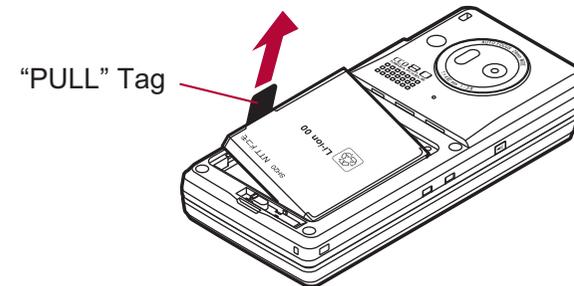
● Using unnecessary force when attaching or removing the battery pack may damage the connector terminal for the battery pack (charger terminal) on the FOMA terminal.

● 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 performance and allow water to seep.

Charging

The battery pack is not fully charged at the time of purchase. Be sure to charge the battery using the exclusive AC or DC adapter (sold separately) before use.

● It is recommended that the desktop holder be used for charging to prevent water from seeping caused by forgetting to close the external connector terminal cover (☞P. 47).

● The AC adapter and desktop holder are not waterproof. Never try to charge the battery pack when the FOMA terminal is wet. For precautions on the waterproof performance when charging ☞P. 27

■ Cautions while charging

● Do not charge for long periods of time with the power left on. If the FOMA terminal is left on after charging is complete, the battery pack charge decreases.

In such cases, the AC or DC adapter charges the battery again. However, depending on when the FOMA terminal is disconnected from the AC or DC adapter, the battery charge level may be low, the battery alert tone may sound, or the battery may only be usable for a short time.

● When the battery is empty and terminal is recharging, charging LED may not illuminate immediately.

● If the battery empty alert is displayed, the alert tone sounds and the power cannot be turned on, charge the battery for a while.

● If the battery empty alert is displayed and charging begins within 60 seconds of the alert tone, the status returns to normal.

● While charging, terminal may not turn on even when charging LED 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.

■ Estimated charge times and LED display

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

FOMA AC Adapter 01/02	Approx. 120 min
FOMA DC Adapter 01/02	Approx. 120 min

● Charging LED illuminates in red while charging, and it turns off when charging is completed.

● Check that the battery pack has been properly attached when charging LED flashes red. The LED also flashes red when the battery pack has reached the end of its service life.

● The battery pack can also be charged with the FOMA terminal turned on (Battery icon flashes during charging).

● 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. While charging is stopped, charging LED turns off (Battery icon flashes while stopped).

■ Estimated times of use when fully charged

Continuous talk time	FOMA/3G	Voice call: Approx. $$ min
		Videophone call: Approx. $$ min
Continuous stand-by time	FOMA/3G	When mobile: Approx. $$ hr
		At rest: Approx. $$ hr
1Seg watching time		Approx. $$ min

● Continuous talk time is estimated as the usage time at normal transmission signal strength, and continuous stand-by time is estimated as the usage time while moving with the FOMA terminal folded at normal signal strength. Using i-mode reduces talk (transmission)/stand-by time. When i-Channel is subscribed, information is automatically received and updated, so talk (transmission)/stand-by time will be reduced. In addition, when shooting or editing an image, watching 1Seg, composing i-mode mail, activating the downloaded i-αppli or the i-αppli stand-by, or using MUSIC Player, i-motion player or data communication, the talk (transmission)/stand-by time will be reduced even if calls or i-mode transmission are not made. Some i-αppli software may continue transmission even after downloading. To avoid this, set not to connect in advance.

● The actual usage time is a combination of stand-by time and talk time, and the longer the talk time, the shorter the stand-by time becomes.

● 1Seg watching time is estimated as the watching time at normal transmission signal strength with the Stereo Earphone Set 01 (sold separately) used.

● Talk (transmission)/stand-by time may be reduced by about half or 1Seg watching time may be shortened depending on battery pack status, function used, temperature and other environmental conditions, or signal strength (no signal or weak signal).

■ 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 i-αppli, Videophone, or 1Seg is used while charging for a long time, the service life of the battery pack may become shorter than estimated.
- To prevent damage to the environment, bring used battery packs to a docomo service counter, a docomo agent or a recycle center.

Li-ion 00

■ **About charging batteries**
- Refer to user's guide of FOMA AC Adapter 01/02 (sold separately), FOMA AC Adapter 01 for Global use (sold separately), or FOMA DC Adapter 01/02 (sold separately).
- FOMA AC Adapter 01 covers only 100V AC. FOMA AC Adapter 02/ FOMA AC Adapter 01 for Global use 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 transformer for use overseas to charge the battery.

Charging by using desktop holder

[Read "Desktop Holder SH25 (sold separately) user's guide" carefully.]
- Battery pack cannot be charged with the FOMA terminal opened.

1 Face the side with the arrows of the AC adapter connector up and insert it into the connector terminal of the desktop holder (❶).
- Keeping the connector parallel with the desktop holder, securely push it all the way in until it clicks.

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

3 When placing the FOMA terminal in the desktop holder, Charge start sound is heard, charging LED illuminates, and charging starts.
- Place the FOMA terminal as the figure shows (❸) and push it in the direction of the arrow (❹) until it clicks.

- Do not open the FOMA terminal while it is placed in the desktop holder.

Connector (Face the side with the arrows up)

Charging LED

100V AC outlet

FOMA AC Adapter 01/02
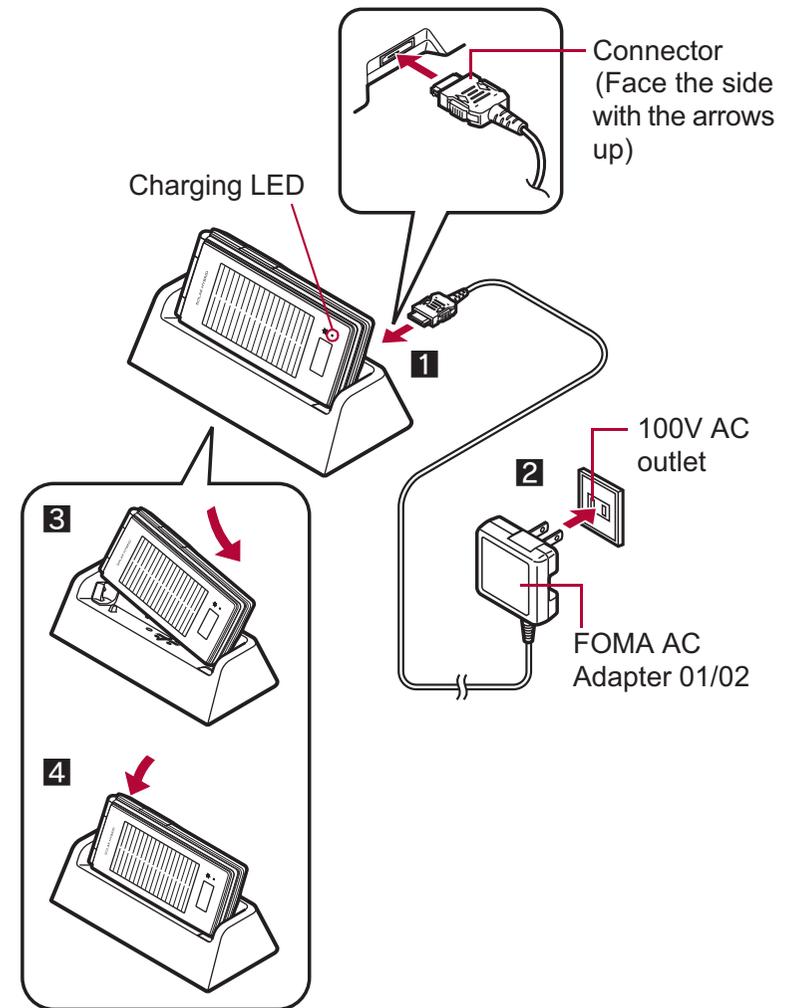
4 When Charge end sound is heard and charging LED turns off, charging is complete.
- Hold the desktop holder and lift the FOMA terminal out.

- Pull the AC adapter out of the outlet when left unused for a long period of time.

● When Charge start sound is not heard or when charging LED does not illuminate, check that the FOMA terminal is placed securely in the desktop holder (except when terminal is turned off, Manner mode is set or Charge start sound is Silent).

● When placing the FOMA terminal in the desktop holder, be careful that the strap is not caught in between the handset and the desktop holder.

Charging by using AC adapter/DC adapter

[Read "FOMA AC Adapter 01/02 (sold separately) and FOMA DC Adapter 01/02 (sold separately) user's guide" carefully.]

● Battery pack can be charged even with the FOMA terminal opened.

1 **Open the external connector terminal cover and insert the AC or DC adapter connector horizontally into the external connector terminal (1).**

Charging LED

External connector terminal

1

External connector terminal cover

Connector (Face the side with the arrows up)
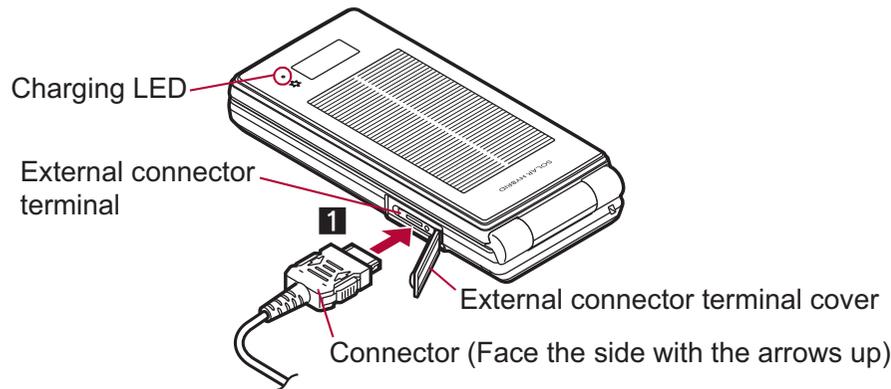
● Check the direction (See diagram) of the connector, keep it parallel with the FOMA terminal and securely push all the way in until it clicks.
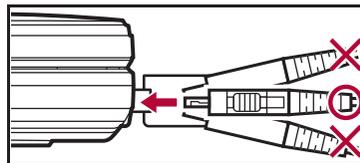
2 **When inserting the AC adapter power plug into an outlet or inserting the DC adapter power plug into a car cigarette lighter socket, Charge start sound is heard, charging LED illuminates, and charging starts.**

100V AC outlet

Cigarette lighter socket

For AC adapter   For DC adapter
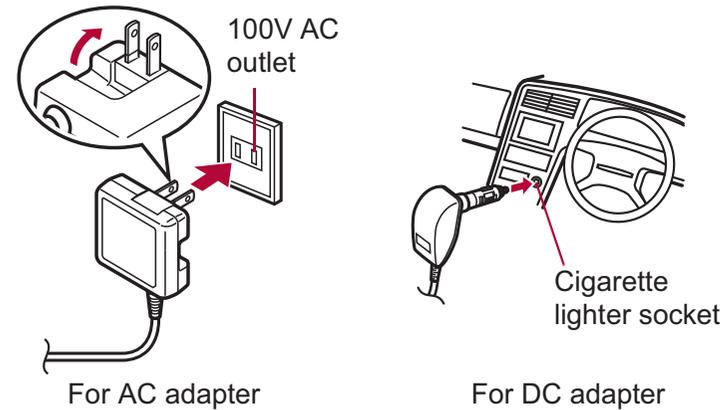
3 **When Charge end sound is heard and charging LED turns off, charging is complete.**

● When removing the connector, always hold the release buttons on both sides (1) and unplug it horizontally (2).

1

2   1

Release buttons
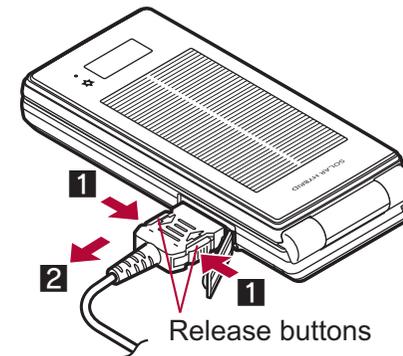
● Do not forcibly insert or remove. May cause damage to the external connector terminal and the connector.

● Pull the adapter out of the outlet or cigarette lighter socket if it will not be used for a long time.

● Do not forcefully pull the external connector terminal cover. May damage the cover.

● Do not place objects near the FOMA terminal when charging. May damage the FOMA terminal.

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 automobile supply shop.
- Refer to the FOMA DC Adapter 01/02 user's guide for details.

Battery level

Checking battery level

- If the battery icon is changed to [電池マーク％表示], battery level is displayed in percentage. However, [FULL] appears when battery level is 100% while [LOW] appears when battery level is 4% or less.
- The battery icon and Percentage are rough indications.
- The battery level may change a lot depending on the conditions of use.
- If the FOMA terminal is left for a long period or without turning off the power, the battery level may decrease even after the charging is completed.

81 to 100%	Battery is sufficiently remaining.	
61 to 80%	Battery is remaining.	
41 to 60%	Battery level is low.	
21 to 40%	Battery level is very low.	
1 to 20%	Battery is almost empty. Charge the battery.	
0%	Battery is empty (Power will turn off soon).	

■ **Changing design of battery icon <Battery icon>**

1 **In the Custom menu, select [Settings]▶ [Battery]▶ [Battery icon]▶ ▣.**

2 **Select an image▶ ▣.**

■ **Displaying battery icon in percentage temporarily <Icon% temp display>**

When the battery icon is set to other than [電池マーク％表示], if the display is shown again with the display off, the battery icon in percentage is displayed for approximately 3 seconds.

1 **In the Custom menu, select [Settings]▶ [Battery]▶ [Icon% temp display]▶ [ON].**

Checking battery level with sound and display

1 **In the Custom menu, select [Settings]▶ [Battery]▶ [Battery level].**

- Battery level is displayed in percentage and graphic. In addition, it is notified by the number of the battery level sound according to its remaining amount.

Graphic	Number of beep sound
	Five times
	Four times
	Three times
	Twice
	Once

- Wait approximately 5 seconds and the display disappears.
- The battery level sound is heard at the volume set in Key sound (☞P. 92).
- If the Manner mode is set, the battery level sound follows the setting of the Manner mode.

If battery runs out

[Battery empty. Unsaved data will be lost. Ending current operation] appears if battery starts to run out (Press ⦿ to clear the message). After a while, an alert tone sounds. The warning screen stating that the battery runs out appears, handset operations are disabled and power turns off after approximately 60 seconds.

