NTT docomo

F-11C

INSTRUCTION MANUAL ’11.5

docomo SMART series

Thank you for purchasing "docomo SMART series F-11C" mobile terminal.
Before using F-11C, read this manual to ensure safe use and handling.

About manuals for F-11C

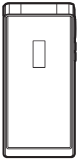
The operations of F-11C are described in this manual, "使いかたガイド (Guide)" (installed in FOMA terminal) and "Instruction manual (detailed version)" (in pdf format).

Instruction manual (this manual)	This manual provides information about screens and operations of basic functions.
"使いかたガイド (Guide) "(installed in FOMA terminal)	This guide provides overviews and operations of frequently-used functions. (In Japanese only) In F-11C Stand-by display, MENU ▶ 6 LifeKit ▶ * Guide ▶ Select a search method
"Instruction manual (detailed version)" (in pdf format)	This manual provides detailed information and operations of all the functions. (In Japanese only) <From a PC> This manual can be downloaded from NTT DOCOMO website. http://www.nttdocomo.co.jp/support/trouble/manual/download/index.html * The URL and contents are subject to change without prior notice.

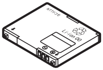
- In this "F-11C INSTRUCTION MANUAL", "F-11C" mobile terminal is usually referred to as "FOMA terminal".
- The images or illustration used in this manual are examples. They may differ from the actual displays.
- The images used in this manual assume that Kisekae Tool is set to "Gold" and Screen setting is set to "White".
- In this manual, "authenticate" indicates the operating procedure for entering the terminal security code in 4-8 digits (⇒P34) or performing fingerprint authentication.

Basic package

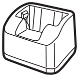
F-11C
(including Back Cover F62 and warranty)



Battery Pack F19

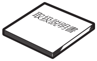


Desktop Holder F33



Desktop Holder F33 is made of recycled ABS from used products.

Instruction manual



Compatible options ⇒P75

- Unauthorized copying of parts of or this entire manual is prohibited.
- The contents in this manual, URL and contents are subject to change without prior notice.

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Introduction

Basic Operation

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Enjoy

More Convenient

Others

FOMA terminal

- F-11C supports W-CDMA, GSM/GPRS.
- Because your FOMA terminal uses wireless transmission, it may not function in locations where it is difficult for radio waves to penetrate, such as tunnels, underground passages and some buildings, in areas where radio waves are weak, or out of service area. Even when you are high up in a tall building or condominium and nothing blocks your view outside, your FOMA terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when the signal meter on your FOMA terminal indicates there are strong radio waves and you are not moving (traveling).
- Because your FOMA terminal uses radio waves to communicate, it is possible that a third party may attempt to tap your calls. However, the W-CDMA, GSM/GPRS automatically applies a confidential communication function to all calls, so even if a third party could somehow tap a call, they only hear noise.
- Your FOMA terminal encodes voice communication as digital data. When you are operating your FOMA terminal while moving to a location subject to weaker radio wave conditions, the transmitted digital data may not be correctly decoded and as a result the decoded voice may differ somewhat from the actual voice.
- Maintain a separate record of the data (Phonebook, Schedule, Memo, Recorded messages, Voice memos, Moving picture memos, etc.) you registered in your FOMA terminal. Note that DOCOMO assumes no responsibility for any loss of saved contents of data resulting from malfunction, repair, changing of the model or other handling of FOMA terminal.
- You are recommended to save important data to microSD card. Using DOCOMO keitai datalink, you can transfer and save phonebook, mail, schedule and other data to a PC.
- 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. If the data should be erased, DOCOMO assumes no responsibility for the loss of any data.
  Certifier : VeriSign Japan K.K., Cybertrust Japan Co., Ltd., GlobalSign K.K., RSA Security Japan Ltd., SECOM Trust Systems Co., Ltd., Comodo CA Ltd., Entrust, Inc.
- This FOMA terminal supports FOMA Plus-Area and FOMA HIGH-SPEED Area.
- Descriptions in this manual are for the FOMA terminal with a DOCOMO's UIM inserted.

■ SIM unlock

This FOMA terminal supports SIM unlock. If you release SIM lock, you can use UIM by a carrier other than NTT DOCOMO.

- The SIM unlock service is provided at a docomo Shop.
- A SIM unlock charge is separately required.
- If you use a UIM other than by DOCOMO, available services and functions will be limited. DOCOMO is not liable to any failures or malfunctions.
- For details of SIM unlock, refer to NTT DOCOMO website.

What you can do with F-11C

Waterproofness 18

Waterproofness of IPX5 and IPX8 is provided by firmly closing the external connection jack cap and installing the back cover in a locked state.

使いかたガイド (Guide) 28

Without the instruction manual at your hand, you can check readily the operations of function you want to use. (In Japanese only)

eco mode 33

The eco mode allows you to save the battery power by adjusting the display backlight, etc.

High functionality camera 53

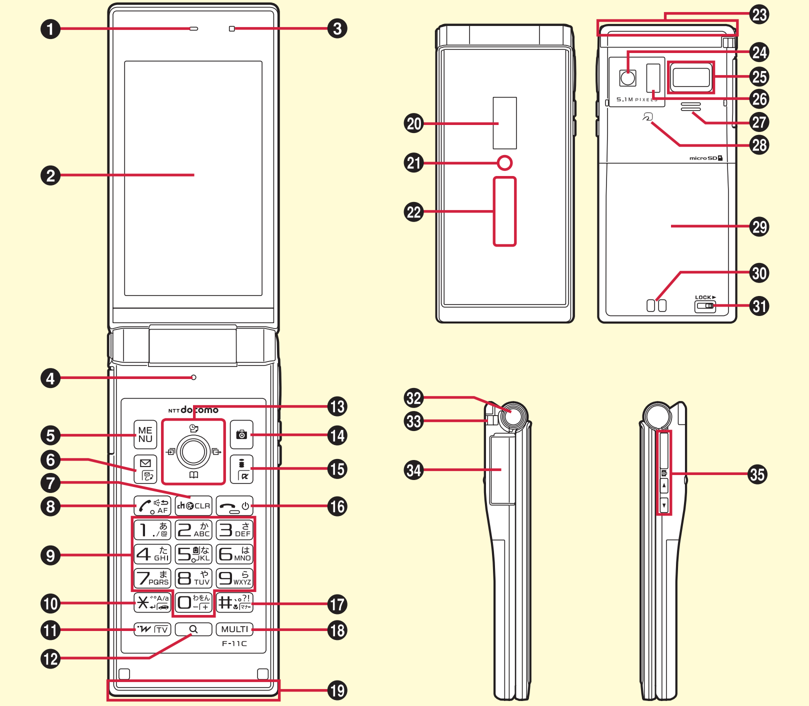
Camera offers high functionality such as Smile-finder, Find-me focus, etc.

i-concier 62

It is a service that Machi-chara (a character on the stand-by display) supports your life like a butler or concierge. It stores your various information (area of residence, memo, schedule, ToruCa, phonebook, etc.) and offers you information that matches contents of Memo or Schedule, your living area or current location, or preferences and interest at the right time. (In Japanese only)

Part names and functions

Part names of F-11C and major functions assigned to each part are as follows.



To use the function with *, press the key for 1 second or more.

❶ Earpiece

❷ Display

❸ Light sensor for sensing the ambient lightness to adjust the brightness of the display

❹ Microphone

❺ [MENU] Display the menu

❻ [✉] Display the mail menu, switch text input modes or check new mail/message*

❼ [CLR] Display i-Channel or return to the previous screen

❽ [☎] Start voice call, switch to hands-free call

❾ [0] - [9] Enter phone number or characters, select menu item, and perform function assigned to shortcut (eco mode ON/OFF is assigned to [5] by default)*

❿ [✱] Enter "*", voiced/semi-voiced sound, or start/cancel Public mode (Drive mode)*

⓫ [W TV] Start/Exit i-Widget, or start 1Seg*

⓬ [🔍] (Search key) Activate Quick search

⓭ ✥ Multi-cursor key for moving the cursor

● : Perform an operation.

▲ : Display Schedule, or adjust sound volume.

▼ : Display Phonebook, adjust sound volume or add a phonebook entry*.

◀ : Display Received calls.

▶ : Display Redial or start/cancel IC card lock*.

⓮ [📷] Start the still camera shooting

⓯ [iα] Display iMenu or i-αppli folder*

⓰ [—] Exit a running function, or turn ON/OFF the FOMA terminal by pressing for 2 seconds or more

⓱ [#] Enter "#" or punctuation, or start/cancel Silent mode*

⓲ [MULTI] Multitask key for starting another function during a call or operation

⓳ 1Seg antenna is built-in

⓴ Sub-display

㉑ Charging light

㉒ Indicator light

㉓ FOMA antenna is built-in

㉔ Camera

㉕ Fingerprint sensor for registering fingerprint and authentication

㉖ Infrared data port for infrared communication or infrared remote control function

㉗ Speaker

㉘ mark for placing over IC card reader for Osaifu-Keitai and iC transmission

㉙ Back cover

To access UIM slot and the microSD card slot, remove the back cover and the battery pack.

㉚ Charging jack

㉛ Back cover lever

㉜ Open assist button

㉝ Strap opening

㉞ External connection jack for charger, earphone, etc.

㉟ Side keys

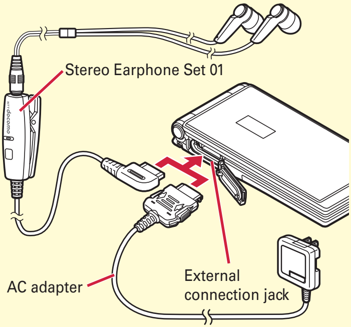
📷 : Start shooting moving pictures, start shooting and store still pictures, stop/start recording video during 1Seg watching*.

▲ : Stop the ring alert and the vibrator.

▼ : Mail/message inquiry from the stand-by display*, Mail/message inquiry with the FOMA terminal closed*.