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Map/GPS Function

Using Map/GPS function

- Note that DOCOMO shall not be liable for the pure economic loss if you cannot confirm the positioning (communication) result with FOMA terminal failure, malfunction, error or external factors such as power failure (including battery exhaustion).
- FOMA terminals cannot be used as navigation system for professional use of aircrafts, vehicles, person, etc. Therefore, note that DOCOMO shall not be liable for the loss caused by the navigation system to use location information.
- FOMA terminals cannot be used as surveying GPS of high accuracy. Therefore, note that DOCOMO shall not be liable for the loss caused by the error of location information.
- GPS is the service in charge of Department of Defense of USA, therefore, GPS radio wave condition may be controlled (accuracy degradation, radio wave abort, etc.) for the US national security reason.
- For the use of Location provision or Location notification, check the information of an information provider and DOCOMO website. Charges may be incurred for these functions.
- Position location and Location notification are not available when Function lock is applied to GPS.
- Location provision, Position location and Location notification are not available in the following cases.
  - When a FOMA card is not inserted
  - During the Self mode   ■ During software update
- Note that GPS is using the radio wave from satellites, and following conditions may cause the radio wave abort or difficulty to receive.
  - In or under buildings   ■ In basement, tunnel, ground or water
  - In bags or boxes   ■ In density area with buildings or residence
  - In or under densely trees   ■ Near high-tension line
  - Inside cars or trains   ■ In bad weather with heavy rain/snow
  - When people or objects are blocking mobile phones
  - When hands are covering screen/keypad/microphone/speaker of mobile phones

  In these cases, the error of retrieved location information may be 300 m or more.

- GPS function of the FOMA terminal is not available outside the service area.

Using map and GPS function overseas

- Note the following when using a map and GPS function overseas.
  - Location notification and Location provision function are not available.
  - When attempting to connect to the GPS service setting site from [Service settings] in [Loc. request menu], an error message appears and the functions cannot be used. However, packet transmission charges are incurred in such cases.
  - 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.
- Note the following when using each function.

■ Viewing map

- The selection screen for viewing a map either on the i-mode site or i-αppli appears when selecting Map in the Map/GPS menu or selecting [Read Map] after checking the present location, etc. Select the view mode.
- Even if a map is displayed on the i-mode site or i-αppli, the map may not be provided or the present location may not appear properly. In those cases, packet transmission charges apply.

■ Position location

- Set the correct date and time in advance.
- i-mode services Settings is required in advance (☞P. 412).
- GPS positioning is available in the 3G network service area.
- When GPS positioning is failed due to signal status, etc., the message asking whether to select a city name may appear. If [Select city name] is selected, the list of world cities appears. GPS positioning may succeed if the city around the present location is selected.

■ Using GPS compatible i-αppli

- Even if GPS compatible i-αppli is set for Select Map, a map may not appear properly when location information that GPS compatible i-αppli does not support is provided. In this case, packet transmission charges apply.

■ Location history

● [📷], the icon indicating that location is positioned overseas, appears for positioned location history in the location history list screen/location history details screen. [🕐] appears in the location history list screen when the time difference is adjusted.

● If [Read Map] is selected from the location history positioned overseas, the selection screen for viewing a map either on the i-mode site or i-αppli appears. Select the view mode.

Position location

Checking your location

Check the present location and check your place. Use this function for more convenient use such as showing a map from positioning location information, changing the location information to a URL, sending mail with the URL pasted, etc.

● Transmission charges are not incurred when the present location is positioned. However, packet transmission charges are applied when a map is displayed based on the location information.

● Change sound/volume/LED color for Position location (☞P. 91, P. 104).

1 In the Custom menu, select [LifeKit] ▶ [Map/GPS] ▶ [Position location].

- In stand-by: Press [MAP] (for 1+ seconds).
  - It is activated following the GPS button setting after positioning.
- [🛰] flashes while GPS positioning is being performed.
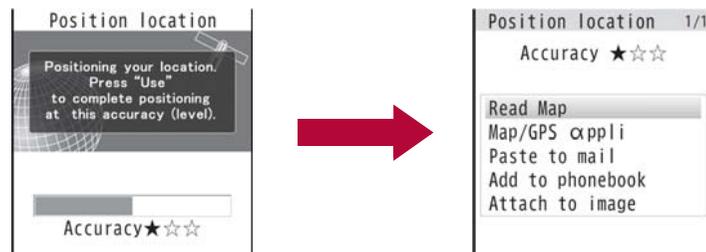
Accuracy level ★★★ : Almost accurate location information
Error is less than 50 m

Accuracy level ★★☆ : Relatively accurate location information
Error is less than 300 m

Accuracy level ★☆☆ : Rough location information
Error is 300 m or more

- Accuracy level is a rough indication. It may differ depending on the radio wave condition of the surroundings.
- To use the location information as a result of location positioning at the displayed accuracy level while the present location is being positioned: Press [📷].
- To cancel position location: Press [ℹ] ▶ ⊙.

2 Select a usage.

◆ Select [Read Map].
  • GPS compatible i-αppli set in Map setting is activated.
◆ Select [Map/GPS αppli] ▶ select i-αppli ▶ ⊙.
◆ Select [Paste to mail] ▶ [OK] ▶ compose and send a mail.
  • The Location URL to be sent appears only on the i-mode supported terminal.
◆ Select [Add to phonebook] ▶ add to the phonebook.
◆ Select [Attach to image] ▶ select an image ▶ ⊙ ▶ [📷] ▶ select the saving method ▶ ⊙.
- To check the location information: Press [ℹ].
- To retry position location: Press [📷].

Set position loc.

Setting position location

Setting GPS button <GPS button setting>

Set the operation that is automatically launched after positioning the present location by pressing [MAP] for 1+ seconds.

1 In the Custom menu, select [LifeKit] ▶ [Map/GPS] ▶ [Set position loc.] ▶ [GPS button setting].

2 Select the action ▶ ⊙ ▶ [OK].

Setting Positioning mode for positioning location <Positioning mode>

● This setting is valid only when the positioning is performed in Japan.

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶ [Set position loc.]▶[Positioning mode].**

2 **Select the Positioning mode▶ ⊙ ▶[OK].**

• When [Quality mode] is selected, the positioning is performed with longer time. As a result, more accurate positioning is performed than in the Standard mode.

Map

Viewing Map

Activate GPS compatible i-αppli and view the present location or specified location.

● Make the Map setting in advance, and set GPS compatible i-αppli to activate.

● By default, the FOMA terminal is set to activate "Map Application". For details on operating "Map Application" ☞P. 301

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶ [Map].**

• GPS compatible i-αppli is activated after positioning the present location.

Setting map <Map setting>

■ **Setting i-αppli to activate as a map <Select Map>**

Set GPS compatible i-αppli to activate when selecting Map in the Map/GPS menu or [Read Map] from the location information of each function.

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶ [Map setting]▶[Select Map].**

2 **Select the GPS compatible i-αppli▶ ⊙.**

■ **Setting whether to position present location when activating a map <Map activate setting>**

Set whether to position the present location when Map in the Map/GPS menu is selected and GPS compatible i-αppli is activated.

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶ [Map]▶[Map activate setting].**

2 **Select the setting▶ ⊙.**

Using GPS compatible i-αppli

Start i-αppli compatible with Map/GPS function.

● When GPS compatible i-αppli is used, location information is sent to the information provider of the software used.

● When GPS function is used on GPS compatible i-αppli, set Location usage setting of the software used to [Send].

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶ [Map/GPS αppli].**

2 **Select software▶ ⊙.**

Starting GPS compatible i-αppli by one-touch operation

1 **In stand-by, press [MAP].**

• GPS compatible i-αppli is started according to Select Map. By default, the FOMA terminal is set to activate "Map Application".

Using "地図アプリ" (Map Application)

"Map Application" is a convenient i-αppli for viewing the map of the present location or specified location, searching the peripheral area information or navigating to a destination. Search helpful facilities in case of disaster. With Chizu Talk function, exchange a message with the other party on the map.
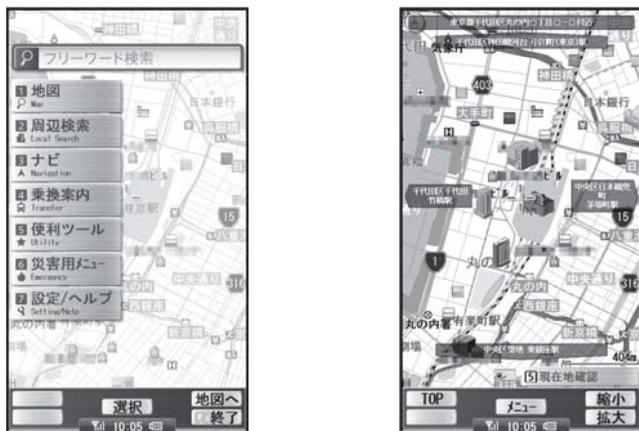
©2009 ZENRIN DataCom CO., LTD.

Service charge

The appli services are divided into the following.

● **Free functions**

● View the map and search the peripheral area information. Also, search the food coupon.

● Display the location, which was positioned using GPS in the past, in the unit of municipality or prefecture with color on a map. This is the function that allows you to recognize the visited town at a glance.

● Change the mode to various maps such as a 3D map, a map with emphasized railways, a map in the day and night mode, including a normal map.

● **Paid functions**

Use all services excluding the traffic information for free until the 60th day from the first-time use of this software.

After the free period, the My menu registration (fees apply) for "ゼンリン🏠 いつもNAVI" provided by ZENRIN DataCom CO., LTD. is required.

● Totally navigate to the destination including the means of driving, using train and walking. Search a route considering the traffic information.

● Display train transfer information and timetable.

● Exchange a message while displaying the other party's position on a map.

● Search helpful facilities in case of disaster. Use the i-αppli without communication called Map Application for disaster. If a map for disaster of the area around the home is downloaded, it will be useful in case of an emergency.

● Packet transmission charges apply when using this service. It is recommended to use this software with Pake-hodai/Pake-hodai full/Pake-hodai double.

● When this software is deleted, download it from "iエリア-周辺情報-".

● Note that there is no guarantee for the accuracy and immediacy of the information such as a map and route.

● Make sure that a person other than the driver operates this software while driving.

● This appli supports the Motion tracking.

● Screenshots are examples and may differ from actual screens.

Loc. request menu

Providing location information on request

Set whether to provide the present location on the request from the other party.

● Location provision may require the subscription to an information provider supporting the service and the service usage fee.

● To use a service supporting location provision, set Location provision ON/OFF to [Loc. provision:ON] or [Reject No. unset]. In addition, usage settings for each service (GPS Service settings) may be required. To use "imadoco-search", settings accessed by [iMenu] ▶ [お客様サポート] ▶ [各種設定(確認・変更・利用)] ▶ [その他サービス設定・確認] ▶ [位置情報利用設定] ▶ [イマドコサーチ設定] is required.

● Sent location information may not reach an information provider depending on the signal strength.

● Location information may be sent to an information provider without any operation when Location provision ON/OFF is set to [Loc. provision:ON] or [Reject No. unset]. Under [Loc. provision:OFF], even if the location information from the other party is received, it is automatically rejected, and the history of location provision does not remain.

● [📲] (blue) appears when Location provision ON/OFF is set to [Loc. provision:ON] or [Reject No. unset]. Until a location provision permission schedule ends if it is set, [📲] (blue) is displayed while permitted and [📲] (gray) while rejected.

● If Location provision ON/OFF is set to [Reject No. unset], calls are automatically rejected when the location information from callers not saved in the phonebook are received. However, a request for Location provision may be received depending on the operating condition of other functions.

● Change sound/volume/LED color for Location provision (☞P. 91, P. 104).

● Location information is provided free of charge.

● For the use of location information, check the information of an information provider and DOCOMO website. Charges may apply for these functions.

1 **In the Custom menu, select [LifeKit]** ▶ **[Map/GPS]** ▶ **[Loc. request menu]** ▶ **[Loc. prov. ON/OFF].**

2 **Enter the terminal security code** ▶ ⊙**.**

3 **Select the setting** ▶ ⊙**.**

● Location provision can also be set from initial settings (☞P. 52).

■ **Setting permission schedule onto Location provision**

1 **In the Location provision ON/OFF setting screen, select [Permission sched.].**

2 **Select [Start]** ▶ **enter the start time (24-hour format)** ▶ ⊙**.**

3 **Select [End]** ▶ **enter the end time (24-hour format)** ▶ ⊙**.**

4 **Select [Repeat]** ▶ **select the repeat method.**
　◆ **Select [Daily].**
　◆ **Select [Set day of week]** ▶ **select a day of the week** ▶ ⊙ ▶ 📷**.**
　◆ **Select [Not set]** ▶ **proceed to step 6.**

5 **Select [From]** ▶ **[Start date setting]** ▶ **enter the start date** ▶ ⊙ ▶ **[End date setting]** ▶ **enter the end date** ▶ ⊙**.**
　• To not set valid period: Select [End date] ▶ [Not set].

6 **Press** 🔢 ▶ **select the setting of Reject No. unset** ▶ ⊙**.**

● If an end time is set to the time before the scheduled time, location information is not provided for the day.

■ **Setting Positioning mode of Location provision <Positioning mode>**

1 **In the Custom menu, select [LifeKit]** ▶ **[Map/GPS]** ▶ **[Loc. request menu]** ▶ **[Positioning mode].**

2 **Select the Positioning mode** ▶ ⊙ ▶ **[OK].**

Operation when permission schedule is set onto location provision

Example: When the current date is "November 24, 2009, 14:00"
Start: 15:00 End: 22:00

Setting details		Schedule when location provision is performed
Repeat	**Valid period**	
Not set	–	11/24/2009, 15:00 to 11/24/2009, 22:00
Everyday	From 11/29/2009 End date 12/29/2009	Everyday from 11/29/2009, 15:00 to 12/29/2009, 22:00 (between 15:00 and 22:00)
	From 11/19/2009 End date 12/29/2009	Everyday from 11/24/2009, 15:00 to 12/29/2009, 22:00 (between 15:00 and 22:00)
	Not set	Everyday after 11/24/2009, 15:00 (between 15:00 and 22:00)
Set day of week	From 11/29/2009 End date 12/29/2009	Set day of week from 11/29/2009, 15:00 to 12/29/2009, 22:00 (between 15:00 and 22:00)
	From 11/19/2009 End date 12/29/2009	Set day of week from 11/24/2009, 15:00 to 12/29/2009, 22:00 (between 15:00 and 22:00)
	Not set	Set day of week after 11/24/2009, 15:00 (between 15:00 and 22:00)

Start: 09:00 End: 22:00

Setting details		Schedule when location provision is performed
Repeat	**Valid period**	
Not set	–	11/24/2009, 14:00 to 11/24/2009, 22:00
Everyday	From 11/29/2009 End date 12/29/2009	Everyday from 11/29/2009, 09:00 to 12/29/2009, 22:00 (between 09:00 and 22:00)
	From 11/19/2009 End date 12/29/2009	Everyday from 11/24/2009, 14:00 to 12/29/2009, 22:00 (between 09:00 and 22:00)
	Not set	Everyday after 11/24/2009, 14:00 (between 09:00 and 22:00)

Setting details		Schedule when location provision is performed
Repeat	**Valid period**	
Set day of week	From 11/29/2009 End date 12/29/2009	Set day of week from 11/29/2009, 09:00 to 12/29/2009, 22:00 (between 09:00 and 22:00)
	From 11/19/2009 End date 12/29/2009	Set day of week from 11/24/2009, 14:00 to 12/29/2009, 22:00 (between 09:00 and 22:00)
	Not set	Set day of week after 11/24/2009, 14:00 (between 09:00 and 22:00)

Start: 15:00 End: 10:00

Setting details		Schedule when location provision is performed
Repeat	**Valid period**	
Not set	–	11/24/2009, 15:00 to 11/25/2009, 10:00
Everyday	From 11/29/2009 End date 12/29/2009	Everyday from 11/29/2009, 15:00 to 12/30/2009, 10:00 (between 15:00 and 10:00 on the next day)
	From 11/19/2009 End date 12/29/2009	Everyday from 11/24/2009, 15:00 to 12/30/2009, 10:00 (between 15:00 and 10:00 on the next day)
	Not set	Everyday after 11/24/2009, 15:00 (between 15:00 and 10:00 on the next day)
Set day of week	From 11/29/2009 End date 12/29/2009	Set day of week from 11/29/2009, 15:00 to 12/30/2009, 10:00 (between 15:00 and 10:00 on the next day)
	From 11/19/2009 End date 12/29/2009	Set day of week from 11/24/2009, 15:00 to 12/30/2009, 10:00 (between 15:00 and 10:00 on the next day)
	Not set	Set day of week after 11/24/2009, 15:00 (between 15:00 and 10:00 on the next day)

Start: 09:00 End: 09:00

Setting details		Schedule when location provision is performed
Repeat	Valid period	
Not set	–	11/24/2009, 14:00 to 11/25/2009, 09:00
Everyday	From 11/29/2009 End date 12/29/2009	Everyday from 11/29/2009, 09:00 to 12/30/2009, 09:00 (between 09:00 and 09:00 on the next day)
	From 11/19/2009 End date 12/29/2009	Everyday from 11/24/2009, 14:00 to 12/30/2009, 09:00 (between 09:00 and 09:00 on the next day)
	Not set	Everyday after 11/24/2009, 14:00 (between 09:00 and 09:00 on the next day)
Set day of week	From 11/29/2009 End date 12/29/2009	Set day of week from 11/29/2009, 09:00 to 12/30/2009, 09:00 (between 09:00 and 09:00 on the next day)
	From 11/19/2009 End date 12/29/2009	Set day of week from 11/24/2009, 14:00 to 12/30/2009, 09:00 (between 09:00 and 09:00 on the next day)
	Not set	Set day of week after 11/24/2009, 14:00 (between 09:00 and 09:00 on the next day)

Setting host <Host setting>

Set the host for the GPS service setting site.

※ Setting does not normally need to be changed.

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶[Loc. request menu]▶[Host setting].**

2 **Enter the terminal security code▶ ⊙.**

3 **Select [User specified host]▶ 📷.**

* To return to the default host: Select [Default].
* To change to the preset user-defined host: Select [User specified host].
* To delete the set user-defined host: Select [User specified host]▶ 📷 ▶ 📷 ▶ [Yes].

4 **Select [Host name]▶enter the host name▶ ⊙.**

* Enter up to 99 single-byte alphanumeric characters and symbols.

5 **Select [Host URL]▶enter the host URL▶ ⊙.**

* Enter up to 100 single-byte alphanumeric characters and symbols.

6 **Press 🛈.**

GPS service settings <Service settings>

Configure the setting required for Location provision.

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶[Loc. request menu]▶[Service settings].**

* Connected to the GPS service setting site.

2 **Configure the settings.**

* Please contact GPS information providers for the setting details.

When location information is requested

Location provision starts when the request to provide the location information is received.

● When each service usage setting is set to [許可], the location information is automatically provided upon request.

● When each service usage setting is set to [毎回確認], a confirmation screen asking whether to provide appears at every request. Select [Yes] to start providing the location information.

● If no operation is performed when the location is requested, return to stand-by display after providing location information is end, and the stock icon [🛰] (Send loc - Resp/Send loc - No resp/Send loc - Failed) appears. Select the stock icon and location histories appear.

● To cancel Location provision, press 🛈 and press ⊙. However, the location information may be sent depending on timing.

● Sent location information may not reach a requestor of the location information depending on the signal strength.

● Host ID for Location provision may not be displayed on the screen.

● When the 2in1 service is used, only Number A is available regardless of the mode. If the location information provision is requested with Number B, the location information is not provided, and the failure of search is notified to the other party.

When the location information is requested from the other party who used imadocokantan search

● A confirmation screen for location provision appears at every request. Select [Yes] to immediately notify to a rough positioning result to the other party.
After [Yes] is selected, the GPS positioning screen appears, and a high-accuracy positioning result is notified.

● If the location provision is canceled after [Yes] is selected on a confirmation screen for location provision, a rough positioning result is notified to the other party. In this case, the location history is recorded, but the location information does not appear.

When the location information is requested while in Public mode (Drive mode)

● If Location provision is set to [許可] for usage settings of each service, a confirmation screen for location provision is displayed, the GPS positioning screen appears, and the location is provided after GPS positioning. However, Location provision/accept, Location provision/notify, vibrator or called LED does not operate.

● When Location provision is set to [毎回確認] for usage settings of each service, location information is not provided.

Location notification

Notifying present location information

Notify the positioned Location information of the present location to specified service clients (information provider supporting Location notification).

● For Location notification function, subscription to an information provider supporting Location notification and a service usage fee may be required.

● Sent location information may not reach an information provider depending on the signal strength.

● Using Location notification is charged.

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶ [Loc.notification/set]▶[Location notification].**

2 **Select the service client.**
◆ Select [Select from list]▶select a service client▶⊙.
◆ Select [Direct input]▶enter the service client ID▶⊙.
● To cancel positioning location: Press ⓘ▶⊙.
• Positioning may not be canceled or the location information may be sent depending on timing.

● Change sound/volume/LED color for Location notification (☞P. 91, P. 104).
● When the 2in1 service is used, the location information is notified with Number A regardless of the mode.

■ **Setting Positioning mode of Location notification <Positioning mode>**

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶ [Loc.notification/set]▶[Positioning mode].**

2 **Select the Positioning mode▶⊙▶[OK].**

Saving service clients <Notification clients>

Save up to five service clients to notify the present location.

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶ [Loc.notification/set]▶[Notification clients].**

2 **Press ⓒ▶[Save new].**
• Alternatively, press ⓘ.

3 **Select [Name]▶enter a service client name▶⊙.**
• Enter up to 32 single-byte (16 double-byte) characters.

4 **Select [ID]▶enter the service client ID▶⊙.**
• Enter ID specified by a GPS information provider.
• Enter up to 12 single-byte numeric characters. ✳ and # are also available to enter.

5 **Select [Phone number]▶enter a phone number.**

◆ **Select [Search phonebook]▶select a recipient▶ ⊙.**

◆ **Select [Direct input]▶enter a phone number▶ ⊙.**

- The phone number already saved as location service client cannot be added.

6 **Select [Auto]▶select the setting▶ ⊙.**

- If automatic notice is set to [Yes], automatically notifies the present location to the recipient when a voice/Videophone call is made to a saved phone number.

7 **Press ⓘ.**

■ **Submenu operations for notification clients screen**

[Save new]	☞P. 305
[Copy to microSD]	☞P. 338
[Send data]	
▶[Send Ir data]	☞P. 352
▶[iC transmission]	☞P. 355
[Add to phonebook]▶add to the phonebook	
[Delete]	
▶[Delete one]▶[Yes]	
▶[Delete selected]▶select a service client▶ ⊙ ▶ ⓒ ▶ [Yes]	
▶[Delete all]▶enter the terminal security code▶ ⊙ ▶ [Yes]	

■ **Editing saved contents of location service clients**

1 **In the notification clients screen, select a location service client▶ ⊙.**

2 **Select an item▶ ⊙.**

3 **Edit▶ ⓘ.**

Displaying history of checked location information

Up to 50 entries of location information positioned by GPS function are saved in Location history. Use location information on the history to display a map or for other operations.

- When 50 entries are exceeded, entries are overwritten starting with the oldest.
- Even if latitude and longitude are indicated on the Location history screen, sent location information may not reach the service clients or provider.

1 **In the Custom menu, select [LifeKit]▶[Map/GPS]▶[Location history].**
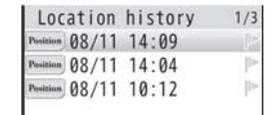
- Location history types and dates are listed starting with the most recent.

Location history list

Location history type

Position	Position location	Notify	Location notification
Provide	Location provision		

- [▶] appears when the location history contains location information.
- To show a map: Select a location history▶ ⓘ.

2 **Select the location history▶ ⊙.**
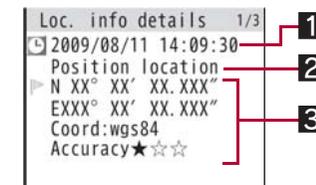
Location history details screen

1 Positioning date

2 History type
[Position location]/[Location notification]/[Location provision] appears. For [Location notification]/[Location provision], the icon and the information of the service client or service client for provision appear.

For Location notification

▦	Service client name	▥	Service client ID

For Location provision

▦	Service client name for Location provision
▥	Service client ID for Location provision
👤	Requestor name for Location provision
👤ID	Requestor ID for Location provision

※ When the requestor ID for Location provision is a phone number or mail address, Phone To (AV Phone To) (☞P. 176) and Mail To (☞P. 176) can be used.

③ Location information

Latitude   : Degrees, Minutes, Seconds
Longitude   : Degrees, Minutes, Seconds
Datum*   : wgs84 (World Datum)
Accuracy   : Error range of accuracy (☞P. 299)
*   Datum is a standard for expressing the position on the earth as latitude and longitude.

- Accuracy is a rough indication. It may differ depending on the radio wave condition of the surroundings.
- The entry that has failed or interrupted to position for Position location is not saved as Location history.
- If the location information is provided when the 2in1 service is used, the requestor name for Location provision appears in each 2in1 mode according to the Phonebook 2in1 setting.
- The location information and accuracy recorded in Location history may differ from those sent to a location provider and a location service client due to the signal strength, etc.

■ Submenu operations for location history list screen

[Read Map]

[Map/GPS αppli] ▶ select i-αppli ▶ ⊙

[Paste to mail] ▶ **[OK]** ▶ compose and send a mail

[Add to phonebook] ▶ add to the phonebook

[Attach to image] ▶ select an image ▶ ⊙ ▶ 📷 ▶ select the saving method ▶ ⊙

[Delete]

     ▶ **[Delete one]** ▶ **[Yes]**

     ▶ **[Delete selected]** ▶ select a location history ▶ ⊙ ▶ 📷 ▶ **[Yes]**

     ▶ **[Delete all]** ▶ enter the terminal security code ▶ ⊙ ▶ **[Yes]**

■ Submenu operations for location history details screen

- Refer to submenu operations for location history list screen (☞P. 307) for the following functions.
  - ■ Read Map   ■ Map/GPS αppli   ■ Paste to mail
  - ■ Add to phonebook   ■ Attach to image

[Delete one] ▶ **[Yes]**

Using location information from each function

Use location information with each function by adding location information to data such as phonebook and still pictures or displaying a map based on the added location information.

Adding location information

Example: Phonebook

1 In the phonebook entry screen, select **[▶]**.

2 Select a location information to add.
- ◆ Select **[From position loc.]** ▶ ⊙ ▶ **[Yes]**.
  - • The present location is positioned by GPS function.
- ◆ Select **[From loc. history]** ▶ select a location history ▶ ⓘ ▶ **[Yes]**.
- ◆ Select **[From image]** ▶ select an image ▶ ⓘ.
- ◆ Select **[Loc. info details]**.

◆ **Select [Del. location info].**
- For images saved in My picture of Data box or i-mode mail, location information added to the phonebook can be selected. The location information added to an image cannot be selected.
- For My picture of Data box, when the operation is made from the image list screen, multiple images to which location information is added can be selected.

Using added location information

■ **Using location information in the FOMA terminal handset phonebook or in images saved in My picture of Data box**

Example: Phonebook

1 **In the phonebook entry details screen, select [▶].**
- To show a map based on the address saved in the phonebook: In the phonebook entry details screen, select [▣] ▶ ⊙.

2 **Select a usage.**
- ◆ **Select [Read Map].**
- ◆ **Select [Map/GPS αppli]** ▶ **select i-αppli** ▶ ⊙**.**
- ◆ **Select [Paste to mail]** ▶ **[OK]** ▶ **compose and send a mail.**
- ◆ **Select [Attach to image]** ▶ **select an image** ▶ ⊙ ▶ 📷 ▶ **select the saving method** ▶ ⊙**.**
- ◆ **Select [Loc. info details].**

■ **Using location information of sites, data broadcasting, ToruCa or Message R/F**

Example: Sites

1 **While viewing sites, select location information** ▶ ⊙**.**

2 **Select a usage.**
- ◆ **Select [Read Map].**
- ◆ **Select [Map/GPS αppli]** ▶ **[Yes]** ▶ **select i-αppli** ▶ ⊙**.**
- ◆ **Select [Paste to mail]** ▶ **[Yes]** ▶ **compose and send a mail.**

15°
15°
Approx. 4 m   Infrared port
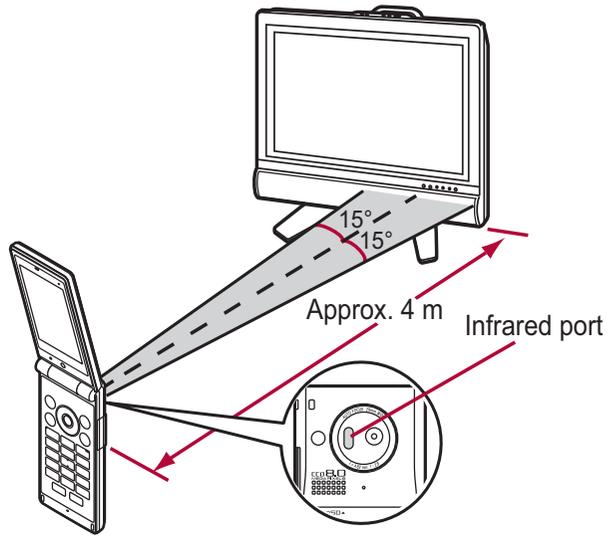
● Actual operational methods will differ with each i-αppli software application.
● Control devices from a distance of up to approximately 4 m (Distance will vary depending on the device, the ambient brightness and other factors).

● When in the Self mode, the Ir remote control function cannot be used.

● Depending on the device, operation may not run properly.

● Remote control operation may not run properly directly under fluorescent lights, near other equipment using infrared signals, or in areas of direct sunlight.

iC communication

Use iC communication to send and receive data to and from other FOMA terminals which also support iC communication function.
● During iC communication, the FOMA terminal status is the same as when outside the service area, such that making/receiving calls, i-mode, and data communications are not possible.
● iC communication is not available while a call is in progress or the IC card is locked.