Connection of Stereo Earphone Set 01 (Optional) for external connection jack

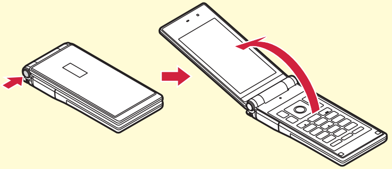
* AC adapter uses a common jack.



Open assist button

You can open the FOMA terminal easily just by pressing the dedicated button.

- Even without using the button, the FOMA terminal can be opened easily with light force.



Point

- It is recommended to hold the FOMA terminal in your hand for the operation. Be careful not to hit your face, people or objects when opening the FOMA terminal or not to drop the FOMA terminal by the rebound when opening.
- Depending on the orientation, the FOMA terminal may not opened completely even by pressing the button.
- Close the FOMA terminal with your hand. If the FOMA terminal is not closed completely, once open it completely and then close it.

Precautions (Always follow these directions)

- Before using your FOMA terminal, or when necessary, read the precautions below to ensure safe use and handling. After reading this manual, keep it carefully.
- These precautions are intended to protect you and others around you. Read and follow them carefully to avoid injury, damage to the product or damage to property.
- The signs below differentiate between the levels of danger that can occur if the product is not used within the specified guidelines.

⚠ **DANGER**	This sign denotes that death or serious injury may directly result from improper use.
⚠ **WARNING**	This sign denotes that death or serious injury may result from improper use.
⚠ **CAUTION**	This sign denotes that minor injury or damage to property may result from improper use.

- The symbols below show specific directions.

Don't	This symbol denotes that the action is prohibited.
No disassembly	This symbol denotes that disassembling the phone or its components is not allowed.
No wet hands	This symbol denotes that using the phone or its components with wet hands is not allowed.
No liquids	This symbol denotes that using the phone or its components in a bathroom or other highly humid area is not allowed.

Do	This symbol denotes that an instruction must be obeyed at all times.
Unplug	This symbol denotes that the equipment should be unplugged.

■Precautions contain the description below.

Handling FOMA terminal, battery pack, adapter, desktop holder and UIM (common)

⚠DANGER

Don't

Do not use, store, or leave the equipment in hot areas such as near flames or in areas under strong direct sunlight such as inside a vehicle.

May cause fire, burns or injuries.

Don't

Do not put the terminal into heating cooking device such as microwave oven or high-pressure container.

May cause fire, burns, injuries, electric shock.

No disassembly

Do not disassemble or remodel the equipment.

May cause fire, burns, injuries, electric shock.

No liquids

Do not let the terminal get wet with water, drinking water, urine of pet animals, etc.

May cause fire, burns, injuries, electric shock.

For waterproofness, refer to the page.⇒P18

Do

Use the battery pack and adapter specified by NTT DOCOMO for your FOMA terminal.

May cause fire, burns, injuries, electric shock.

⚠WARNING

Don't

Do not throw the equipment or give hard shock to it.

May cause fire, burns, injuries, electric shock.

Don't

Keep conductive materials (metal pieces, pencil lead, etc.) from coming in contact with the charging jack or external connection jack. Do not put those materials inside the terminal.

May cause fire, burns, injuries, electric shock.

Don't

Do not cover or wrap the terminal with a blanket, etc while using or charging.

May cause fire or burns.

Do

Turn FOMA terminal OFF and stop charging before entering a place such as a gas station where flammable gases are generated.

The gas may catch fire.

When using Osaifu-Keitai in a place as a gas station, turn OFF the terminal before using it. (When IC card lock is activated, deactivate it before turning OFF the terminal.)

Do

If the equipment starts giving off a strange smell, overheats, becomes discolored or deformed during use, charging or in storage, immediately perform the following operations.

- **Remove the power plug from the wall outlet or cigarette lighter socket.**
- **Turn FOMA terminal OFF.**
- **Remove the battery pack from FOMA terminal.**

May cause fire, burns, injuries, electric shock.

⚠CAUTION

Don't

Do not leave the equipment on unstable or sloping surfaces.

May cause injuries.

Don't

Do not store the equipment in extremely humid, dusty or hot areas.

May cause fire, burns, electric shock.

Do

Children using the equipment should be instructed in proper operation by an adult. Do not allow them to use the equipment without adult supervision.

May cause injuries.

Do

Store the equipment out of reach of small children.

May be accidentally swallowed or cause injuries.

Do

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

If you use i-αppli, a videophone call or 1Seg watching while charging the battery for a long time, FOMA terminal, battery pack and adapter may be heated.

Directly touching a hot part for a long time, you may have redness, itching or rash on your skin, or it may result in low-temperature burns depending on your constitution and/or health condition.

Handling FOMA terminal

⚠WARNING

Don't

Do not direct the infrared data port toward your eye and transmit signals.

May cause harmful effect on eyes.

Don't

Do not direct the infrared data port toward home electric appliances etc. equipped with infrared device when using infrared communication.

May cause an accident because of malfunction of infrared device.

Don't

Do not put foreign objects such as liquid like water, metal pieces or burnable things into UIM or microSD card slot.

May cause fire, burns, injuries, electric shock.

Do

Turn FOMA terminal OFF in areas where use is prohibited, such as in airplanes and hospitals.

May cause electronic equipment or electronic medical equipment to fail or malfunction. If the function which automatically turns the power ON is set, cancel the setting before turning the power OFF.

When using the phone in a medical facility, be sure to observe the regulations of the facility.

If you do prohibited act such as using the phone in an airplane, you will be punished according to law.

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

Do

When you talk by setting handsfree or ring alert is sounding, keep FOMA terminal away from your ear.

And, when connecting the earphone/microphone etc. to the FOMA terminal and play a game or music, adjust the volume moderately.

Too loud volume may cause a hearing loss.

And, if you cannot hear the sound around you clearly, it may cause an accident.

Do

If you have weak heart, be careful when setting the Vibrate alert (vibration) or alert volume setting.

May cause harmful effect on heart.

Do

When you use electronic medical equipment, check with the equipment manufacturer to determine how the device is affected by radio waves before using.

May cause harmful effect on electronic medical equipment etc.

Do

Turn FOMA terminal OFF near high-precision electronic control equipment or electronic equipment using low-power signals.

May cause the equipment to fail or malfunction.

* Examples of electronic equipment to avoid.
Hearing aids, implanted pacemakers or defibrillators, other electronic medical equipment, fire alarms, automatic doors and other automatic control equipment.
Users wearing implanted pacemakers or defibrillators or other electronic medical equipment should check with the manufacturer or sales outlet about the effect of radio frequencies on the equipment.

Do

When the display or camera lens is accidentally broken, be careful of broken glass or exposed internal parts of FOMA terminal.

Surfaces of display and camera lens are made of plastic panels and they are structured for the glass not to scatter, however, if you mistakenly touch broken or exposed parts, you may be injured.

Do

To sound the high-pitched alarm, always keep FOMA terminal away from your ears.

May cause hearing defect.

⚠CAUTION

Don't

Do not swing FOMA terminal by its strap, etc.

May cause accident such as injury to yourself or others by hitting.

Don't

Do not use damaged FOMA terminal.

May cause fire, burns, injuries, electric shock.

Don't

When using the motion tracking or motion sensor, check the safety around you, hold FOMA terminal firmly, and do not shake it unnecessarily.

May cause accident such as injuries.

Don't

If the display part is accidentally broken and the substance such as liquid crystal leaks out, do not make the substance contact with your skin of face or hands.

May cause loss of sight or skin problems.
If the substance such as liquid crystal gets into your eyes or mouth, rinse it with clean water and see a doctor immediately.
And, if the liquid adheres to skin or clothing, use alcohol etc. to wipe it off, then wash with soap.

Do

To use the terminal in car, check with automobile manufacturer or dealer to determine how the device is affected by radio waves before using.

In rare cases, using the phone in some vehicle models can cause the vehicle's electronic equipment to malfunction. In that case, stop using the terminal immediately.

Do

Mobile phones can give some users skin problems such as itching, allergic reactions or rashes. If you develop skin problems, stop using the phone immediately, and see a doctor.⇒"Material list (P14)"

Do

When opening or closing FOMA terminal, take care not to have your fingers or strap caught by the terminal.

May cause accident such as injuries.

Do

When watching the display, take a certain distance from the display in a fully bright place.

May reduce visual acuity.

Handling battery pack

■Check that the battery type matches the type displayed on the battery pack label.

Display	Battery type
Li-ion 00	Li-ion battery

DANGER

Don't

Do not connect a wire or other metal objects to the jack. And, do not carry or store FOMA terminal with objects like a metal necklace.

May cause the battery pack to ignite, burst, heat or leak.

Don't

Check the orientation of battery pack to install it to FOMA terminal, and do not try to force the battery pack onto FOMA terminal if you are having trouble installing it.

May cause battery pack to ignite, burst, heat or leak.

Don't

Do not throw the battery pack into the fire.

May cause battery pack to ignite, burst, heat or leak.

Don't

Do not nail the battery pack, hit with a hammer or step on it.

May cause battery pack to ignite, burst, heat or leak.

Do

If the battery pack's fluid etc. contacts eyes, immediately flush the eyes with clean water and see a doctor right away. Do not rub the eyes.

May cause loss of sight.

WARNING

Don't

If the battery pack seems to have abnormalities such as deformation or scratches due to falling, never use it.

May cause battery pack to ignite, burst, heat or leak.

Do

If the battery pack leaks or gives off a strange smell, immediately remove it from the vicinity of open flames.

The vapors from leaking battery pack fluid may ignite or explode.

Do

Be careful not to let your pet bite the battery pack.

May cause battery pack to ignite, burst, heat or leak.

CAUTION

Don't

Do not discard old battery packs together with other garbage.

May cause igniting or environmental destruction. Tape the terminals of old battery packs to insulate them, and then bring them into a sales outlet such as docomo Shop. If your local municipality has a battery recycling program, dispose of them as provided for.

Don't

Do not use or charge a wet battery pack.

May cause battery pack to ignite, burst, heat or leak.

Do

If fluid etc. leaks out from the battery pack, do not make the fluid contact with your skin of face or hands.

May cause loss of sight or skin problems.

If the fluid etc. put into your eyes or mouth, or contacts skin or clothes, immediately flush the contacted area with clean water.

If the fluid put into the eyes or mouth, immediately see a doctor after flushing.

Handling adapter and desktop holder

⚠WARNING

Don't

Do not use the adapter cord if it gets damaged.

May cause fire, burns, electric shock.

Don't

Do not use the AC adapter or desktop holder in a bathroom or other highly humid area.

May cause fire, burns, electric shock.

Don't

Always use the DC adapter with a negative-ground vehicle. Do not plug it into a positive-ground vehicle.

May cause fire, burns, electric shock.

Don't

When it starts to thunder, do not touch adapter.

May cause electric shock.

Don't

Do not short the charging jack while it is connected to the outlet or cigarette lighter socket. Do not touch the charging jack with a part of your body such as your hand or finger.

May cause fire, burns, electric shock.

Don't

Do not place heavy objects on the adapter cord.

May cause fire, burns, electric shock.

Don't

When you insert and remove AC adapter from power outlet, do not contact a metal strap or other metal objects with the jack.

May cause fire, burns, electric shock.

No wet hands

Do not touch the adapter cord, desktop holder or outlet with wet hands.

May cause fire, burns, electric shock.

Do

Only use with the specified power source and voltage.
When charging FOMA terminal overseas, use AC Adapter for global use.

If incorrect voltage is used, this may cause fire, burns or electric shock.

AC adapter : AC100V
DC adapter : 12 or 24V DC (specific for negative—ground vehicle)
AC adapter for global use : Between 100V and 240V AC (Connect to the AC outlet for internal household use)

Do

If the DC adapter's fuse blows, replace it only with the specified fuse.

May cause fire, burns, electric shock. For the specified fuse, see the instructions that come with the DC adapter.

Do

Wipe off any dust that accumulates on the power plug.

May cause fire, burns, electric shock.

Do

When you connect the AC adapter to an outlet, firmly connect to the outlet.

May cause fire, burns, electric shock.

Do

When you disconnect the power plug from the outlet or cigarette lighter socket, do not pull the adapter cord with excessive force. Instead, hold the adapter to disconnect.

May cause fire, burns, electric shock.

Unplug

Always remove the power plug from the outlet or cigarette lighter when not using the adapter for an extended period.

May cause fire, burns, electric shock.

Unplug

Immediately remove the power plug from the outlet or cigarette lighter socket if water or other fluids get into the adapter.

May cause fire, burns, electric shock.

Unplug

Always remove the power plug from the cigarette lighter socket when cleaning the equipment.

May cause fire, burns, electric shock.

Handling UIM

⚠CAUTION

Do

Be careful of the cut surface when removing UIM.

May cause injuries.

Handling mobile phones near electronic medical equipment

■These precautions are based on the guidelines produced at the Electromagnetic Compatibility Conference Japan, regarding the protection of electronic medical equipment from radio waves emitted by mobile phone units.

⚠WARNING

Do

Obey the following rules inside medical facilities.

- Do not bring FOMA terminal into operating rooms (ORs), intensive care units (ICUs) or coronary care units (CCUs).
- Turn FOMA terminal OFF in hospital wards.
- Turn FOMA terminal OFF in hospital lobbies and corridors if electronic medical equipment could be nearby.
- If the medical facility has specified zones where use or possession of mobile devices is prohibited, obey those instructions.
- If the function to automatically turn ON the power is set, cancel the setting before turning the power OFF.

Do

Turn FOMA terminal OFF in crowded trains or other public places where pacemaker or defibrillator wearers could be nearby.

FOMA terminal's signals may affect the operation of implanted pacemakers or defibrillators, and other devices.

Do

Wearers of implanted pacemakers or defibrillators must carry and use FOMA terminal at least 22 cm away from the implanted device.

FOMA terminal's signals may affect the operation of implanted pacemakers or defibrillators, and other devices.

Do

When electronic medical equipment other than implanted pacemakers or defibrillators are in use outside of medical facilities (such as in home care settings), check with the device manufacturer to determine how the device is affected by electrical signals.

FOMA terminal's signals may affect the performance of electronic medical equipment.

Material list

Part		Material	Surface treatment
Exterior case	Movable part/Sub-display	PC+ABS resin	UV hard coating
	Movable part Display	PA-GF resin	UV hard coating
	Fixed part Keypad	PA-GF resin	UV hard coating
	Fixed part Battery	PC+ABS resin	UV hard coating
	Hinge part/ Movable side	PC+ABS resin	UV hard coating
	Hinge part/ Fixed side	PC+ABS resin	UV hard coating
	Back cover	PC+ABS resin, stainless steel, silicone rubber (VMQ)	UV hard coating
	Back cover lock lever	POM resin	None
	Back cover inside plate	Stainless steel	None
Case pad		Urethane acrylate resin	None
Display panel		High strength acrylate resin	UV hard coating
Sub-display panel		Acrylate resin	UV hard coating
Camera lens, camera panel		Acrylate resin	UV hard coating
Side keys		PC resin	UV hard coating
Keypad		Urethane acrylate resin	UV hard coating
Open assist button		PC resin	UV hard coating
Front screw cap		High strength acrylate resin	UV hard coating
External connection jack cap	Body	PC+ABS resin	UV hard coating
	Flexure	Elastomer resin (TPE)	None
	Water stop	PC resin	None
	O-ring	Synthetic rubber (EPDM)	None
External connection jack		Stainless steel	Tin plating
Battery contacts	Battery contacts connector	PPS resin	None
	Battery contacts	Beryllium copper	Gold plating (base : Ni-Pd plating)
Screw (battery install recess)		Stainless steel	None
Battery install recess face		PC board	Gold plating
Battery pack	Battery pack	PC resin	None
	Contacts	Beryllium copper	Gold plating
Charging jack	Contacts	Stainless steel	Gold plating
	Attaching holder section	LCP resin	None
Fingerprint sensor		Flexible PC board	None
UIM tray		POM resin	None

Handling precautions

General

- **F-11C is waterproof, however, do not allow water to seep into FOMA terminal and do not allow accessories or optional devices to get wet.**
  - Battery pack, adapter, desktop holder, UIM are not waterproof. Do not use in a bathroom or other highly humid area or do not let rain attached. Or putting the terminal on your body, humidity of sweat may cause internal corrosion and malfunction. Note that malfunctions, which are determined to be caused by water as result of inspections, are not covered by the warranty. Since these conditions are outside the scope of the warranty, a repair, if at all possible, is charged.
- **Clean FOMA terminal with a dry soft cloth (such as a cloth for eyeglasses).**
  - Rubbing it roughly with a dry cloth may scratch the display.
  - Drops of water or dirt left on the display may cause stains.
  - If FOMA terminal is wiped with alcohol, paint thinner, benzine or detergent, the printing may disappear or color may fade.
- **Clean the jack occasionally with a dry cotton swab etc.**
  - If the jack is soiled, connection gets worse and it may cause power to be turned off or insufficient battery charge, so clean the jack with a dry cotton swab etc. Also, be careful never to damage the jack when cleaning it.
- **Do not place FOMA terminal near an air-conditioner outlet.**
  - The rapid change in temperature may cause condensation, causing internal corrosion and malfunction.
- **When using, be careful not to subject excessive force to FOMA terminal or the battery.**
  - If FOMA terminal is crammed into a brimming bag or placed in a pocket and sat on, display, internal PCBs or battery pack may be damaged or malfunction. And, if external devices are plugged into the external connection jack (earphone/microphone jack), the breakage of the connector or malfunction may result.
- **Do not rub or scrape the display with a metal piece etc.**
  - It may scratch the display, causing malfunction or damage.
- **Carefully read the separate instructions that come with the battery pack and adapter.**

FOMA terminal

- **Avoid extreme temperature.**
  - Use FOMA terminal where the temperature ranges between 5 and 40℃ (limited to the temporary use in a bathroom etc. when temperature is above 36℃) and humidity ranges between 45 and 85%.
- **FOMA terminal may affect land-line phones, TVs or radios in use nearby, so use it as far as possible from these appliances.**
- **Maintain a separate record of the data you saved in your FOMA terminal.**
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **Do not drop FOMA terminal or subject it to shocks.**
  - May cause malfunction or damage.
- **Do not plug external devices into the external connection jack (earphone/microphone jack) at a slant, or do not pull it forcibly while it is plugged.**
  - May cause malfunction or damage.
- **Do not close FOMA terminal with the strap etc. held inside.**
  - May cause malfunction or damage.

- **It is normal for FOMA terminal to become warm during use or charging. Continue to use it.**
- **Do not leave FOMA terminal with the camera in areas under strong direct sunlight.**
  - May cause discoloring or burn-in of elements.
- **Use FOMA terminal with the external connection jack cap closed.**
  - Dust and/or water brought into FOMA terminal cause troubles.
- **Do not use FOMA terminal with the back cover removed.**
  - May cause removal of battery pack, malfunction or damage.
- **Do not put extreme thick sticker on the display or keypad face.**
  - May cause malfunction, damage or erroneous operation.
- **Do not put strong impact on the fingerprint sensor or scratch its surface.**
  - May cause malfunction of fingerprint sensor and disable authentication operation.
- **Clean the fingerprint sensor with a dry soft cloth (such as a cloth for eyeglasses).**
  - If the fingerprint sensor is dirty or water is sit on its surface, the sensor cannot read fingerprints, and it may cause decrease authentication performance or malfunction.
- **While microSD card is being used, do not take the card out and do not turn off FOMA terminal.**
  - May cause data loss or malfunction.
- **Do not bring magnetic cards etc. close to FOMA terminal nor clip it by FOMA terminal.**
  - Magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
- **Do not bring magnetized objects close to FOMA terminal.**
  - Bringing strong magnetism close may cause a malfunction.