● For an image, i-motion, Melody, PDF, or Decome-Anime Template in the Data box, Sending and receiving all data items is not available. For other than those above, data that can be sent and received or operations when various lock functions are set are same as for Ir communication (☞P. 350).
● For details on starting iC communication from i-αppli ☞P. 281

Precautions for using iC communication function
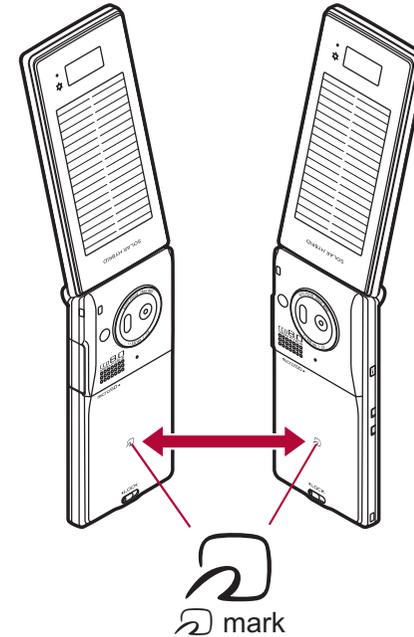
mark

● Use while placing the mark of receiver's FOMA terminal on that of sender's FOMA terminal as shown.
● Do not move the FOMA terminal until all data are sent and received.
● Sending and receiving data may be difficult depending on the other party's FOMA terminal. In such case, make the clearance between the mark closer or farther, or move them up/down/left/right alternately.
● During iC communication, FOMA terminal called LED flashes (☞P. 104).
● Data communication via iC communication is not available while charging.

Overseas Use

Outline of international roaming (WORLD WING)

International roaming (WORLD WING) is a service that enables you, using overseas telecommunications carrier's networks, to make calls and use i-mode.
Use this FOMA terminal for voice/Videophone calls, i-mode and SMS with the phone number and mail address used in Japan.
Network services such as Voice Mail and Call Forwarding Services can also be used.

● This service is available in the 3G network service area. In addition, this service is available in countries and regions supporting 3G850MHz. This FOMA terminal cannot be used in the GSM/GPRS network service area.
● By default, the FOMA terminal is set to automatically switch networks (☞P. 415).
● Refer to the following before using the FOMA terminal overseas.
  ■ "Mobile Phone User's Guide [International Services]"
  ■ "Mobile Phone User's Guide [Network Services]"
  ■ PDF file "海外ご利用ガイド" pre-installed in [My Documents] of Data box
  ■ DOCOMO "International Services website"

Country codes of major countries

The following shows "Country code" used when making international calls (☞P. 64) or setting International dial assist (☞P. 65).

● For other country codes and details, refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO "International Services website".

Country/Region	Code	Country/Region	Code
Australia	61	Maldives	960
Austria	43	Netherlands	31
Belgium	32	New Caledonia	687
Brazil	55	New Zealand	64
Canada	1	Norway	47
China	86	Peru	51
Czech	420	Philippines	63
Egypt	20	Russia	7
Fiji	679	Singapore	65
Finland	358	South Korea	82
France	33	Spain	34
Germany	49	Sweden	46
Greece	30	Switzerland	41
Hong Kong	852	Tahiti (French Polynesia)	689
Hungary	36		
India	91	Taiwan	886
Indonesia	62	Thailand	66
Italy	39	Turkey	90
Japan	81	U.K.	44
Macau	853	U.S.A.	1
Malaysia	60	Vietnam	84

Available services overseas

The available communication services overseas are as follows.

Communication service	Explanation	3G
Voice call[*1, 2]	Make or receive calls in your country of stay or make international calls to Japan or to other countries with the same phone number as used in Japan while abroad.	○
Videophone[*1, 2]	Make international Videophone calls to users of the specified 3G telecommunications carriers overseas and FOMA users in Japan.	○
i-mode mail	Send or receive i-mode mail overseas with the same address as used in Japan.	○
i-mode[*3]	Use i-mode overseas.	○
i-Channel[*3, 4]	Use i-Channel overseas.	○
i-concier[*5]	Use i-concier overseas.	○
i-Widget[*6]	Use i-Widget overseas.	○
SMS	Send or receive SMS overseas with the same phone number as used in Japan.	○
GPS position location[*7]	Use the GPS function to check the present location overseas.	○
Packet transmission by connecting a PC, etc.[*8]	Use packet transmission overseas.	○

*1 When the 2in1 is used, calling from Number B is not available overseas.
*2 When Multi Number is used, calling from Additional Number is not available overseas.
*3 Overseas use settings for i-mode is required (☞P. 412).
*4 i-Channel setting is required. Packet transmission charges are incurred for each i-Channel reception (including Basic channel).

*5 Overseas use settings for i-concier is required. Packet transmission charges are incurred for each information reception.
Overseas use settings for i-concier can be changed in the following way.
In the Custom menu, select [i-concier] ▶ 🔳 ▶ [設定] ▶ [その他共通設定] ▶ [海外利用設定].
*6 Setting for i-Widget roaming is required (☞P. 283). Multiple Widget Appli may attempt transmission when i-Widget screen appears. In such case, packet transmission charges are incurred for each transmission.
*7 Set the correct date and time in advance. Transmission charges are not incurred when the present location is positioned. However, packet transmission charges are incurred when a map is displayed based on the location information.
*8 Unable to use 64K data communication by connecting a PC, etc.

- Some services are not available depending on the telecommunications carrier or network. Refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO "International Services website" for information on available countries and regions, and telecommunications carriers.
- Overseas packet transmission charges differ from those in Japan.
- 日英版しゃべって翻訳 for SH (J-E Speech Translation for SH) is available overseas (☞P. 266).

Before use overseas

The following items must be checked before departure, at your country of stay, and after homecoming.

Preparation before departure

Prepare below in Japan before using the FOMA terminal overseas.

■ About contract
- If subscribed to the FOMA service after September 1, 2005, a subscription for "WORLD WING" is not required. However, if a subscription for "WORLD WING" is canceled at or after a subscription for the FOMA service, a subscription for "WORLD WING" is required again.

- If subscribed to the FOMA service before August 31, 2005 but not subscribed to "WORLD WING", a subscription for "WORLD WING" is required. Some payment plans are not available.
- Insert the WORLD WING compatible FOMA card (green/white) to the FOMA terminal (☞P. 44).

■ About charging batteries

- Precautions for handling the AC adapter ☞P. 16
- Methods for charging the AC adapter ☞P. 45

■ About browsing i-mode sites

To browse i-mode site overseas, the settings for overseas use must be made from iMenu in advance.
i-mode site: Select [iMenu] ▶ [English] ▶ [Options] ▶ [International Settings] ▶ [i-mode services Settings].

- iMenu cannot be displayed by pressing 🛈 in the stand-by display overseas. If Set i-mode button is set to [iMenu/Search], the message stating that i-mode menu is displayed appears when 🛈 is pressed for the first time overseas. i-mode menu appears from the next time.

■ About setting network service

If subscribed to network services, Voice Mail Service, Call Forwarding Service or other services can be used overseas.

- Some network services may not be set or checked depending on overseas telecommunications carrier. In addition, some network services are available only in Japan.
- To use network services overseas, set Remote Control (☞P. 401, P. 418) to "Activate" in advance.

■ About inquiries overseas

For lost, stolen, and cost settlement, or malfunction of the FOMA terminal overseas, refer to "Loss or theft FOMA terminal or payment of cumulative cost overseas" or "Failures encountered overseas" on the back of this manual. Note that any call or transmission charges incurred after the FOMA terminal is lost or stolen are charged to the subscriber.

- Add the "International call access codes for major countries (table 1)" or "International prefix numbers for the universal number (table 2)" that is assigned to your country of stay, to the head of your phone number for inquiries.

International call access codes for major countries (table 1)
The following shows the International call access codes for major countries.
- Communication charges to Japan will apply.

Country/Region	Code	Country/Region	Code
Australia	0011	Monaco	00
Belgium	00	Netherlands	00
Brazil	0021/ 0014	New Zealand	00
		Norway	00
Canada	011	Philippines	00
China	00	Poland	00
Czech	00	Portugal	00
Denmark	00	Russia	810
Finland	00	Singapore	001
France	00	South Korea	001
Germany	00	Spain	00
Greece	00	Sweden	00
Hong Kong	001	Switzerland	00
Hungary	00	Taiwan	002
India	00	Thailand	001
Indonesia	001	Turkey	00
Ireland	00	U.A.E.	00
Italy	00	U.K.	00
Luxemburg	00	U.S.A.	011
Macau	00	Vietnam	00
Malaysia	00		

International prefix numbers for the universal number (table 2)

The following shows the International prefix number for the universal number of each country.

- Communication charges or other charges to your country of stay will apply.
- Communication charges to your country of stay will apply when calling from the mobile phone.

Country/Region	Code	Country/Region	Code
Argentina	00	Luxemburg	00
Australia	0011	Malaysia	00
Austria	00	Netherlands	00
Belgium	00	New Zealand	00
Brazil	0021	Norway	00
Bulgaria	00	Peru	00
Canada	011	Philippines	00
China	00	Portugal	00
Columbia	009	Singapore	001
Denmark	00	South Africa	09
Finland	990	South Korea	001
France	00	Spain	00
Germany	00	Sweden	00
Hong Kong	001	Switzerland	00
Hungary	00	Taiwan	00
Ireland	00	Thailand	001
Israel	014	U.K.	00
Italy	00	U.S.A.	011

- Some codes may not be used.
- Note that the universal number may not be used for calls from a mobile phone, payphone or hotel.
- The universal number can be used only for countries listed on table 2.
- Calling from a hotel may cost you extra call charges requested by the hotel (You are responsible for the call charges). Confirm with the hotel before making calls.

Using at your country of stay

The service is available in the 3G network service area.
The FOMA terminal automatically searches for the network when the power is turned on, and connects to the available telecommunications carrier in your country of stay.

- When Auto time correction (☞P. 52) is set to [ON], if information with time and time differences is received from overseas telecommunications carrier which is being connected, time and time differences on the FOMA terminal clock are corrected. The correction timing differs depending on the telecommunications carrier.
- Auto time correction may not be available overseas. In such case, correct the time manually (☞P. 52).
- If the connected telecommunications carrier is changed when Auto time correction is set to [ON], a screen notifying that time difference is adjusted may appear.
- When Operator name display (☞P. 416) is set to [Display on], the telecommunications carrier connected appears in stand-by.
- When Clock display (☞P. 97) is set to [ON(Large)], the local time and Japan time appear (excluding regions keeping the same standard time as Japan time). If selecting Down for Set display position, Japan time appears above the local time. If selecting Up for Set display position, Japan time appears under the local time. The local time appears on the sub display.
- Talk time or stand-by time may be reduced to half the normal time depending on the network condition of your country of stay.

Setting after homecoming

By default, the FOMA terminal is set to automatically search for the network and to be connected to the FOMA network when the power is turned on after homecoming.

- If the Network search mode is set to [Manual], switch to the FOMA network (DOCOMO) manually or change to [Auto].

Making a call at your country of stay

Make a call from overseas using the international roaming service.

- Even when Notify caller ID of the network service (☞P. 53) is set to "Send ID", [Unavailable] or [User unset] appears depending on the telecommunications carrier, and the caller ID may not be displayed correctly.

Making a call outside your country of stay (including Japan)

Make a call from your country of stay to Japan or other countries.

1 **In stand-by, enter + (press 🄀 for 1+ seconds), country code, area code (city code) and other party's phone number.**

- When the area code (city code) begins with *0*, omit the *0* when dialing (Include *0* when making a call to some countries or regions such as Italy).

2 **Press ⌁ (Phone)/🔊 (V.phone).**

■ Making an international call outside your country of stay using Country code conversion

Set Country code conversion (☞P. 65) to [ON] and set the country code frequently called to easily make an international call.

- *0* at the beginning of a phone number is automatically converted to the country code set in Country code conversion.

Example: Make a call from phonebook

1 **In stand-by, press 📖 ▶ select the other party.**

2 **Press ⌁ (Phone)/🔊 (V.phone).**

3 **Select [Call].**

- To dial a phone number as stored in the phonebook: Select [Original number].

■ Making a call to the phone in country saved in Set country code

Save a country code using Set country code (☞P. 66) to select a country code before making an international call.

- The following operation is available overseas only.

1 **In stand-by, enter a phone number ▶ 📷 ▶ [Add prefix setting] ▶ [International Call].**

2 **Select the country code ▶ ⦿.**

3 **Press ⌁ (Phone)/🔊 (V.phone).**

Making a call in your country of stay

Make a domestic call at your country of stay in the same way as you do in Japan.

1 **In stand-by, enter a phone number.**

2 **Press ⌁ (Phone)/🔊 (V.phone).**

- Always dial the area code (city code), even when the number is in the same area.
- When making a domestic call at your country of stay using the phonebook, select [Original number] in step 3 of "Making an international call outside your country of stay using Country code conversion" on P. 414.

Making a call to a WORLD WING subscriber overseas

When making a call to a "WORLD WING" subscriber overseas, make an international call to Japan regardless of your country of stay.

1 **In stand-by, enter + (press 🄀 for 1+ seconds), country code *81* (Japan), the other party's mobile phone number excluding *0*.**

2 **Press ⌁ (Phone)/🔊 (V.phone).**

Receiving a call overseas

Receive a call overseas in the same way as you do in Japan.

1 Press 🎧 to receive an incoming call.

- Speak to the caller.

- Even when a caller tried to notify of caller ID, it might not be notified depending on the used telecommunications carrier.
- 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 FOMA terminal

■ Having calls made to your FOMA terminal from Japan

To receive an international call from Japan, have your phone number dialed just as a domestic call in Japan.

090 (or 080)-XXXX-XXXX

- Calling from Received calls may not be available since the phone number may not be displayed correctly.

■ Having calls made to your FOMA terminal from countries other than Japan

Have the international call access code and *81* (Japan) added to the beginning of your phone number, and *0* excluded as an international call to Japan regardless of your country of stay.

International call access code of the country of the caller-81-90 (or 80)-XXXX-XXXX

Setting a search method of telecommunications carrier

- Set to manually select a telecommunications carrier.
- Re-search a network to set another telecommunications carrier.
- Check that the Network search mode is set to [Auto] when [圏外] appears even after homecoming.
- If telecommunications carrier is selected with [Manual] set overseas, manually set to the FOMA network (DOCOMO) again or change to [Auto] after homecoming.

1 In the Custom menu, select [Settings] ▶ [Phone settings] ▶ [Other settings] ▶ [International Roam.] ▶ [Network search mode].

2 Select the setting.

- ◆ **Select [Auto] ▶ [Yes].**
  - When [Auto] is set: Select [Auto].
- ◆ **Select [Manual] ▶ select a telecommunications carrier ▶ ⦿.**
  - The telecommunications carrier is changed.
- ◆ **Select [Network re-search].**
  - The host network is changed automatically if the Network search mode is set to [Auto]. If set to [Manual], select a telecommunications carrier and press ⦿.

Checking available communication services
<In-area status>

Check the status whether making a call, data transmission or packet transmission is available.

1 In the Custom menu, select [Settings] ▶ [Phone settings] ▶ [Other settings] ▶ [In-area status] ▶ [Agree].

Overseas Use

415

Setting a telecommunications carrier to preferentially connect to

Specify the priority order of telecommunications carriers connected to when the Network search mode is set to [Auto]. Save up to 20.

1 **In the Custom menu, select [Settings] ▶ [Phone settings] ▶ [Other settings] ▶ [International Roam.] ▶ [Network search mode] ▶ [PLMN setting].**

- To check the saved telecommunications carrier's detailed information, select the telecommunications carrier.

2 **Select the number of the priority order ▶ 📷.**

3 **Select the saving method.**

- ◆ **Select [PLMN manual select] ▶ enter a country code (MCC) ▶ ⊙ ▶ enter a network code (MNC) ▶ ⊙.**
- ◆ **Select [UPLMN by list] ▶ select a telecommunications carrier ▶ ⊙.**
  - To search a telecommunications carrier from country name: Select [UPLMN by list] ▶ 📷 ▶ select a country name ▶ ⊙ ▶ select a telecommunications carrier ▶ ⊙.
  - To check the detailed information of the telecommunications carrier: Select [UPLMN by list] ▶ select the telecommunications carrier ▶ 🛈.
- ◆ **Select [Set VPLMN to PLMN].**
  - Save the telecommunications carrier currently connected to.
- ◆ **Select [Change priority] ▶ select a destination ▶ ⊙.**
- ◆ **Select [Delete] ▶ [Delete one].**
- ◆ **Select [Delete] ▶ [Delete all] ▶ enter the terminal security code ▶ ⊙.**

4 **Select [Yes].**

Displaying a telecommunications carrier during roaming

Set whether to display a telecommunications carrier name currently connected to in stand-by during international roaming.

1 **In the Custom menu, select [Settings] ▶ [Phone settings] ▶ [Other settings] ▶ [International Roam.] ▶ [Operator name disp].**

2 **Select the setting ▶ ⊙ ▶ [Yes].**

■ When displaying a telecommunications carrier
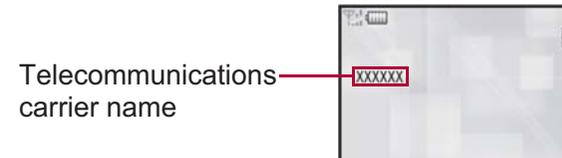
Telecommunications carrier name

Activating roaming guidance

Set whether to play the guidance stating that international roaming is activated when a call is received during international roaming.

- Make this setting while still in Japan.

1 **In the Custom menu, select [Settings] ▶ [Other NW Services] ▶ [Roaming guidance].**

2 **Select an item ▶ ⊙.**

3 **Select [Yes].**

Overseas Use

416

Setting incoming call to reject during roaming

Set the FOMA terminal to reject calls during roaming. Select whether to bar all incoming calls or only the Videophone calls.

Bar all incoming	All incoming calls are barred.
Bar V.phone/64K	Only the Videophone calls are barred.

- Depending on the overseas telecommunications carrier, the setting cannot be made.
- Unable to use 64K data communication overseas.

1 **In the Custom menu, select [Settings]▸[Phone settings]▸[Other settings]▸[International Roam.]▸[Call barring].**

2 **Select an item.**
- ◆ **Select [Activate]▸[Yes]▸select the barring method▸⊙▸enter the network security code▸⊙.**
- ◆ **Select [Deactivate]▸[Yes]▸enter the network security code▸⊙.**
- ◆ **Select [Check setting].**

Using Missed Call Notice function during roaming

When the FOMA terminal is outside the service area, turned off, or a received call cannot be answered during international roaming, the information of the call (received date and time or caller ID) is notified with SMS.
- For details on setting at your country of stay ☞P. 418

1 **In the Custom menu, select [Settings]▸[Phone settings]▸[Other settings]▸[International Roam.]▸[Missed Call Notice].**

2 **Select an item.**
- ◆ **Select [Activate]▸[Yes].**
- ◆ **Select [Deactivate]▸[Yes].**
- ◆ **Select [Check setting].**

Using network services during roaming

Use network services such as Voice Mail and Call Forwarding Services from overseas.
- Depending on the overseas telecommunications carrier, the setting cannot be made.
- Voice Mail and Call Forwarding Services subscription are required to use Voice Mail (Int.) and Call Forward (Int.).
- To use network services overseas, set Remote Control (☞P. 401, P. 418) to "Activate" in advance.
- If operated from overseas, international call charges for your country of stay are incurred.

Overseas Use

417

Operating Voice Mail Service in country you stay <Voice Mail(Int.)>

1 In the Custom menu, select [Settings]▶[Phone settings]▶[Other settings]▶[International Roam.].

2 Select [Voice Mail(Int.)]▶select an item of Voice Mail Service▶ ⊙.

3 Select [Yes]▶operate according to the voice guidance.

Operating Call Forwarding Service in country you stay <Call Forward (Int.)>

1 In the Custom menu, select [Settings]▶[Phone settings]▶[Other settings]▶[International Roam.].

2 Select [Call Forward (Int.)]▶select an item of Call Forwarding Service▶ ⊙.

3 Select [Yes]▶operate according to the voice guidance.

Operating roaming guidance in country you stay <Roam. guidance(Int.)>

1 In the Custom menu, select [Settings]▶[Phone settings]▶[Other settings]▶[International Roam.].

2 Select [Roam. guidance(Int.)].

3 Select [Yes]▶operate according to the voice guidance.

Setting remote control in country you stay <Remote access (Int.)>

1 In the Custom menu, select [Settings]▶[Phone settings]▶[Other settings]▶[International Roam.].

2 Select [Remote access (Int.)].

3 Select [Yes]▶operate according to the voice guidance.

Operating Caller ID Request Service in country you stay <Caller ID req (Int.)>

1 In the Custom menu, select [Settings]▶[Phone settings]▶[Other settings]▶[International Roam.].

2 Select [Caller ID req (Int.)].

3 Select [Yes]▶operate according to the voice guidance.

Setting Missed Call Notice setting in country you stay <MissedCallNoticeInt.>

1 In the Custom menu, select [Settings]▶[Phone settings]▶[Other settings]▶[International Roam.].

2 Select [MissedCallNoticeInt.].

3 Select [Yes]▶operate according to the voice guidance.

Introduction of options and related devices

Combine the FOMA terminal 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.

● FOMA AC Adapter 01*1/02*1
● Battery Pack SH20
● Back Cover SH33
● Desktop Holder SH25
● Earphone Terminal P001*2
● Flat-plug Stereo Earphone Set P01*3
● Flat-plug Earphone/Microphone with Switch P01*3/P02*3
● Stereo Earphone Set P001*2
● Earphone/Microphone with Switch P001*2/P002*2
● Earphone/Microphone 01
● Stereo Earphone Set 01
● Earphone Plug Adapter P001*3
● Earphone Plug Adapter for External connector terminal 01
● Earphone Plug Adapter 01
● FOMA USB Cable*4

● FOMA AC Adapter 01 for Global use*1
● FOMA DC Adapter 01/02
● FOMA Indoor Booster Antenna*5
● In-Car Hands-Free Kit 01*6
● FOMA In-Car Hands-Free Cable 01
● In-Car Holder 01*7
● FOMA Dry Battery Adapter 01
● Carry Case S 01
● Bone conduction microphone/receiver 01*3
● FOMA USB Cable with Charge Function 02*4
● FOMA Portable Charging Adapter 01
● FOMA Indoor Booster Antenna (Stand Type)*5

*1 Refer to P. 45 for details on charging with an AC adapter.
*2 Connect Earphone Plug Adapter for External connector terminal 01 and Earphone Plug Adapter to use these options and related devices.
*3 Connect Earphone Plug Adapter for External connector terminal 01 to use these options and related devices.
*4 The use of USB HUB may not work correctly.
*5 For use only in Japan.
*6 FOMA In-Car Hands-Free Cable 01 is required to use/charge SH-08A.

Interfacing to external devices

Play moving pictures saved on microSD Cards on the FOMA terminal by using supported external devices.*
microSD Cards are sold separately. Purchase microSD Cards at home electronics shops (☞P. 333).
For details on compatible devices, refer to *http://k-tai.sharp.co.jp/support/d/sh-08a/*. Or, contact the number below.

● Play i-motion created on external devices (including music data in AAC format) on the FOMA terminal (☞P. 251).
* Some moving pictures cannot be played depending on the file format or the type of external device.

Sharp Data Communication Support Center
TEL: 03-5396-2351
Hours: 10:00 A.M. to 12:00 noon, 1:00 P.M. to 5:00 P.M., Monday through Friday
(Closed on weekends, national holidays, and company holidays)

● Check the phone number carefully before dialing.

About moving picture player software

QuickTime™ Player (Free) ver. 6.4 or later (or ver. 6.3+3GPP) provided by Apple Computer, Inc. is required to play moving pictures on a PC.
QuickTime™ Player can be downloaded from the following web page.
http://www.apple.com/jp/quicktime/download/

● To download, a PC connected to the Internet is required. Additional transmission fees are charged for downloading.
● Refer to the Apple Computer, Inc. web page for details on the operating environment, downloading, and usage instructions.

Main specifications

■ Package

Product name		SH-08A
Size		Approx. $$ (H) × Approx. $$ (W) × Approx. $$ (D) mm (Approx. $$ at thickest point) (when folded)
Weight		Approx. $$ g (with battery pack attached)
Continuous talk time[*1, 2]	FOMA/3G	Voice call: Approx. $$ min
		Videophone: Approx. $$ min
Continuous stand-by time[*2, 3]	FOMA/3G	When mobile: Approx. $$ hr[*4]
		At rest: Approx. $$ hr[*5]
1Seg watching time		Approx. $$ min
Charge time		AC adapter: Approx. 120 min
		DC adapter: Approx. 120 min
LCD	Type	Main display: New Mobile ASV LCD 16,777,216 colors Sub display: Organic EL One color
	Size	Main display: Approx. 3.0 inch Sub display: Approx. 0.8 inch
	Pixels	Main display: 409,920 pixels (480 × 854 dots) Sub display: 3,744 pixels (39 × 96 dots)
Image pickup device	Type	Main camera: CCD[*6] Sub camera: CMOS[*6]
	Size	Main camera: 1/2.5 inch Sub camera: 1/8.2 inch

Camera	Effective pixels	Main camera: Approx. 8.0 million pixels Sub camera: Approx. 0.43 million pixels
	Recorded pixels (Max.)	Main camera: Approx. 8.0 million pixels Sub camera: Approx. 0.41 million pixels
	Zoom (Digital)	Main camera: Up to approx. 20.4× Sub camera: Up to approx. 5.4×

Picture light source LED characteristics		a) Continuous illumination
		b) Wavelength
		   White: 400-700 nm
		c) Maximum output
		   White: 660 μW (inside FOMA terminal 620 μW)

Recording	Number of still pictures recorded	Approx. 1,100 shots[*7, 8]
	Continuous shooting of still pictures	Std-by: 4 shots/VGA: 6 shots/QVGA: 9 shots/QCIF: 25 shots
	File format for still picture	JPEG
	File format for moving picture	MP4
Music playback	Continuous playback time	i-motion: Approx. 460 min[*9]
		Chaku-uta full® (Compatible with background playback): Approx. 1,480 min[*9]
		WMA file (Compatible with background playback): Approx. 1,210 min[*10]
		Music&Video Channel (voice) (Compatible with background playback): Approx. 1,390 min
		Music&Video Channel (moving picture): Approx. 460 min
Memory capacity	Chaku-uta®	Approx. 128 MB[*11]
	Chaku-uta full®	

*1 Continuous talk time is an estimate of the time when talking in a location where the signal is normal.

*2 The above mentioned talk time and stand-by time are shortened with the use of data communications, Multiaccess, and the camera.

*3 Continuous stand-by time is an estimate of the time when FOMA terminal is closed and in a status where signals are received. Talk/stand-by time may be reduced by about half depending on conditions including battery level status, functions used, temperature and other environmental conditions, and signal strength (no signal or weak signal). Using i-mode reduces talk (transmission)/stand-by time. In addition, watching 1Seg, composing i-mode mail and activating downloaded i-αppli or the i-αppli stand-by will also shorten talk (transmission)/stand-by time even if calls or i-mode transmission are not made.

*4 Continuous stand-by time is the average usage time when the FOMA terminal is closed and in At rest, When mobile or Outside the service area status.

*5 Continuous stand-by time is the average usage time when the FOMA terminal is closed when you are not moving and in a status where signals are received.

*6 A CCD (Charge Coupled Device) and a CMOS (Complementary Metal-Oxide Semiconductor) are image devices equivalent to the film of silver salt cameras.

*7 Image size: QCIF (176 × 144 dots)/Image quality: NORMAL/File size: 10 KB.

*8 The number is the number of still pictures that can be shot when not deleting the data which is registered in advance.

*9 File format: AAC format

*10 File format: WMA format

*11 When still picture, moving picture, music, melody, My Documents, Kisekae Tool, Machi-chara, Chara-den, i-αppli, e-book/e-dictionary/e-comic, Music&Video Channel, video or ToruCa are saved, the memory capacity of Chaku-uta®/Chaku-uta full® will be small.

■ Battery pack

Product name	Battery Pack SH20
Battery	Lithium-ion
Nominal voltage	3.7V DC
Nominal capacity	800 mAh

Approximate recordable number/time

This lists the approximate number of shot images and recording times that can be saved in the FOMA terminal handset or 64 MB microSD Card. The number of images that can be shot or recordable image lengths are fewer or less when other images, i-αppli software or other types of files are saved in the FOMA terminal handset or 64 MB microSD Card. Also, the number or time may be fewer or less depending on the shooting conditions and the subject.

● For details on setting the image size of still pictures and moving pictures ☞P. 212

■ Number of still pictures that can be shot

FOMA terminal handset

	NORMAL	FINE	HIGH QUALITY
8M: 2448×3264	170 shots	75 shots	40 shots
5M: 1944×2592	260 shots	130 shots	65 shots
3M: 1536×2048	260 shots	160 shots	85 shots
FullHD: 1080×1920	440 shots	270 shots	170 shots
Stand-by: 480×854	2,000 shots	1,100 shots	650 shots
VGA: 480×640	2,000 shots	1,400 shots	1,100 shots
QVGA: 240×320	2,000 shots	2,000 shots	1,600 shots
QCIF: 176×144	2,000 shots	2,000 shots	2,000 shots

● The number is the number of still pictures that can be shot when deleting the data (the data can be deleted) which is registered on the FOMA terminal handset in advance.