Battery pack

- **The battery pack is a consumable part.**
  - Replace the battery pack if FOMA terminal has extremely short operation time on a full charge, though it may vary by operating conditions. Purchase a new battery pack of the specified type.
- **Charge the battery in an area within the proper ambient temperature range (5-35℃).**
- **The operation time provided by the battery pack varies by the operating environment and battery pack's deterioration.**
- **The battery pack may swell out as it comes to near the end of its lifetime depending on the usage conditions, but it is not a problem.**
- **Be careful especially about the following points when preserving the battery pack.**
  - Keeping under the state of the full charge (right after charging ends)
  - Keeping under the state of the empty charge (too exhausted to turn on FOMA terminal)

  They may cause the battery pack performance to be degraded or its lifetime to be shortened.

  A recommended battery level to keep the battery pack is the battery icon in 2 cells as a guide.

Adapter

- **Charge the battery in an area within the proper ambient temperature range (5-35℃).**
- **Do not charge the battery in the areas below.**
  - In areas of excessive humidity, dust or vibrations
  - Near land-line phones or TVs/radios
- **It is normal for the adapter to become hot while charging. Continue to use it.**
- **When using the DC adapter for charging, keep the vehicle engine running.**
  - The vehicle's battery could become flat.
- **When using an outlet with a mechanism preventing unplugging, follow the handling instructions for that outlet.**
- **Do not give strong shock. Do not deform the charging jack.**
  - May cause malfunction.

UIM

- **Do not use excessive force to install/remove UIM.**
- **Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using UIM with another IC card reader/writer.**
- **Always keep UIM ICs clean.**
- **Clean UIM with a soft, dry cloth (such as a cloth for eyeglasses).**
- **Maintain a separate record of the data you saved in UIM.**
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **To preserve the environment, bring the old UIM to a sales outlet such as docomo Shop.**
- **Take care not to scratch, touch accidentally or short IC.**
  - May cause data loss or malfunction.
- **Do not drop UIM or subject it to shocks.**
  - May cause malfunction.
- **Do not bend UIM or place heavy objects on it.**
  - May cause malfunction.
- **Do not install UIM into FOMA terminal with a label or sticker put on.**
  - May cause malfunction.

FeliCa reader/writer

- **FeliCa reader/writer function of FOMA terminal uses weak waves requiring no licenses for radio stations.**
- **It uses 13.56 MHz frequency band. When using other reader/writers in your surroundings, keep FOMA terminal away sufficiently from them. Before using the FeliCa reader/writer, confirm that there are no radio stations using the same frequency band nearby.**

CAUTION

- **Do not use a remodeled FOMA terminal. Using a remodeled terminal violates the Radio Law.**
  FOMA terminal is certified according to technical standard conformance of specified wireless equipment based on the Radio Law, and as a proof of it, the "Technical Compliance Mark 〶" is depicted on the engraved sticker of FOMA terminal.
  If you remodel FOMA terminal by removing its screws, your certification of technical standard conformance becomes invalid.
  Do not use FOMA terminal with its certification of technical standard conformance invalid as it violates the Radio Law.
- **Be careful when you use FOMA terminal while driving a car etc.**
  Using a mobile phone while driving is subject to penal regulations.
  However, absolutely necessary cases such as rescue of a sick person or maintaining public's safety are exempted.
- **Use FeliCa reader/writer function only in Japan.**
  FeliCa reader/writer function of FOMA terminal conforms to Japanese radio standards.
  If you use this function overseas, you may be punished.

Waterproofness

F-11C provides waterproofness of IPX5[1], IPX8[2] with firmly closing the external connection jack cap and installing the back cover in a locked state.

*1 IPX5 means that a phone keeps functioning after applying a jet flow of 12.5 L/min. from every direction from a distance of approximately 3 m for at least 3 minutes using water nozzle in 6.3 mm inner diameter.

*2 For F-11C, IPX8 means that a phone keeps functioning after F-11C is slowly submerged to depth of 1.5 m in static tap water at room temperature, left there for 30 minutes and then taken out, and the mobile phone keeps shooting still images or moving pictures in approximately 30 minutes in static tap water at room temperature.

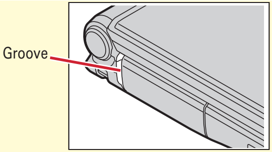
✣ What you can do with waterproofness of F-11C

- **You can talk or watch 1Seg programs without using an umbrella in the rain (for rainfall of 20 mm or less per hour).**
  - When your hands or the FOMA terminal are wet, avoid installing/removing the back cover or opening/closing the external connection jack cap.
- **You can also shoot still images and moving pictures in the pool depth of 1.5 m.**
  - Do not perform other operations underwater than shooting still images and moving pictures.
  - If you put the terminal in water of swimming pool, be sure to have it within 30 minutes.
  - If FOMA terminal gets wet with water from the swimming pool, wash it in the following procedure and drain water in the specified procedure (⇒P20).
- **You can use FOMA terminal in a bathroom.**
  - Do not put the terminal in the bathtub. Do not use the terminal in hot water. May cause malfunction.
  - Never put FOMA terminal in hot spring water or water containing soap, detergent or bath powder.
- **You can eliminate the dirt by shaking several times in static water of wash-basin.**
  - In locked state with the back cover attached, with pressing and holding the external connection jack cap not to open, wash the terminal without using a brush or sponge.

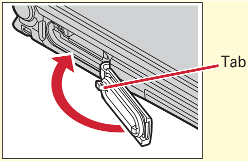
To ensure waterproofness

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

- Do not throw any liquid other than room-temperature tap water on FOMA terminal, or soak it in such liquid.
- When using the external connection jack, pull the cap up with your finger by the groove as shown in the illustration.



After using the external connection jack, close the cap as the direction shown in the illustration, and make sure that the cap is completely closed without slack by pushing the tab in.



- For installing the back cover, see "Installing back cover" of "Attaching UIM/battery pack".⇒P22
- Securely lock the back cover and firmly close the external connection jack cap. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow water to enter.
- Do not poke the microphone, earpiece or speaker with a swab or sharp object.
- Do not let FOMA terminal fall. It may become scratched causing the waterproof performance to degrade.
- The external connection jack cap and the rubber packing of the rear side of the back cover play an important role for keeping waterproof performance. Do not deform the back cover by twisting etc. or peel off or damage the rubber packing. Also, prevent dust from adhering to it.

To keep FOMA terminal waterproofness, replacement of parts is required every 2 years regardless of whether FOMA terminal appears normal or abnormal. DOCOMO replaces the parts as a chargeable service. Bring FOMA terminal to a sales outlet such as a DOCOMO-specified repair office.

Important precautions

Do not perform actions shown in the illustrations below.

<Examples>

Using Soap/Detergent/ Bath powder

Washing brush/ sponge

Machine-washing

Applying strong water flow

Soaking ocean water

Using hot spring

Attaching sand/ mud

Observe the following precautions to use FOMA terminal properly.

- Accessories and optional devices are not waterproof. When watching 1Seg etc. with FOMA terminal installed in the included desktop holder, do not use it in a bathroom, shower room, kitchen or lavatory even if it is not connected to the AC adapter.
- Do not apply water flow stronger than allowed (⇒P18) (e.g., such water flow that gives you pain when applied to your skin directly from a faucet or shower). F-11C provides IPX5 waterproof performances. However, it causes malfunction.
- Do not put FOMA terminal in hot water, use it in a sauna or apply hot airflow (from a hair dryer etc.) to it.
- Do not move in water or slam the terminal against the surface of water with FOMA terminal opened.
- If you put the terminal in tap water or in water of swimming pool, be sure to have it within 30 minutes.

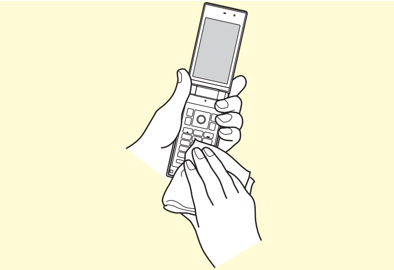
- When you use the terminal in swimming pool, obey rules of the facility.
- FOMA terminal does not float on water.
- Do not leave water on FOMA terminal. May short-circuit the power jacks, or in a cold region, water may freeze causing malfunction.
- Do not leave water on the microphone, earpiece or speaker. Such water may interfere with talking.
- If the back cover is damaged, replace it. Water may enter inside from a damaged section causing troubles such as electric shocks or corrosion of the battery.
- If FOMA terminal gets wet with water or other liquids with the external connection jack cap or the back cover open, the liquid may get inside the terminal causing electric shocks or malfunction. Stop using FOMA terminal, turn the power OFF, remove the battery pack and contact a DOCOMO-specified repair office.
- If the external connection jack cap, or the rubber gasket on the rear side of the back cover is damaged or deformed, replace it at DOCOMO-specified repair office.

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

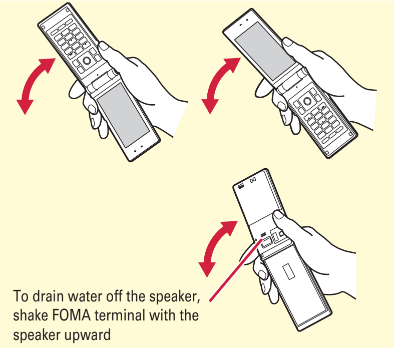
Draining water from FOMA terminal

When FOMA terminal is wet, water may flow out after wiping it off; drain the water in the following steps.