64 MB microSD Card

	NORMAL	FINE	HIGH QUALITY
8M: 2448×3264	80 shots	35 shots	15 shots
5M: 1944×2592	110 shots	60 shots	30 shots
3M: 1536×2048	110 shots	75 shots	40 shots
FullHD: 1080×1920	190 shots	120 shots	75 shots
Stand-by: 480×854	930 shots	530 shots	280 shots
VGA: 480×640	930 shots	620 shots	530 shots

	NORMAL	FINE	HIGH QUALITY
QVGA: 240×320	1,800 shots	1,200 shots	750 shots
QCIF: 176×144	1,800 shots	1,800 shots	1,200 shots

■ Recording time of moving picture

Continuous recording time per shot of FOMA terminal handset

			ECONOMY	NORMAL	FINE	HIGH QUALITY
FWVGA: 864×480	Unre-stricted	Image + voice	–	–	–	13 sec
		Image only	–	–	–	13 sec
		Voice only	41 min			
VGA: 640×480	Unre-stricted	Image + voice	–	–	–	13 sec
		Image only	–	–	–	13 sec
		Voice only	41 min			
QVGA: 320×240	For mail (short)	Image + voice	–	–	–	10 sec
		Image only	–	–	–	10 sec
		Voice only	239 sec			
	For mail (long)	Image + voice	–	–	–	41 sec
		Image only	–	–	–	42 sec
		Voice only	16 min			
	Unre-stricted	Image + voice	–	–	–	103 sec
		Image only	–	–	–	106 sec
		Voice only	41 min			
QCIF: 176×144	For mail (short)	Image + voice	134 sec	78 sec	28 sec	19 sec
		Image only	176 sec	91 sec	31 sec	20 sec
		Voice only	239 sec			
	For mail (long)	Image + voice	552 sec	323 sec	117 sec	79 sec
		Image only	12 min	375 sec	129 sec	85 sec
		Voice only	16 min			
	Unre-stricted	Image + voice	23 min	13 min	294 sec	199 sec
		Image only	30 min	15 min	323 sec	212 sec
		Voice only	41 min			

			ECONOMY	NORMAL	FINE	HIGH QUALITY
sQCIF: 128×96	For mail (short)	Image + voice	155 sec	105 sec	52 sec	–
		Image only	214 sec	130 sec	62 sec	–
		Voice only	239 sec			
	For mail (long)	Image + voice	10 min	434 sec	215 sec	–
		Image only	14 min	534 sec	257 sec	–
		Voice only	16 min			
	Unre-stricted	Image + voice	26 min	18 min	537 sec	–
		Image only	36 min	22 min	10 min	–
		Voice only	41 min			

Total recording time of FOMA terminal handset

			ECONOMY	NORMAL	FINE	HIGH QUALITY
FWVGA: 864×480	Unre-stricted	Image + voice	–	–	–	332 sec
		Image only	–	–	–	332 sec
		Voice only	1,049 min			
VGA: 640×480	Unre-stricted	Image + voice	–	–	–	332 sec
		Image only	–	–	–	332 sec
		Voice only	1,049 min			
QVGA: 320×240	For mail (short)	Image + voice	–	–	–	16 min
		Image only	–	–	–	16 min
		Voice only	398 min			
	For mail (long)	Image + voice	–	–	–	43 min
		Image only	–	–	–	44 min
		Voice only	1,049 min			
	Unre-stricted	Image + voice	–	–	–	43 min
		Image only	–	–	–	45 min
		Voice only	1,049 min			

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			ECONOMY	NORMAL	FINE	HIGH QUALITY
QCIF: 176×144	For mail (short)	Image + voice	223 min	130 min	46 min	31 min
		Image only	293 min	151 min	51 min	33 min
		Voice only	398 min			
	For mail (long)	Image + voice	588 min	344 min	124 min	84 min
		Image only	771 min	400 min	137 min	90 min
		Voice only	1,049 min			
	Unre-stricted	Image + voice	588 min	344 min	125 min	84 min
		Image only	772 min	400 min	137 min	90 min
		Voice only	1,049 min			
sQCIF: 128×96	For mail (short)	Image + voice	258 min	175 min	86 min	–
		Image only	356 min	216 min	103 min	–
		Voice only	398 min			
	For mail (long)	Image + voice	680 min	462 min	229 min	–
		Image only	937 min	569 min	274 min	–
		Voice only	1,049 min			
	Unre-stricted	Image + voice	680 min	463 min	229 min	–
		Image only	937 min	570 min	274 min	–
		Voice only	1,049 min			

● The total recording time of FOMA terminal handset is the total time when deleting the data (the data can be deleted) which is registered on the FOMA terminal handset in advance.

Continuous recording time per shot of 64 MB microSD Card

			ECONOMY	NORMAL	FINE	HIGH QUALITY
FWVGA: 864×480	Unre-stricted	Image + voice	–	–	–	156 sec
		Image only	–	–	–	156 sec
		Voice only	360 min			
VGA: 640×480	Unre-stricted	Image + voice	–	–	–	156 sec
		Image only	–	–	–	156 sec
		Voice only	360 min			
QVGA: 320×240	For mail (short)	Image + voice	–	–	–	10 sec
		Image only	–	–	–	10 sec
		Voice only	239 sec			
	For mail (long)	Image + voice	–	–	–	41 sec
		Image only	–	–	–	42 sec
		Voice only	16 min			
	Unre-stricted	Image + voice	–	–	–	20 min
		Image only	–	–	–	20 min
		Voice only	360 min			
QCIF: 176×144	For mail (short)	Image + voice	134 sec	78 sec	28 sec	19 sec
		Image only	176 sec	91 sec	31 sec	20 sec
		Voice only	239 sec			
	For mail (long)	Image + voice	552 sec	323 sec	117 sec	79 sec
		Image only	12 min	375 sec	129 sec	85 sec
		Voice only	16 min			
	Unre-stricted	Image + voice	60 min	60 min	58 min	39 min
		Image only	60 min	60 min	60 min	42 min
		Voice only	360 min			

			ECONOMY	NORMAL	FINE	HIGH QUALITY
sQCIF: 128×96	For mail (short)	Image + voice	155 sec	105 sec	52 sec	–
		Image only	214 sec	130 sec	62 sec	–
		Voice only	239 sec			
	For mail (long)	Image + voice	10 min	434 sec	215 sec	–
		Image only	14 min	534 sec	257 sec	–
		Voice only	16 min			
	Unre-stricted	Image + voice	60 min	60 min	60 min	–
		Image only	60 min	60 min	60 min	–
		Voice only	360 min			

Total recording time per shot of 64 MB microSD Card

			ECONOMY	NORMAL	FINE	HIGH QUALITY
FWVGA: 864×480	Unre-stricted	Image + voice	–	–	–	156 sec
		Image only	–	–	–	156 sec
		Voice only	467 min			
VGA: 640×480	Unre-stricted	Image + voice	–	–	–	156 sec
		Image only	–	–	–	156 sec
		Voice only	467 min			
QVGA: 320×240	For mail (short)	Image + voice	–	–	–	19 min
		Image only	–	–	–	19 min
		Voice only	464 min			
	For mail (long)	Image + voice	–	–	–	20 min
		Image only	–	–	–	20 min
		Voice only	467 min			
	Unre-stricted	Image + voice	–	–	–	20 min
		Image only	–	–	–	20 min
		Voice only	467 min			

			ECONOMY	NORMAL	FINE	HIGH QUALITY
QCIF: 176×144	For mail (short)	Image + voice	261 min	160 min	56 min	37 min
		Image only	342 min	186 min	62 min	40 min
		Voice only	464 min			
	For mail (long)	Image + voice	262 min	161 min	57 min	38 min
		Image only	343 min	187 min	63 min	41 min
		Voice only	467 min			
	Unre-stricted	Image + voice	263 min	162 min	58 min	39 min
		Image only	344 min	188 min	64 min	42 min
		Voice only	467 min			
sQCIF: 128×96	For mail (short)	Image + voice	312 min	212 min	106 min	–
		Image only	431 min	261 min	127 min	–
		Voice only	464 min			
	For mail (long)	Image + voice	313 min	213 min	107 min	–
		Image only	432 min	262 min	128 min	–
		Voice only	467 min			
	Unre-stricted	Image + voice	314 min	214 min	108 min	–
		Image only	433 min	263 min	129 min	–
		Voice only	467 min			

Specific Absorption Rate (SAR) of mobile phone

This model phone SH-08A meets the MIC's[*] technical regulation for exposure to radio waves.

The technical regulation established permitted levels of radio frequency energy, based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The regulation employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit is 2 watts/kilogram (W/kg)[**] averaged over ten grams of tissue. The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The value of the limit is equal to the international guidelines recommended by ICNIRP[***].

All phone models should be confirmed to comply with the regulation, before they are available for sale to the public. The highest SAR value for this model phone is   W/kg. It was taken by the Telecom Engineering Center (TELEC), a Registered Certification Agency on the Radio Law. The test for SAR was conducted in accordance with the MIC testing procedure using standard operating positions with the phone transmitting at its highest permitted power level in all tested frequency bands. While there may be differences between the SAR levels of various phones and at various positions, they all meet the MIC's technical regulation. Although the SAR is determined at the highest certified power level, the actual SAR of the phone during operation can be well below the maximum value.

For further information about SAR, please see the following websites:

World Health Organization (WHO)
http://www.who.int/peh-emf/

ICNIRP
http://www.icnirp.de/

MIC
http://www.tele.soumu.go.jp/e/ele/body/index.htm

TELEC
http://www.telec.or.jp/ENG/Index_e.htm

NTT DOCOMO
http://www.nttdocomo.co.jp/english/product/

SHARP Corporation
http://www.sharp.co.jp/products/menu/phone/cellular/sar/index.html

* Ministry of Internal Affairs and Communications

** The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

*** International Commission on Non-Ionizing Radiation Protection

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 0.783 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

$C\epsilon 0168$

Hereby, Sharp Telecommunications of Europe Ltd, declares that this SH-08A 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/

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 organisations 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 0.678 W/kg and when worn on the body, as described in this user guide, is 0.801 W/kg.
Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between the user's body and the back of the handset. The use of beltclips, 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/fccid* after searching on FCC ID APYHRO00106.
Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website at *http://www.phonefacts.net*.

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 this terminal and its accessories, conduct all legally required procedures at your own risk and expense. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the US Department of Commerce.

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- CP8 PATENT

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Quick Manual

How to use Quick Manual

Remove the Quick Manual attached to the end of this manual by cutting along the perforations and fold it as shown below.
Carry the Quick Manual "Overseas Use" when the mobile phone is used with the International Roaming (WORLD WING) overseas.

■ Folding Quick Manual

● Be careful of injuries when cutting out the Quick Manual.

Cut along the perforations.

(Completed)
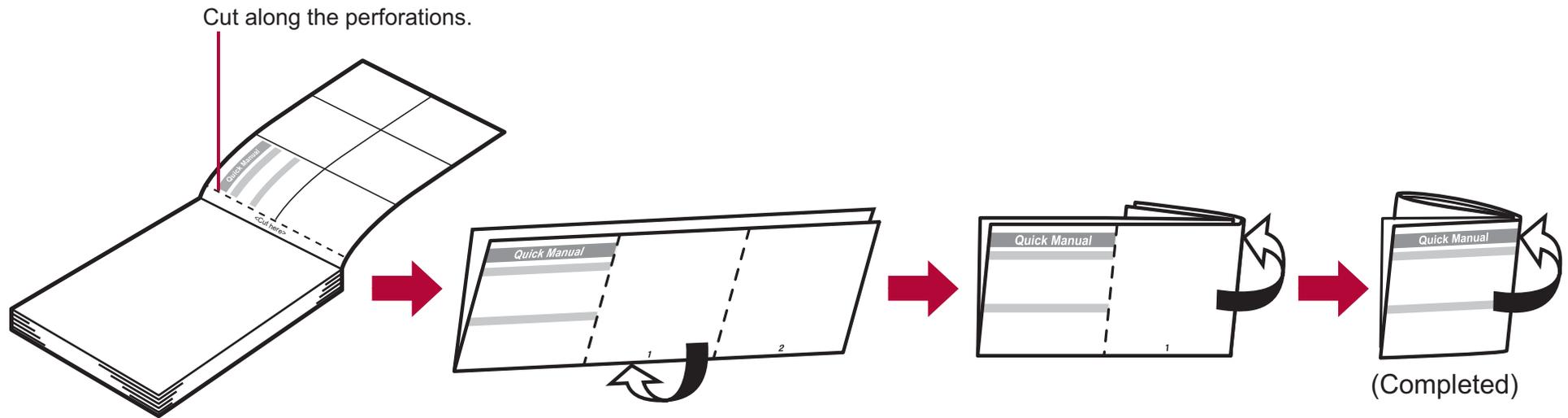
This manual is produced using recyclable material. Please recycle when no longer needed.

docomo SH-08A

Quick Manual

Registration/Contacts

General Inquiries <docomo Information Center>

📻 0120-005-250 (toll free)

※ Service available in: English, Portuguese, Chinese, Spanish, Korean.
※ Available from mobile phones and PHSs.

From DOCOMO mobile phones
(In Japanese only)

📱 (No prefix) 151 (toll free)

※ Unavailable from land-line phones, etc.

From land-line phones
(In Japanese only)

📻 0120-800-000 (toll free)

※ Available from mobile phones and PHSs.
● Please confirm the phone number before you dial.

<Cut here>

If you have problems with your FOMA

From DOCOMO mobile phones
(In Japanese only)

📱 (No prefix) 113 (toll free)

※ Unavailable from land-line phones, etc.

From land-line phones
(In Japanese only)

📻 0120-800-000 (toll free)

※ Available from mobile phones and PHSs.
● Please confirm the phone number before you dial.

Adding entries to phonebook (FOMA terminal handset)

1 **In stand-by, press 📖 (for 1+ seconds) ▶ [Phone].**

2 **Enter a name ▶ ⊙ ▶ [☎] ▶ enter a phone number ▶ ⊙ ▶ select a phone type icon ▶ ⊙ ▶ [📧] ▶ enter a mail address ▶ ⊙ ▶ select a mail address type icon ▶ ⊙ ▶ 📱 ▶ ⊙.**

–1–

■ Other save items

👥	: Group	🔐	: Secret
🏢	: Company/school	🈹	: Secret code
🏢	: Company/school (Reading)	♪	: Select ring tone
🏢	: Department	🎵	: Mail ring tone
📇	: Title	🔦	: Called LED color
〒	: Postal code	🔦	: Called LED pattern
📧	: Postal address	🔦	: Mail/Message LED color
▶	: Location info	🔦	: Mail LED pattern
🎂	: Birthday	📷	: Picture call set
👤	: Memo	😊	: Substitute image

Adding entries to phonebook from Redials/Received calls

1 **In stand-by, press ◎ (📤)/◎ (📥) ▶ select a phone number ▶ 📷 ▶ [Add to phonebook] ▶ [Save new to phone] ▶ add to the phonebook.**

Editing phonebook entries

1 **In stand-by, press 📖 ▶ select a name ▶ 📷 ▶ [Edit data] ▶ [Edit] ▶ select an item ▶ ⊙ ▶ edit.**

–2–

Text input

Changing input mode

1 **In the text input screen, press 📖 ▶ select the input mode.**

Switching upper/lower case

1 **Enter a character ▶ ✳.**

Deleting text

1 **Move the cursor to the text and press ᴄʟʀ.**

● To delete all text: At the end of the message, press ᴄʟʀ (for 1+ seconds).

Using phrases

1 **In the text input screen, press 📖 (for 1+ seconds) ▶ select a phrase ▶ ⊙ ▶ confirm the phrase ▶ ⊙.**

–3–

Entering pictograms/symbols

1 **In the text input screen, press 📱.**

● To switch between pictogram and Deco-mail pictogram: Press 📱.
● To switch between single- and double-byte symbols: Press 📷.