① **Hold the hinge section of FOMA terminal firmly and wipe off moisture on FOMA terminal surface and back side with dry, clean cloth etc.**

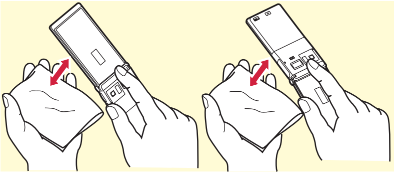


② **Shake FOMA terminal approximately 20 times, firmly holding its hinge section, until there is no more water splattering.**



To drain water off the speaker, shake FOMA terminal with the speaker upward

③ **Swing FOMA terminal in about 10 times against dry, clean cloth etc. to wipe off water remaining in the microphone, earpiece, speaker, keypad, hinges or charging jack, etc.**



④ **Wipe off water drained from FOMA terminal with dry, clean cloth etc., and dry naturally.**

- Water, if any, remaining in FOMA terminal may ooze up after wiping off.
- Do not wipe off water remaining in gaps directly with a cotton swab etc.

Charging

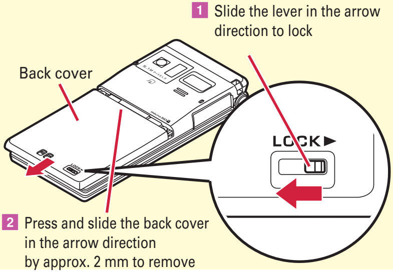
Check the following before and after charging.

- Check if FOMA terminal is not wet. Never try to charge the battery pack when FOMA terminal is wet.
- Accessories and optional devices are not waterproof.
- When charging the battery when or after FOMA terminal is wet, adequately drain it and wipe off water with a dry, clean cloth etc., before connecting the accessory desktop holder or opening the external connection jack cap.
- When the external connection jack cap is opened for charging, close the cap firmly after charging. It is recommended to use the desktop holder for charging to prevent water from seeping inside from the external connection jack.
- Do not use the AC adapter or desktop holder in a bathroom, shower room, kitchen, lavatory or other highly humid area. May cause fire or electric shock.
- Do not touch the AC adapter or desktop holder with wet hands. May cause electric shock.

Attaching UIM/battery pack

After turning power OFF, close FOMA terminal and hold it in your hand so that you can properly attach UIM/battery pack.

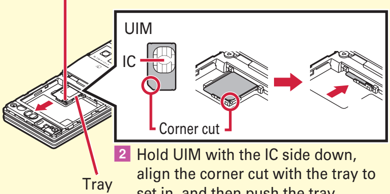
Removing back cover



1 Slide the lever in the arrow direction to lock

2 Press and slide the back cover in the arrow direction by approx. 2 mm to remove

Attaching UIM



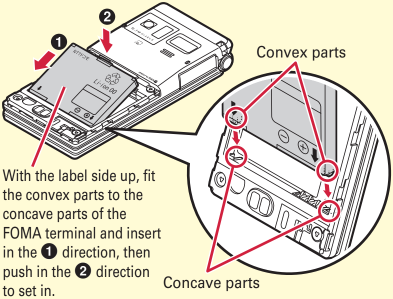
1 Pull the tab of the tray out until it clicks

2 Hold UIM with the IC side down, align the corner cut with the tray to set in, and then push the tray

Point

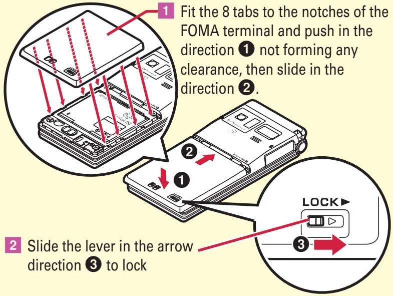
- The UIM (blue) is not available for this FOMA terminal. If you have the UIM (blue), bring it to a docomo Shop to replace.

Installing battery pack



With the label side up, fit the convex parts to the concave parts of the FOMA terminal and insert in the ❶ direction, then push in the ❷ direction to set in.

Installing back cover



1 Fit the 8 tabs to the notches of the FOMA terminal and push in the direction ❶ not forming any clearance, then slide in the direction ❷.

2 Slide the lever in the arrow direction ❸ to lock

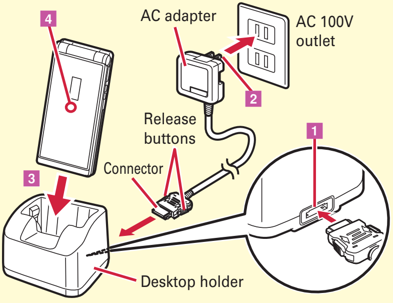
Charging

The battery pack does not have a full charge at time of purchase. Use AC adapter for FOMA terminal to charge the battery before using FOMA terminal.

Charging using desktop holder

1. **Insert the connector of AC adapter horizontally to the accessory desktop holder, with the arrows mark side upward**
2. **Unfold the power plug and insert it into a 100V AC outlet**
3. **With FOMA terminal closed, insert it into the desktop holder**
4. **Check that the charging light turns on**

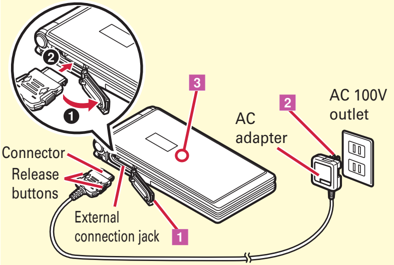
* After charging is completed, remove FOMA terminal from the desktop holder.



Charging using AC adapter

1. **Open the external connection jack cap (❶), hold the connector horizontally with the arrows side upward and insert it to the jack (❷)**
2. **Unfold the power plug and insert it into a 100V AC outlet**
3. **Check that the charging light turns on**

* When charging is over, pull out the power plug from the outlet, and pull out from FOMA terminal horizontally while pressing the release buttons on both sides of the connector.



Before Using

Power ON - Default setting

Initial setting is an operation when FOMA terminal is turned ON for the first time.

1 **⌐ (2 sec. or more)**

The Initial setting screen appears.

2 **"Yes" or "No" on a confirmation screen of enlarged menu setting**

3 **Set required items ▶ 📷 [Complete]**

If you exit without setting Change security code and Request permit/deny., Initial setting screen reappears when the power is turned ON the next time.

4 **On a confirmation screen of software update function, ●**

The stand-by display appears.

Point

- If no operation is performed, the display light is automatically turned off according to the settings in Light time-out or eco mode setting. The display light turns on again if there is any operation or incoming call.
- The battery usage state is automatically recorded while using the FOMA terminal. The record is used only for repair diagnosis.

Turning power off : ⌐ (2 sec. or more)

Changing the initial setting : MENU ▶ 8 7 4 7

Changing screen display to English :
MENU ▶ 8 2 6 3 ▶ Select "English"

Before Using

Caller ID notification

Set whether to notify your phone number (caller ID) to the other party's terminal when making a voice call. Caller ID notification is set to "ON" at the time of subscription.

1 **MENU ▶ 8 Settings & NWservices ▶ 8 NW Services ▶ 3 Caller ID ▶ 1 Caller ID notification ▶ 1 Activate/Deactivate ▶ 1 Notify or 2 Not notify**

Point

- If you hear an announcement of requesting caller ID when making a call, set Caller ID notification or add prefix "186" to the phone number to call again.

Before Using

User information

Check own phone number.
For details of checking/changing a mail address, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

1 **MENU ▶ 0 User information**

User information screen appears.

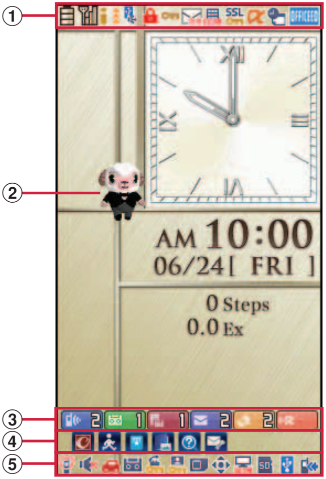
Point

Editing the profile : On User information screen, 📷 ▶ Authenticate ▶ Set required items ▶ 📷

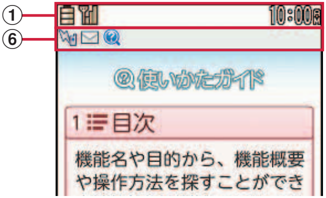
Checking a phone number during a call : MULTI ▶ 0

Viewing display

The arrival information and current state can be checked by the icons appearing on the screen. Major icons are as follows.



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



@使いかたガイド

1 目次

機能名や目的から、機能概要や操作方法を探すことができ

① Status area (First line)

Status icons appear.

Battery level (Battery icon)

Ample charge	↔	Almost exhausted (Charge the battery)

Signal strength (Antenna icon)

Strong ↔ Weak	圏外 Out of service area or where radio waves do not reach

Self : Self mode ON

: In data transfer mode

: Connecting to i-mode

: Infrared communication in operation

¥ : The total calls cost exceeds the limit

: Communication using handsfree-compatible device in progress

: Handsfree ON

: Femtocell available

: eco mode ON

🔒 : Lock on close or Unoperated lock setting ON

: A phonebook entry, memo or schedule has secret attribute

: High-pitched alarm is "ON"

: Kid-safe mode ON

✉ : Unread Area Mail exists

✉ : Unread i-mode mail exists

: Arrival i-concier information exists

: Unreceived i-mode mail exists in the Center

AUTO : In-area auto-send mail exists

: Music&Video Channel program obtaining reservation exists

: During i-αppli operation

: i-αppli call exists

: Alarm clock is set

: Schedule alarm is set

OFFICEED : Inside OFFICEED area

② Machi-chara

Characters moving about the screen and giving messages. In addition to the preinstalled characters, you can obtain characters by downloading.

③ New arrival

2 1 1 2 2

Starting from the left, missed call, recorded message, message in voice mail service, unread mail, unread ToruCa, i-αppli call

④ Shortcut icons

Paste icons for frequently used functions or data on the stand-by display. Select a pasted icon to quickly start the corresponding function or data.

⑤ Status area (Second line)

: Silent mode ON

: Call alert volume OFF

: Vibration mode for voice call ON

: Public mode (Drive mode) ON

: Manner support ON

: Record message setting ON

: Keypad dial lock ON

: Personal data lock ON

IC : IC card lock ON

REC : 1Seg recording in progress

SD : microSDcard inserted

: Connected to external device using USB cable

: Pedometer/ACT monitor ON

: Software update rewrite notice

: Auto-update of latest pattern definition failure

⑥ Task area

Icons indicating running features (tasks) appear.

Focus mode

Select an arrival information etc. on the stand-by display using ● and ✣ to quickly display the corresponding information.

Sub-display and Light

You can check information with the sub-display or light when the FOMA terminal closed. If no operation is performed for a certain time, the sub-display turns off, but it turns on again by pressing any of the side keys.

Sub-display

Switching display

When clock is displayed, pressing 📷 switches display in the following order : Large clock ⇒ Date and clock ⇒ Icon and clock. When Pedometer/ACT monitor setting is "Yes", pressing ▲ switches display in the following order : WalkedSteps⇒ BurnedCalories⇒Clock.

Arrival information

If there are missed calls, recorded messages, unread mails, messages in voice mail service, etc., press ▼ to show the number of items, and then press ▲ to display the incoming date and caller/ sender information in scroll screen.

Indicator light/Light

Turns on or blinks while charging, and according to the indicator light, light alert settings (⇒P33), etc.

Basic operations for screen and keys

Menu operation

On the stand-by display, select MENU and then perform the functions from the menu. You can select a menu item with shortcut operations, which use the keypad, etc. or with multi-cursor operation, which uses the multi-cursor key to move the cursor.

<Example> Selecting "Calculator"

Shortcut operations

1 MENU ▶ 7 ▶ 4

Multi-cursor key operations

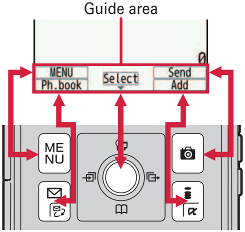
1 MENU ▶ **Move the cursor to "7 Accessory"** ▶ ● [OK] ▶ **Move the cursor to "4 Calculator"** ▶ ● [OK]

Point

- To return to the previous screen, press CLR. To return to the stand-by display, press ⌐.

Guide area

Operations that can be performed by pressing MENU, ✉, ●, 📷 and ℹ✎ are displayed in the guide area.



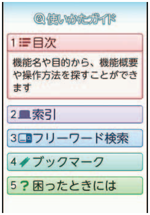
* Terms indicated with [ ] in the instructions of this manual are items displayed in the guide area.

Screen Explanation

使いかたガイド (Guide)

You can check outline of function, operations or troubleshooting. (In Japanese only)

1 **MENU ▶ 6 LifeKit ▶ ✻ Guide ▶ Select a search method**



機能名や目的から、機能概要や操作方法を探すことができます

<Guide screen>

目次 (Contents) : Search from a list of functions.

索引 (Index) : Search from a list of words sorted according to Japanese syllabary.

フリーワード検索 (Free word search) : Enter a keyword to search for.

ブックマーク (Bookmark) : Search from a list of registered bookmarks.

困ったときには (Troubleshooting) : Search from lists of troubles or error messages.

Point

- On a description screen, select "この機能を使う (Use this function)" to perform a function. Selecting a link item in "関連機能 (related functions)" or "→コチラ (See more)" displays a corresponding description screen.

Character Entry

Entering characters

Kana input and conversion

5-touch input is an input method to switch a character by pressing a key repeatedly.

1 **Enter character on the character entry screen**

When a character is entered, the cursor automatically moves in a regular interval. To quickly enter characters assigned to an identical key consecutively, press ◁.

<Example> Entering "ろっぽんぎ"

"ろ" : 9 (5 times)
"っ" : 4 (3 times) ▶ ⋈
"ぽ" : 6 (5 times) ▶ ⋈ (twice)
"ん" : 0 (3 times)
"ぎ" : 2 (Twice) ▶ ⋈

Conversion options appear at the bottom of the screen. You can select a character from the options by pressing ▽.

2 **📷 [Convert]**

Characters on the character entry screen are converted. Press 📷 again to display a conversion options list.

Point

- You can enter a character by pressing a combination of 2 keys. (2-touch)

<Example> Entering "ろっぽんぎ" in 2-touch

"ろ" : 9 5
"っ" : 8 0 4 3
"ぽ" : 8 0 6 5 0 5
"ん" : 0 3
"ぎ" : 2 2 0 4

Operations during character entry

Returning to the previous character : ✎
Deleting characters : CLR
Adding voiced/semi-voiced sound or switching upper/lower case : ✱

Switching input modes

Each time you press ✉ on the text input screen, input mode switches as 1 (one-byte numbers)⇒漢(hiragana/kanji)⇒ｱ (one-byte katakana)⇒A (one-byte alphabets)⇒…

- ◎ switches one-byte/two-byte.

Text input

Set a text input method or operation during text entry.

1 **MENU ▶ 8 Settings & NWservices ▶ 7 Clock & Other ▶ 2 Text input ▶ 5 Text input method ▶ Set required items ▶ 📷 [Set]**

Useful functions on the entry screen

Useful functions on the entry screen are explained taking mail message editing screen as an example.

Entering common phrases

1 **MENU ▶ 4 Quote phrase/passw ▶ 1 Use phrase ▶ Select phrase type ▶ Select phrase**

Entering pictograms/symbols

1 **On the character entry screen, when [Pict/Sym] is displayed, 📷 [Pict/Sym] ▶ Select a pictogram**

On the pictogram selection screen, press MENU to display Symbol-S/Symbol-L, press 📷 to display PictgrmD (Deco-mail pictograms)/Pictogram.

Press ✎ on the pictogram D selection screen to switch categorized folders.

Entering smileys

1 **MENU ▶ 5 Pict/Symbol/Smiley ▶ 3 Smiley ▶ Select a smiley type ▶ Select a smiley**

Copying/Cutting, pasting characters

1 **MENU ▶ 3 Copy/Cut/Paste ▶ 1 Copy or 2 Cut ▶ Specify the area using the multi-cursor key**

2 **Place the cursor at the position to paste**

3 **MENU ▶ 3 Copy/Cut/Paste ▶ 3 Paste**

Sound settings

You can set tones, such as changing a ring alert, adjusting the volume, or muting the sound emitted from FOMA terminal.

Ring alerts & Sounds

You can set your favorite melody for a ring alert or alarm.

<Example>　Setting Call ring alert

1 **MENU ▶ 8 Settings & NWservices ▶ 1 Alerts & Sounds ▶ 1 Ring alerts & Sounds ▶ 1 Call ring alert ▶ 1 Call ring alert** or **2 V.phone ring alert ▶ Set required items ▶ 📷 [Set]**

Point

- When Voice call ring tone is set, the setting applies to Incoming call.
- Some music or moving pictures/i-motion may not be set to the ring alert.

Adjust volume

You can set the volume of a ring alert, alarm sound, etc.

<Example>　Setting Call alert volume

1 **MENU ▶ 8 Settings & NWservices ▶ 1 Alerts & Sounds ▶ 2 Adjust volume ▶ 1 Alert/Call volume ▶ 1 Call alert volume ▶ ✥** or **▲▼ ▶ ● [OK]**

Vibration mode

You are notified of an incoming call or alarm with vibration, instead of sound.

<Example>　Setting Call vibrate alert

1 **MENU ▶ 8 Settings & NWservices ▶ 1 Alerts & Sounds ▶ 3 Vibrate alert/effect ▶ 1 Call vibrate alert ▶ 1 Call vibrate alert** or **2 V.phone vibe alert ▶ Select pattern**

Silent mode

This function mutes the sound emitted from the FOMA terminal such as ring alert, Keypad sound, Open/Close sound, Alarm sound, confirmation sound for reading a code with Bar code reader, and notifies the incoming call with vibrator (vibration). Also, microphone is sensitized in Silent mode, and you can call in a small voice.

1 **# (1 sec. or more)**

📳 appears on the stand-by display.

Canceling Silent mode : # (1 sec. or more)

Point

- Shutter sound and count down sound of Auto timer are emitted even in Silent mode.

System sound

Set sounds emitted for key operation, opening/closing the FOMA terminal, and shutter sound for shooting still images or moving pictures (including recording for Voice recorder).

1 **MENU ▶ 8 Settings & NWservices ▶ 1 Alerts & Sounds ▶ 1 Ring alerts & Sounds ▶ 5 System sound ▶ 1 Keypad sound - 4 Movie camera sound ▶ Select sound**

Setting display

Stand-by display setting

You can change the default stand-by display.

<Example> Setting preinstalled image

1 **MENU▶8 Settings & NWservices▶2 Display▶1 Stand-by display▶1 Image/i-αppli▶1 Set image**
When Kisekae Tool is set, select "Yes" on the confirmation screen for canceling.

2 **6 Preinstalled▶Select an image▶"Yes"**

Display light time

You can set the duration time for lighting the display.

<Example> Setting for "Normal use"

1 **MENU▶8 Settings & NWservices▶2 Display▶4 Display & Key light▶1 Display light time**

2 **1 Normal use▶1 0 sec. - 7 Always on**

Point

- If you select other than "Normal use" in Step 2 and set to "Phone setting", the light is lit according to the lighting time set in "Normal use".

Privacy view

This function allows the display to be less-visible to the people around you. You can start/cancel on the screen other than the stand-by display.

1 **MULTI (1 sec. or more)**
Canceling Privacy view : MULTI (1 sec. or more)

Select startup menu

Select a menu to be displayed when MENU is pressed on the stand-by display from "Kisekae menu (according to Kisekae Tool)", "Basic menu (menu structure and menu numbers are fixed)" or "Shortcut menu (changeable menu items)".