2 **Select a pictogram/symbol ▶ ⊙.**

Entering emoticons

1 **In the text input screen, press 📧 (for 1+ seconds) ▶ select an emoticon ▶ ⊙.**

Cutting/Copying/Pasting text

1 **In the text input screen, move the cursor to the start position ▶ 📷 ▶ [Copy]/[Cut(Hold♯)] ▶ ⊙.**

2 **Move the cursor to the end position ▶ ⊙.**

3 **Move the cursor to the paste position ▶ ✳ (for 1+ seconds).**

–4–

Text input example

Ex.) 今日のテニス3時🐌

1 **In the text input screen, press ② (twice) ▶ ◎ ▶ [今日].**

● As each hiragana character is entered, conversion candidates appear and they can be selected.

item		9996
今日		
▼Conv		
1この頃	7も	
2このごろ	8と	
3の	9が	
4は	0まで	
5に	✳午後	
6から	♯午前	

–5–

2 Press ◌ ▶ [の].

3 Press ④⑤③ ▶ ◌ ▶ [テニス].
- Use ◌ for One-touch conversion.

4 Press 🔲 (five times) ▶ ③.
- Press 🔲 (five times) for single-byte numeric mode.

5 Press 🔲 (twice) ▶ ③ (twice) ▶ ✳ ▶ ◌ ▶ [時].
- Use ✳ for dakuten mark.

6 Press 🔳 ▶ [🔨].

今日のテニス3時🔨|◀   🔋 9983

Pictograph

Changing font (font style)

1 In the Custom menu, select [Settings] ▶ [Disp/LED/Power saver] ▶ [Font style] ▶ [Font style setting] ▶ select the font ▶ ⊙.

Changing font size

1 In the Custom menu, select [Settings] ▶ [Disp/LED/Power saver] ▶ [Font style] ▶ [Font size setting] ▶ [Individual setting] ▶ select the [Input] field ▶ ⊙ ▶ select the font size ▶ ⊙ ▶ [Yes].
- To change collectively: In stand-by, press ⑤ (for 1+ seconds).

Camera

Shooting still pictures

1 In stand-by, press 📷 ▶ ⊙ ▶ ⊙.

Shooting moving pictures

1 In the Custom menu, select [Camera] ▶ [Shoot movie] ▶ ⊙ ▶ ⊙ ▶ [Save].

Displaying still pictures

1 In the Custom menu, select [Data box] ▶ [My picture] ▶ select a still picture ▶ ⊙.

Playing moving pictures

1 In the Custom menu, select [Data box] ▶ [i-motion/Movie] ▶ select a moving picture ▶ ⊙.

<Cut here>

Watching 1Seg

Performing Automatic channel setting

1 In the Custom menu, select [1Seg] ▶ [Channel setting].

2 Select the number to save ▶ 📷 ▶ [Auto channel set] ▶ [Yes].

3 Select an area ▶ ⊙ ▶ select a prefecture/district ▶ ⊙ ▶ ⊙ ▶ [Yes] ▶ [Yes].

Selecting a channel list

1 In the Custom menu, select [1Seg] ▶ [Channel setting] ▶ select a channel list ▶ ⊙.

Watching 1Seg

1 In stand-by, press 📷 (for 1+ seconds).
- To record a video of 1Seg programs: While watching 1Seg, press 🔳 (for 1+ seconds) ▶ (record) ▶ 🔳.
- To record 1Seg programs as a still picture: While watching 1Seg, press 🔳.

Watching videos

1 In the Custom menu, select [Data box] ▶ [1Seg].

2 Select the [Video] folder ▶ select a video ▶ ⊙.

Music playback

Using MUSIC Player

1 In the Custom menu, select [Data box] ▶ [MUSIC] ▶ select music data ▶ ⊙.

Key operations for MUSIC Player

To pause/play	⊙
To stop	✉
To adjust the volume	◌
To play previous song/return to the beginning of song	◌
To play next song	◌
To end MUSIC Player	📞 ▶ [Yes]

Mail

Composing and sending i-mode mail

1 In stand-by, press ✉ (for 1+ seconds) ▶ select the [To] field ▶ ⊙ ▶ select the input method.
- ◆ Select [Search phonebook] ▶ select a recipient ▶ ⊙.
- ◆ Select [Sent messages] ▶ select a recipient ▶ ⊙.
- ◆ Select [Rcvd messages] ▶ select a recipient ▶ ⊙.
- ◆ Select [Mail members] ▶ select a mail member ▶ ⊙.
- ◆ Select [Blog/SNS] ▶ select a posting site ▶ 🔳.
- ◆ Select [Direct input] ▶ enter an address ▶ ⊙.

2 Select the [Sub] field ▶ ⊙ ▶ enter a subject ▶ ⊙ ▶ [Msg] ▶ enter the message ▶ ⊙ ▶ 🔳.

Compose message
To
Sub
(No attachment)
Msg   0.0KB
EmojiPlus
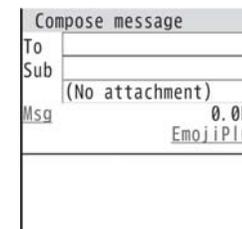
Sending Deco-mail

1 **In the text input screen, press ⓒ ▶ [Decorate mail] ▶ select a decoration type ▶ ⊙ ▶ specify decoration ▶ ⊙ ▶ input text ▶ ⊙ ▶ 🄸.**

Attaching a file

1 **In the compose message screen, select the attachment field (No attachment) ▶ ⊙ ▶ select the file to attach.**
- ◆ **Select [Image] ▶ select an image ▶ 🄸.**
- ◆ **Select [Melody] ▶ select a melody ▶ 🄸.**
- ◆ **Select [i-motion] ▶ select i-motion ▶ 🄸.**
- ◆ **Select [ToruCa] ▶ select a ToruCa ▶ 🄸.**
- ◆ **Select [PDF] ▶ select a PDF ▶ 🄸.**
- ◆ **Select [Phonebook] ▶ select a save destination ▶ ⊙ ▶ select a name ▶ ⊙.**
- ◆ **Select [Schedule] ▶ select a save destination ▶ ⊙ (▶ select a day ▶ 🄸)* ▶ select a schedule ▶ ⊙.**
  - * No operation is needed if [microSD] is selected as the save destination.

–12–

- ◆ **Select [Bookmark] ▶ select a save destination ▶ ⊙ ▶ select a bookmark ▶ ⊙.**
- ◆ **Select [Other] ▶ select a file ▶ ⊙.**
- ◆ **Select [Start cam (still)] ▶ ⊙ ▶ ⊙.**
- ◆ **Select [Start cam (movie)] ▶ ⊙ ▶ ⊙ ▶ [Save].**

Composing and sending SMS

1 **In stand-by, press ✉ ▶ [Compose SMS] ▶ select the [To] field ▶ ⊙ ▶ [Direct input] ▶ enter an address ▶ ⊙ ▶ [Msg] ▶ enter the message ▶ ⊙ ▶ 🄸.**

Receiving mail automatically

1 **Mail is automatically received.**

2 **Select [Mail] ▶ select the mail ▶ ⊙.**

Checking new i-mode mail

1 **In stand-by, press ✉ ▶ [Check new messages].**
- • SMS: Press ✉ ▶ [Check new SMS].

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Replying to i-mode mail

1 **In the received mail details screen, press ⓒ ▶ [Reply/Forward].**

2 **Select the reply method ▶ ⊙.**

3 **Compose and send a mail.**

Forwarding i-mode mail

1 **In the received mail details screen, press ⓒ ▶ [Reply/Forward] ▶ [Forward].**

2 **Enter an address and send a mail.**

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Menu list

Switching between the Custom menu/Basic menu

1 **In the Custom menu/Basic menu, press 🄼.**

Recalling a function number

1 **In the Basic menu, enter a function number.**

1 Snd/Vibrator/Manner	
1 Select volume	Received call volume, phone ring vol, Mail ring vol, Key sound, Standby i-motion, Charge start sound, Charge end sound, Timer sound, GPS volume
2 Select sound	Select ring tone, Select mail tone, Shutter sound, Timer sound, GPS tone
3 Vibrator	Vibration mode, Mail vibration, GPS vibrator
4 Manner mode	ON (Normal, Silent, Original), OFF
5 Headset setting	

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1 Snd/Vibrator/Manner	
6 Ring time setting	Mail ring time set, GPS ring time set
7 Set mute ring time	
8 Hold/On hold tone	Set on hold tone, Set hold tone
9 Sound playback	Melody stereo fx, Melody equalizer, Pref playback sound

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2 Disp/LED/Power saver	
1 Set screen	Stand-by display, Clock display, Calendar display, Stand-by memo disp, Sub Caller ID disp, Sub Clock display, Sub while charging
2 Font style	Font style setting, Font size setting
3 Themes	Kisekae Tool, Call/Rcv display, Send/Rcv display, Dial image set, Animate notices, Signal/batt/s clock, Machi-chara, Color theme setting
4 LED settings	Called LED, Mail LED, Notice LED, In-call LED, Alarm/Timer LED, IC card LED, Open/close LED, GPS LED
5 Display img quality	Vibrant image mode, Control by scene

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②Disp/LED/Power saver	
⑥Light/Power saver	Norm (auto bright), Norm (fixed bright), Eco mode (Pwr saver), Original Eco mode
⑦VeilView	Linked manner, Display pattern, Density
⑧Menu priority	

③General settings	
①++ソーラー充電お知らせ設定	++ソーラー充電お知らせ, ++ソーラー累積充電量リセット
②Check status	Own number, Check memory, Check settings
③Text input setting	User dictionary, Dwnld dictionary, Edit phrase, Clear memory terms, Input method
④Auto power ON/OFF	Auto power ON, Auto power OFF, Link alarm/power ON
⑤Date settings	

③General settings	
⑥Select language	
⑦USB mode setting	
⑧Scanning function	Update, Set auto-update, Set scan, Version
⑨Software update	
⓪Reset settings	

④NW Services	
①Voice Mail	Check messages, Play Messages, Activate VoiceMail, Set ring time, Deactivate VoiceMail, Check setting, Voice Mail setting, Notification setting, Notification, V.phone Voice Mail
②Call waiting	Activate, Deactivate, Check setting

④NW Services	
③Call Forwarding	Activate, Deactivate, Register number, If FWD number busy, Check setting
④Nuis. call blocking	Register caller, Register selected No, Delete all entries, Delete last entry, Check No of entries
⑤Notify caller ID	Check setting, Activate/Deactivate
⑥Caller ID request	Activate, Deactivate, Check setting
⑦Talk time/cost	
⑧2in1 setting	Mode switching, Phonebook 2in1 set, Stand-by display, Set call/receive No., 2in1 function OFF, Receive avoidance
⑨In-call arrival act	Set arrival act, Arrival Call Act

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⑤Other NW Services	
①Remote Control	Activate, Deactivate, Check setting
②Dual network	Switching, Check setting
③English guidance	Guidance setting, Check setting
④Service Numbers	ドコモ故障問合せ, ドコモ総合案内・受付, 海外紛失・盗難等, 海外故障
⑤Additional service	USSD, Reply message
⑥Multi number	Set multi number, Check setting, Number setting
⑦Chaku-moji	Create message, Message display
⑧Roaming guidance	Activate, Deactivate, Check setting

⑥Phone settings	
①In-call settings	Noise reduction, Reconnect signal, Quality alarm
②Headset sw to call	
③Incoming settings	Any key answer, Auto answer setting, Melody Call setting
④Videophone set	Redial voice call, Set sending image, Display setting, Subscreen position, Visual preference, Notify switch mode, Hands-free V.phone, V.phone while packet
⑤Record message	Record message, Answering duration, Reply message, V.phone reply image
⑥Set when folded	
⑦Self mode	

⑥Phone settings	
⑧Other settings	Int'l prefix, Sub address, Int'l dial assist, International Roam., In-area status

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⑦Security

①Secret mode	
②UIM Settings	PIN1 code input set, Change PIN1 code, Change PIN2 code
③Accept/Reject calls	Accept calls, Reject calls, Reject unknown, User unset, Reject payphone, Reject not support
④Show call/ received	Show rcvd calls, Show redial
⑤Show sent/ received	Show sent messages, Show rcvd messages
⑥Lock settings	All lock, Keypad dial lock, Function lock, Multi lock set, IC card lock, Multi lock auto-set
⑦Change security code	
⑧Delete all data	Delete user data, Del secret data

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⑧i-concier settings

①Incoming settings	Select volume, Select sound, Vibrator, Ring time setting, LED setting
②Information display	

⑨Battery

①Battery level
②Battery icon
③Icon% temp display

Other settings

⓪Own number
✴Initial setting

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Other functions

Manner mode enable/disable	⌗ (for 1+ seconds)
Public mode (Drive mode) activate/deactivate	✳ (for 1+ seconds)
Display the Lock selection	⦿ (for 1+ seconds)
Show i-Channel list	CLR (ch)
Show iMenu	🄸
Show i-αppli software list screen	🄸 (🄵) (for 1+ seconds)
Activate Quick search	Ⓠ
Activate Multi Assistant (Multitask)	Ⓠ while using a function
Display Shortcut menu	◡
Display i-Widget screen	◠
Display Received messages history	◔ (for 1+ seconds)
Display Sent massages history	◑ (for 1+ seconds)
VeilView ON/OFF	Ⓠ (for 1+ seconds)
Position location	MAP (for 1+ seconds)

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Network services

※ When the confirmation screen appears, select [Yes].

Voice Mail Service

Voice Mail Service is a paid option (monthly fees apply) that requires subscription.

1 In the Custom menu, select [Settings] ▶ [NW Services] ▶ [Voice Mail].

2 Select [Activate VoiceMail] ▶ [Activate VoiceMail].

- To deactivate: Select [Deactivate VoiceMail].
- To play messages: Select [Play Messages] ▶ [Play(voice call)]/[Play(videophone)].
- To check messages: Select [Check messages].

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Call Waiting

Call Waiting is a paid option (monthly fees apply) that requires subscription.

1 In the Custom menu, select [Settings] ▶ [NW Services] ▶ [Call waiting].

2 Select [Activate].

- To deactivate: Select [Deactivate].
- To check settings: Select [Check setting].

Call Forwarding Service

Call Forwarding Service is a free option (no monthly fees) that requires subscription.

1 In the Custom menu, select [Settings] ▶ [NW Services] ▶ [Call Forwarding].

2 Select [Activate] ▶ [Activate].

- To deactivate: Select [Deactivate].
- To check settings: Select [Check setting].

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Caller ID Request Service

Subscription is not required (no monthly fees).

1 In the Custom menu, select [Settings] ▶ [NW Services] ▶ [Caller ID request].

2 Select [Activate].

- To deactivate: Select [Deactivate].
- To check settings: Select [Check setting].

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Icon list

- Icons are shown in the order of main display and sub display.