1 **MENU▶8 Settings & NWservices▶2 Display▶2 Menu preference▶1 Select startup menu▶Select a menu type**

Font size

1 **MENU▶8 Settings & NWservices▶2 Display▶6 Font & Language▶1 Font size▶Select an item▶Select a font size**
For some font sizes selected for overall, a confirmation screen for changing the MENU font size appears. When pressing "Yes", Kisekae Tool can be selected.

Point

- Items do not support the font size selected for overall are set to the closest font size.

Setting Machi-chara

You can set a character to be displayed on the stand-by display. A message can be changed to the speech in Machi-chara talk expression. You can also use Friendly message support Machi-chara that displays a message according to the FOMA terminal condition or content of entered text. "くーまん" and "リーフロボット"stored by default are the friendly message support Machi-chara.

©Dora communications

1 **MENU ▶ 8 Settings & NWservices ▶ 2 Display ▶ 7 Display Machi-chara ▶ Set required items ▶ 📷 [Set]**

Point

- Machi-chara does not appear when moving picture/i-motion/i-αppli is set for the stand-by display.
- If you set Friendly message to "ON", Machi-chara asks your call name when you return to the stand-by display. Press ● twice to enter your user name. You can set a desired call name (user name) which Machi-chara calls to you. User name is stored for each Machi-chara. If you perform Reset all information from the submenu on the Machi-chara list in the Data Box, stored user name is deleted.

Sound/Screen Setting

Kisekae Tool

You can set the stand-by display, menu, incoming/outgoing call screens, etc. at once with a predefined combination. By default, Kisekae Tool matched to the FOMA terminal color is set.

<Example> Setting preinstalled Kisekae Tool

1 **MENU ▶ 5 Data Box ▶ 7 Kisekae Tool ▶ 2 Preinstalled**

Place the cursor on a Kisekae Tool and press ✉ to display details on the Kisekae Tool.

Place the cursor on a Kisekae Tool and press ● to zoom in images of the stand-by display and menu screen.

2 **Move the cursor to a Kisekae Tool ▶ 📷 [Set] ▶ "Yes"**

Light setting

Indicator light

You are notified of missed call or unread mail (including SMS) by the indicator light.

1 **MENU ▶ 8 Settings & NWservices ▶ 2 Display ▶ 3 Color & Action image ▶ 5 Info display & light ▶ 2 Indicator light ▶ 1 ON or 2 OFF**

Point

- The indicator light blinks at approximately 10 seconds interval. However, when you receive information, close the FOMA terminal without checking arrival information, etc. the indicator light blinks at approximately 30 minutes interval.

Light alert

You can set the light operation that is turned on for incoming call, during a call, for using IC card and closing the FOMA terminal.

1 **MENU ▶ 8 Settings & NWservices ▶ 2 Display ▶ 5 Light alert**

2 **1 Light alert - 4 Open/Close light ▶ Set required items ▶ 📷 [Set]**

eco mode

Save the battery power by adjusting the display backlight or sound temporarily.

1 **MENU ▶ 8 Settings & NWservices ▶ 2 Display ▶ 8 eco mode ▶ 1 eco mode ON/OFF**

When ON is set, □ appears on the stand-by display.

Point

- If you do not change the default Shortcut menu setting, press 5 for 1 second or more to switch eco mode to ON/OFF.

eco mode options

You can set the operation when eco mode is ON.

1 **MENU ▶ 8 Settings & NWservices ▶ 2 Display ▶ 8 eco mode ▶ 2 eco mode options ▶ 1 Std. saving or 2 Full saving**

Point

- eco mode setting allows you to set operations when eco mode is ON.

Std. saving : Change settings of System sound, Light alert, Indicator light, Backlight, 1Seg eco mode, etc. to save the battery power.

Full saving : With Std. saving applied, restrict the usage of motion sensor, Manner support, Machi-chara, Immobile sensor of Unoperated lock setting, Pedometer/ACT monitor, etc. to save the battery power.

Security codes

Security codes vary by functions. Security code protects personal information. Be careful about handling the security code.

Terminal security code (Default : 0000)

The code is the security code to be used when changing settings or deleting all the items at once. To change the code, perform the following operation.

1 **MENU ▶ 8 Settings & NWservices ▶ 4 Security & Locks ▶ 7 Code & Fingerprint ▶ 1 Change security code ▶ Authenticate**

2 **Enter a new terminal security code ▶ Enter the new terminal security code in New terminal security code-check field ▶ 📷 [Save]**

Point

- If a wrong terminal security code is entered 5 times consecutively, the power is turned OFF.

Network security code (At subscription : Set any code)

Network security code is required when DOCOMO identifies the subscriber at docomo Shop, docomo Information Center or "お客様サポート (user support)" or when you subscribe Network Services. To change the code, perform the following operation.

1 **iα ▶ "お客様サポート (User support)" ▶ "各種設定 (確認・変更・利用) (Settings (Check/Change/Use))" ▶ "ネットワーク暗証番号変更 (Change Network security code)" (in Japanese only)**

i-mode password (At subscription : 0000)

i-mode password is required to save to/delete My Menu, use Message Service, subscribe/cancel i-mode charged services, etc. To change the code, perform the following operation.

1 **iα ▶ "お客様サポート (User support)" ▶ "各種設定 (確認・変更・利用) (Settings (Check/Change/Use))" ▶ "ｉモードパスワード変更 (Change i-mode Password)" (in Japanese only)**

PIN1/PIN2 code (At subscription : 0000)

You can set 2 security codes to the UIM: PIN1 code and PIN2 code.
The PIN1 code is a security code to be used when installing the UIM or turning ON the FOMA terminal.
The PIN2 code is the security code to be used when requesting the issuance of a user certificate, resetting Total calls cost or resetting the total call costs.

To change either code, perform the following operation. When changing PIN1 code, set PIN1 entry ON/OFF to "ON" in advance.

1. **MENU ▶ 8 Settings & NWservices ▶ 4 Security & Locks ▶ 6 UIM ▶ 1 Change PIN1 code** or **2 Change PIN2 code ▶ Authenticate**
2. **Enter the current PIN code ▶ Enter a new PIN code in New PIN code field and New PIN code - check field ▶ 📷 [Save]**

Point

- To display the PIN1 code entry screen when turning power on, MENU ▶ 8 4 6 3 1, and then set PIN1 entry ON/OFF to "ON".
- Even if PIN2 code is locked by entering incorrect PIN2 code 3 times consecutively, making/receiving calls or sending/receiving mail is available; if PIN code is locked by entering incorrect PIN code 3 times consecutively, these operations are unavailable.

The PUK code

PUK code is used if the PIN1/PIN2 code is locked. PUK cannot be changed by users. If the UIM is locked by entering the PUK code incorrectly 10 times consecutively, contact docomo Shop.

Point

- The PUK code is written on a subscription form (copy for user) handed at subscription in a docomo Shop. For users subscribed in other than docomo Shop, bring a document (a drivers license etc.) to identify your subscription and the UIM to a docomo Shop, or contact "General Inquiries" on the last page of this manual.

- To set a security code, avoid imaginable numbers such as "birth date", "a part of phone number", "street address or room number", "1111" or "1234". Maintain a separate record not to forget the numbers.
- Be careful never to reveal your security code to others. If a security code is known to and misused by others, DOCOMO assumes no responsibility for damages resulted from it.
- If you forget your security codes, you need to bring a document (a drivers license etc.) to identify your subscription, the FOMA terminal and the UIM to a docomo Shop. For details, contact "General Inquiries" on the last page of this manual.

Various lock functions

All lock

Menu operation is unavailable. You can use only a part of operations such as answering calls, receiving mails, turning power ON/OFF.

Activate : MENU ▶ 8 4 1 3 ▶ Authenticate

Deactivate : Enter the terminal security code (When the fingerprint authentication is set, MENU ▶ Authenticate)

Self mode

All functions requiring communication are unavailable.

Activate/Deactivate : CLR (1 sec. or more) ▶ "Yes"

Personal data lock

Besides personal information such as phonebook entries, mails or schedule cannot be displayed and menu operations can be restricted.

Activate/Deactivate : MENU ▶ 8 4 1 4 ▶ Authenticate ▶ 1 or 2

Keypad dial lock

Calls can be made only by using phonebook.

Activate/Deactivate : MENU ▶ 8 4 1 6 ▶ Authenticate ▶ 1 or 2

Lock on close

All keys except the side keys are locked when FOMA terminal is folded.

Activate : MENU ▶ 8 4 1 1 ▶ Authenticate ▶ Set required items ▶ 📷

Deactivate temporarily : Open the FOMA terminal and authenticate

Unoperated lock setting

Lock key operation when no operation is performed for a certain period of time.

Activate : MENU ▶ 8 4 1 2 ▶ Authenticate ▶ Set required items ▶ 📷

Deactivate temporarily : MENU ▶ Authenticate

IC card lock

Osaifu-Keitai, obtainment of ToruCa from IC card reader, iC transmission, etc. are unavailable.

Activate : ◎ (1 sec. or more) ▶ "Yes"

Deactivate : ◎ (1 sec. or more) ▶ Authenticate

Omakase Lock

The personal data of phonebook etc. or IC card function of Osaifu-Keitai is locked only by contacting DOCOMO in case FOMA terminal is misplaced etc. For details, refer to "Mobile Phone Users Guide [Basic Usage]".

■ Setting/Canceling Omakase Lock

☎ 0120-524-360 Business hours : 24 hours (open all year round) (In Japanese only)

* Unavailable from part of IP phones.

* Omakase Lock can be set/canceled from My docomo site using a PC etc. (in Japanese only)

Lock/Security

Incoming call restriction

Anonymous caller

For each reason for hiding caller ID, you can set a receiving operation.

1 **MENU ▶ 8 Settings & NWservices ▶ 5 Call & Answer ▶ 2 Anonymous caller ▶ Authenticate ▶ 1 Anonymous - 3 Unavailable ▶ Set required items ▶ 📷 [Set]**

Point

- The reasons for hiding caller ID are as follows:
  Anonymous : a call with hiding caller ID set
  Payphone : a call from public payphone, etc.
  Unavailable : a call unavailable to notify caller ID such as an overseas call or call from land-line phone using call forwarding service, etc.