Main display
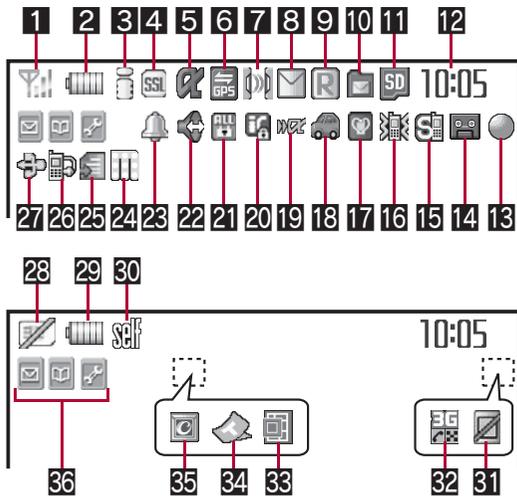
–30–

Sub display
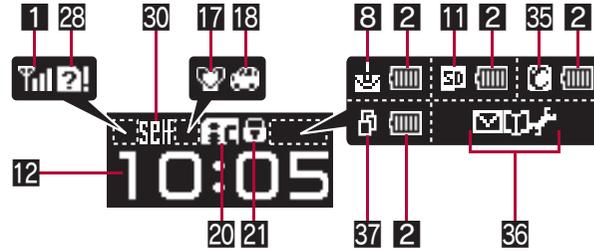
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1	Signal status
2	Battery level
3	i-mode/Full Browser
4	SSL/TLS
5	i-αppli
6	GPS
7	Ir communication/External device
8	i-mode mail/SMS/Area Mail received
9	Message R/F received
10	Storage status of i-mode center
11	(gray)/ microSD Card is inserted
11	(pink)/ microSD Card is being used
11	/ microSD Card cannot be recognized
12	Clock display
13	1Seg being recorded

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14	to	Record message
15		Silent
16		Vibrator
17	/	Manner mode
18	/	Public mode (Drive mode)
19		i-αppli call
20	/	IC card lock
21	/	Restriction
22		Hands-free in progress
23		Alarm
24		Music&Video Channel program reservation
25		i-mode mail send reservation
26		Earphone/Microphone connection
27		USB mode

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28	/	FOMA card is malfunctioning or not inserted
28	/	Non-FOMA card is inserted
29		High temperature warning
30	/	Self mode
31		VeilView
32		3G
33		Status of Comics setting
34		ToruCa
35	/	Receiving information
36	Multitask	
37		Operation in progress

※ Refer to P. 33 to P. 37 of the manual for detailed explanations of displayed icons.

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dōcomo SH-08A

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Quick Manual "Overseas Use"

Loss or theft FOMA terminal 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 (table 1) -81-3-5366-3114* (toll free)

* You are charged a call fee to Japan when calling from a land-line phone, etc.

※ If you use SH-08A, you should dial the number +81-3-5366-3114 (to enter "+", press the "0" key for 1+ seconds).

From land-line phones

<Universal number>

International prefix number for the universal number (table 2) -800-0120-0151*

* You might be charged a domestic call fee according to the call rate for the country you stay.

※ See P.19 to P.22 for international call access codes for major countries (table 1) and international prefix numbers for the universal number (table 2).

Failures encountered overseas <Network Technical Operation Center> (available 24 hours a day)

From DOCOMO mobile phones

International call access code for the country you stay (table 1) -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-08A, you should dial the number +81-3-6718-1414 (to enter "+", press the "0" key for 1+ seconds).

From land-line phones

<Universal number>

International prefix number for the universal number (table 2) -800-5931-8600*

* You might be charged a domestic call fee according to the call rate for the country you stay.

※ See P.19 to P.22 for international call access codes for major countries (table 1) and international prefix numbers for the universal number (table 2).

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Preparing for overseas use

Refer to the following before using the FOMA terminal overseas.
- "Mobile Phone User's Guide [International Services]"
- "Mobile Phone User's Guide [Network Services]"
- PDF file "海外ご利用ガイド" (Guide for overseas use) pre-installed in [My Documents] of Data box
- DOCOMO "International Services website"

Setting i-mode

■ Setting in Japan

1 In the Custom menu, select [i-mode]▸[iMenu/ Search]▸[English]▸[Options]▸[International Settings]▸[i-mode services Settings]▸[Yes]▸ select the [Enter i-mode Password] field▸◉▸ enter the i-mode password▸◉▸[OK].

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■ Setting in overseas

1 In the Custom menu, select [i-mode]▸[iMenu/ Search]▸[English]▸[International Settings]▸ [i-mode services Settings]▸[Yes]▸select the [Enter i-mode Password] field▸◉▸enter the i-mode password▸◉▸[OK].

Setting remote access

■ Setting in Japan

1 In the Custom menu, select [Settings]▸[Other NW Services]▸[Remote Control]▸[Activate]▸ [Yes].

■ Setting in overseas

1 In the Custom menu, select [Settings]▸[Phone settings]▸[Other settings]▸[International Roam.]▸[Remote access (Int.)]▸[Yes]▸operate according to the voice guidance.

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Correcting date and time automatically

1 In the Custom menu, select [Settings]▸[General settings]▸[Date settings]▸select the [Auto time correction] field▸◉▸[ON]▸🛈.

Setting time zone manually

1 In the Custom menu, select [Settings]▸[General settings]▸[Date settings]▸select the [Auto time correction] field▸◉▸[OFF]▸📷.

2 Select a time zone▸◉▸select a city▸◉▸🛈.

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Available network

3G network	Available
GSM network	Not available
GPRS network	Not available

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Available services overseas

Communication service	3G
Voice call	○
Videophone	○
i-mode mail	○
i-mode	○
i-Channel	○
i-concier	○
i-Widget	○
SMS	○
GPS position location	○
Packet transmission by connecting a PC, etc.	○

● Unable to use 64K data communication by connecting a PC, etc. overseas.

Setting a search method of telecommunications carrier

Network search mode

Default setting: Auto (Automatically switches telecommunications carriers)

1 In the Custom menu, select [Settings] ▶ [Phone settings] ▶ [Other settings] ▶ [International Roam.] ▶ [Network search mode].

2 Select [Auto] ▶ [Yes].

- To manually switch telecommunications carriers: Select [Manual] ▶ select a telecommunications carrier ▶ ⊙.
- To re-search for the host network: Select [Network re-search].

Setting a telecommunications carrier to preferentially connect to

1 In the Custom menu, select [Settings] ▶ [Phone settings] ▶ [Other settings] ▶ [International Roam.] ▶ [Network search mode] ▶ [PLMN setting] ▶ select the number of the priority order ▶ 📷.

2 Select [PLMN manual select] ▶ enter a country code (MCC) ▶ ⊙ ▶ enter a network code (MNC) ▶ ⊙ ▶ [Yes].

- To save from a telecommunications carrier list: Select [UPLMN by list] ▶ select a telecommunications carrier ▶ ⊙ ▶ [Yes].
- To save the telecommunications carrier currently connected to: Select [Set VPLMN to PLMN] ▶ [Yes].
- To change the priority: Select [Change priority] ▶ select a destination ▶ ⊙ ▶ [Yes].

Displaying a telecommunications carrier name in stand-by

Telecommunications carrier name

1 In the Custom menu, select [Settings] ▶ [Phone settings] ▶ [Other settings] ▶ [International Roam.] ▶ [Operator name disp] ▶ [Display on] ▶ [Yes].

Setting after homecoming

If Network search mode is set to [Auto], reset Network search mode to the FOMA network (DOCOMO) automatically when the power is turned on after homecoming.

■ Setting to FOMA network (DOCOMO) manually

1 In the Custom menu, select [Settings] ▶ [Phone settings] ▶ [Other settings] ▶ [International Roam.] ▶ [Network search mode] ▶ [Manual] ▶ [DOCOMO].

Making a call

Making a call outside your country of stay (including Japan)

■ Using + to make an international call

1 In stand-by, press ⓪ (for 1+ seconds) ▶ enter the country code, area code (city code) and other party's phone number ▶ ⌒ (Phone)/🛈 (V.phone).

- When the area code (city code) begins with **0**, omit the **0** when dialing (Include **0** when making a call to some countries or regions such as Italy).

■ Making a call outside your country of stay using country code conversion

0 at the beginning of a phone number is automatically converted to the country code set in Country code conversion.
Example: Make a call from the phonebook

1 In stand-by, press 📖 ▶ select the other party ▶ ⌒ (Phone)/🛈 (V.phone) ▶ [Call].

■ Making an international call

Save a country number using Set country code to select a country code before making an international call.
The following operation is available overseas only.

1 In stand-by, enter a phone number ▶ 📷 ▶ [Add prefix setting] ▶ [International Call] ▶ select the country code ▶ ⊙ ▶ ⌒ (Phone)/🛈 (V.phone).

Making a call in your country of stay

1 **In stand-by, enter a phone number** ▶ ⌒ **(Phone)/**
ⓘ (V.phone).

■ Making a call to the phone in your country of stay using phonebook

1 **In stand-by, press** 🕮 ▶ **select the other party** ▶
⌒ **(Phone)/**ⓘ **(V.phone)** ▶ **[Original number].**

■ Making a call to a WORLD WING subscriber overseas

Even when making a call to the phone in your country of stay, make an international call to Japan if the call recipient is a "WORLD WING" subscriber overseas.

1 **In stand-by, press** ⓪ **(for 1+ seconds)** ▶ ⑧① ▶
enter the other party's mobile phone number
excluding the first *0* ▶ ⌒ **(Phone)/**ⓘ **(V.phone).**

Receiving calls

1 **Press** ⌒ **to answer an incoming call.**

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■ Having calls made to your FOMA terminal from Japan

Enter the phone number in the same way as it is entered in Japan and make a call.

■ Having calls made to your FOMA terminal from countries other than Japan

Enter international call access code of the country of the caller-81-user's phone number excluding the first *0* and make a call.

Setting roaming guidance

● Make this setting while still in Japan.
※ When the confirmation screen appears, select [Yes].

1 **In the Custom menu, select [Settings]** ▶ **[Other**
NW Services] ▶ **[Roaming guidance].**

2 **Select [Activate].**
- To deactivate: Select [Deactivate].
- To check settings: Select [Check setting].

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Call barring

● Depending on the overseas telecommunications carrier, the setting cannot be made.

1 **In the Custom menu, select [Settings]** ▶ **[Phone**
settings] ▶ **[Other settings]** ▶ **[International**
Roam.] ▶ **[Call barring].**

2 **Select [Activate]** ▶ **[Yes]** ▶ **select the barring**
method ▶ ⊙ ▶ **enter the network security code** ▶
⊙.
- To deactivate: Select [Deactivate] ▶ [Yes] ▶ enter the network security code ▶ ⊙.
- To check settings: Select [Check setting].

Missed Call Notice

● For details on setting at your country of stay ☞P. 16

1 **In the Custom menu, select [Settings]** ▶ **[Phone**
settings] ▶ **[Other settings]** ▶ **[International**
Roam.] ▶ **[Missed Call Notice].**

2 **Select [Activate]** ▶ **[Yes].**

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- To deactivate: Select [Deactivate] ▶ [Yes].
- To check settings: Select [Check setting].

Using network service

● Depending on the overseas telecommunications carrier, the setting cannot be made.
● To use network service overseas, set Remote Control to "Activate" in advance.
※ When the confirmation screen appears, select [Yes].
※ Operate according to the voice guidance.

Voice Mail (Int.)

1 **In the Custom menu, select [Settings]** ▶ **[Phone**
settings] ▶ **[Other settings]** ▶ **[International**
Roam.] ▶ **[Voice Mail(Int.)].**

2 **Select [Activate Voice Mail].**
- To deactivate: Select [Deactivate].
- To play messages: Select [Play Messages].
- To set the service: Select [Voice Mail settings].

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Call Forward (Int.)

1 **In the Custom menu, select [Settings]** ▶ **[Phone**
settings] ▶ **[Other settings]** ▶ **[International**
Roam.] ▶ **[Call Forward (Int.)].**

2 **Select [Activate].**
- To deactivate: Select [Deactivate].
- To set the service: Select [Settings].

Roaming guidance (Int.)

1 **In the Custom menu, select [Settings]** ▶ **[Phone**
settings] ▶ **[Other settings]** ▶ **[International**
Roam.] ▶ **[Roam. guidance(Int.)].**

Missed Call Notice (Int.)

1 **In the Custom menu, select [Settings]** ▶ **[Phone**
settings] ▶ **[Other settings]** ▶ **[International**
Roam.] ▶ **[MissedCallNoticeInt.].**

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Country codes of major countries

The following shows "Country code" used when making international calls or setting International dial assist.

Country/Region	Code	Country/Region	Code
Australia	61	Hong Kong	852
Austria	43	Hungary	36
Belgium	32	India	91
Brazil	55	Indonesia	62
Canada	1	Italy	39
China	86	Japan	81
Czech	420	Macau	853
Egypt	20	Malaysia	60
Fiji	679	Maldives	960
Finland	358	Netherlands	31
France	33	New Caledonia	687
Germany	49	New Zealand	64
Greece	30	Norway	47

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Country/Region	Code	Country/Region	Code
Peru	51	Tahiti (French Polynesia)	689
Philippines	63		
Russia	7	Taiwan	886
Singapore	65	Thailand	66
South Korea	82	Turkey	90
Spain	34	U.K.	44
Sweden	46	U.S.A.	1
Switzerland	41	Vietnam	84

- For other country codes and details, refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO "International Services website".

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International call access codes for major countries (table 1)

The following shows the International call access codes for major countries.

Country/Region	Code	Country/Region	Code
Australia	0011	Hungary	00
Belgium	00	India	00
Brazil	0021/ 0014	Indonesia	001
		Ireland	00
Canada	011	Italy	00
China	00	Luxemburg	00
Czech	00	Macau	00
Denmark	00	Malaysia	00
Finland	00	Monaco	00
France	00	Netherlands	00
Germany	00	New Zealand	00
Greece	00	Norway	00
Hong Kong	001	Philippines	00

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Country/Region	Code	Country/Region	Code
Poland	00	Taiwan	002
Portugal	00	Thailand	001
Russia	810	Turkey	00
Singapore	001	U.A.E.	00
South Korea	001	U.K.	00
Spain	00	U.S.A.	011
Sweden	00	Vietnam	00
Switzerland	00		

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International prefix numbers for the universal number (table 2)

The following shows the International prefix number for the universal number of each country.

Country/Region	Code	Country/Region	Code
Argentina	00	Hong Kong	001
Australia	0011	Hungary	00
Austria	00	Ireland	00
Belgium	00	Israel	014
Brazil	0021	Italy	00
Bulgaria	00	Luxemburg	00
Canada	011	Malaysia	00
China	00	Netherlands	00
Columbia	009	New Zealand	00
Denmark	00	Norway	00
Finland	990	Peru	00
France	00	Philippines	00
Germany	00	Portugal	00

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Country/Region	Code	Country/Region	Code
Singapore	001	Switzerland	00
South Africa	09	Taiwan	00
South Korea	001	Thailand	001
Spain	00	U.K.	00
Sweden	00	U.S.A.	011

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About inquiries overseas

For lost, stolen, and cost settlement, or malfunction of the FOMA terminal overseas, refer to "Loss or theft FOMA terminal or payment of cumulative cost overseas" on the cover of Quick Manual "Overseas Use" or "Failures encountered overseas" on P.1. Note that transmission/calling charges after the FOMA terminal is lost or stolen are incurred to the subscriber.

- When the FOMA terminal is lost or stolen overseas, promptly contact DOCOMO and conduct a procedure for canceling the use of service.
- Add the "International call access codes for major countries (table 1)" or "International prefix numbers for the universal number (table 2)" that is assigned to your country of stay, to the head of your phone number for inquiries.

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