Unregistered caller

You can reject calls from phone numbers not saved in phonebook.

This function is available for calls showing caller ID. For calls hiding caller ID, receiving operation is performed according to the Anonymous caller setting. It is recommended that you use both Caller ID request and Anonymous caller setting.

1 **MENU ▶ 8 Settings & NWservices ▶ 5 Call & Answer ▶ 5 Reject/Accept call ▶ 2 Unregistered caller ▶ Authenticate ▶ 1 ON or 2 OFF**

Lock/Security

Resetting to default

Reset

You can restore functions in red characters on the menu list to the default settings. ⇒P76

1 **MENU ▶ 8 Settings & NWservices ▶ 7 Clock & Other ▶ 4 Info & Reset ▶ 5 Reset ▶ Authenticate ▶ Select an item to be reset ▶ 📷 [Reset] ▶ "Yes"**

Delete all data

You can delete data saved in FOMA terminal, and restore the each function's settings to the default.

1 **MENU ▶ 8 Settings & NWservices ▶ 7 Clock & Other ▶ 4 Info & Reset ▶ 6 Delete all data ▶ Authenticate ▶ "Yes"**
All data is deleted while restarting. Do not turn power off until the stand-by display is displayed.

Point

- Even after all data is deleted, the data registered by default is not deleted.

Making a call/videophone call

Entering a phone number

1 **Enter a phone number including area code (Up to 80 digits) ▶ ☎ (voice call) or 📷 (videophone call) ▶ When ending the call, ☏**

Using phonebook

1 **👤 ▶ Search phonebook**

The phonebook list search result of the Show all names is displayed by default.

You can switch lines by ⇔ or switch the previous/next pages by ✉ / iα.

2 **Move the cursor to the party ▶ ☎**

To make a videophone call, move the cursor to the party and operate as follows.

From Show all names : MENU ▶ 1 1 ▶ In the Call type field, 2 ▶ 📷

From other search : iα

Point

- You can make calls using logs of mails, etc if phone numbers are saved in phonebook.
- When mail address is registered to the phonebook, you can create i-mode mail from the phonebook list.
  Creating mail from Show all names : 👤 ▶ Search phonebook ▶ Move the cursor to the party ▶ 📷
  Creating mail from other search : 👤 ▶ Search phonebook ▶ Move the cursor to the party ▶ ✉

Using redial/received calls

Up to each 30 items are displayed in Redial and Received calls. When the maximum is exceeded, older logs are overwritten first.

1 **◐ (Redial) or ◑ (Received calls) ▶ Move the cursor to the party ▶ ☎ (voice call) or iα (videophone call)**

Point

- DOCOMO videophone specifications conform to "3G-324M, an international standard prepared by 3GPP". The connection with the videophones of different specifications cannot be established.
- The FOMA terminal is not equipped with in-camera. Sending image is any of Chara-den, still image or out-camera image.

International calls

You can make international calls from Japan using WORLD CALL.

✤ WORLD CALL

"WORLD CALL" is the international call service (voice call/videophone call) available from DOCOMO mobile phones. You are subscribed to "WORLD CALL" at the time of subscription to the FOMA service (Unless you request not to subscribe to it).

- No subscription or monthly charges apply.
- DOCOMO charges customers for "WORLD CALL" fee and monthly FOMA service call fee all together.
- For details of "WORLD CALL", contact "General Inquiries" on the last page of this manual.
- To use international call services except DOCOMO service, contact the carrier for details.
- For countries and overseas telecommunications carriers available, refer to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services website.
- The image of the other party displayed on FOMA terminal may be distorted or connection may not be established depending on the other party's terminal connected through the international videophone line.

1 Enter "010-phone number without the leading 0 of Country code (City code)" ▶ ☎ (voice call) or 📷 (videophone call)

In some countries and areas such as Italy, "0" is required.

Call Telephone

Receiving a call/videophone call

1 Receive

You are notified of an incoming call with ring alert, light alert, etc. On the display, the phone number appears when caller ID is sent, and caller's name appears when phone number is saved in the phonebook. When caller ID is not sent ,the reason (Anonymous, Payphone or Unavailable) appears.

⇕ : Adjust the alert volume
▲ : Stop the ring alert and the vibrator
⌐ : On-hold

2 ✆ (voice/videophone call) or 📹 (videophone call)

3 When ending the call, ⌐

Point

- When you cannot answer an incoming call, ☎ 2 (The digit indicates the number of missed calls) appears on the stand-by display. The incoming calls are recorded as missed calls in Received calls.

Call Telephone

Operation during a call

You can use useful functions during a call.

On hold

A melody is played while on hold. For a videophone call, the videophone on-hold image is displayed on the phone of the other party and yourself.

1 During a call, ● [OnHold]

Point

Canceling the voice call on hold : ● or ✆
Canceling the videophone call on hold (send the image before on hold) : ●
Canceling the videophone call on hold (send the camera image) : 📹
Canceling the videophone call on hold (send the substitute image) : ✉ or ✆

Listening volume

You can adjust listening volume during a call.

1 During a call, ⇕

Point

- This setting applies to Listen volume in Adjust volume.

When you cannot answer a call

Record message

When Record message is set to "ON", a greeting message is played and the caller can record message when you cannot answer the call.

1 [MENU] ▶ [4] **Phonebook&Logs** ▶ [7] **Record msg.&Voice memo** ▶ [1] **Record message** ▶ [1] **ON**

📼 appears on the stand-by display.

Point

- You can record up to 4 voice/videophone calls in total, approximately 30 seconds for each call. When reaching the savable number, 📼FULL appears on the stand-by display and Record message does not work. Delete unnecessary recorded messages.
- Even when Record message is not set to "ON", you can activate it for once by pressing [▲] for 1 second or more while receiving a call (Quick recorded message).
- Even when the greeting message is being played or a message is being recorded, you can answer a call by pressing [📞] (for videophone call, [iα]). In this case, the message before the call was answered cannot be recorded.

Setting a response time : [MENU] ▶ [4][7][1][3] ▶ Enter time

Playing a recorded message : [MENU] ▶ [4][7][2] ▶ Select a message ▶ Select whether to delete

Public mode

Public mode is an automatic answering service putting emphasis on manners in a highly public place or when driving a car.

Public mode (Drive mode)

When there is an incoming call, a guidance message is played to inform the other party of the reason that you cannot answer the call and request to call back, and then the call ends automatically.

1 [✱] **(1 sec. or more)**

🚗 appears on the stand-by display.

Point

- In Public mode (Drive mode), no receiving action is performed, and calls are recorded as Missed call.

Canceling : [✱] (1 sec. or more)

Public mode (Power OFF)

When there is an incoming call while turning off the power, a guidance message is played to inform the other party of the reason that you cannot answer the call and request to call back, and then the call ends automatically.

1 **Enter "*25251"** ▶ [📞]

Even when Public mode (Power OFF) is set, no indicators such as icons appear on the display.

Point

Canceling : Enter "*25250" ▶ [📞]

Checking the settings : Enter "*25259" ▶ [📞]

Network Services

Service	Application	Monthly charge
Voice Mail Service	Required	Charged
Power OFF/Out of service area notification service	Not required	Free
Call Waiting Service	Required	Charged
Call Forwarding Service	Required	Free
Nuisance Call Blocking Service	Not required	Free
Caller ID notification	Not required	Free
Caller ID Display Request Service	Not required	Free
Dual network service	Required	Charged
English guidance	Not required	Free
Multi Number	Required	Charged
2in1	Required	Charged
OFFICEED	Required	Charged
Public mode (Drive mode)	Not required	Free
Public mode (Power OFF)	Not required	Free
Melody Call	Required	Charged

- Network services are not available out of service area or where radio waves are hard to reach.
- For subscription and details of the services, contact "General Inquiries" on the last page of this manual.
- For details, refer to "Mobile Phone User's Guide [Network Services]".
- For details of "OFFICEED", refer to DOCOMO's business website (http://www.docomo.biz/html/service/officeed/ (In Japanese only)).

Setting network service

The operations for major network services are as follows.

Service	Operating procedure
Voice Mail Service	MENU ▶ 8 8 1 1 ▶ **Perform the following operation** **Activate :** 1 ▶ "Yes" ▶ "Yes" ▶ Enter ring time **Deactivate :** 3 ▶ "Yes" **Play messages :** 5 ▶ 1 or 2 ▶ "Yes" ▶ Follow the guidance to operate
Call Waiting Service	MENU ▶ 8 8 2 1 ▶ **Perform the following operation** **Activate :** 1 ▶ "Yes" **Deactivate :** 2 ▶ "Yes"
Call Forwarding Service	MENU ▶ 8 8 2 2 ▶ **Perform the following operation** **Activate :** 1 ▶ "Yes" ▶ "Yes" ▶ Enter a phone number ▶ 📷 ▶ "Yes" ▶ Enter ring time **Deactivate :** 2 ▶ "Yes"

Point

- When ring time is set to "0 sec." for Voice Mail service or Call Forwarding service, incoming calls are not recorded in Received calls.
- To answer a call from another party during a call when call waiting is activated, press ✆. When a party is put on hold, press iα to switch the parties to talk to.

Emergency call

You can make the following emergency calls from the FOMA terminal.

Police	110
Fire and ambulance	119
Marine emergencies	118

- This FOMA terminal supports "Emergency Location Report". If you use the FOMA terminal to place a call to emergency numbers such as 110, 118, or 119, the information of a location where you are calling from (location information) is automatically notified to the Emergency call acceptance organization such as the Police Station. The Emergency call acceptance organization may not be able to figure out your exact location depending on the location where you place a call or radio wave condition.

  When the caller ID is hidden for the call, i.e., by appending "184" to the dialed number, none of location information or your phone number is notified; however, the organization may acquire the location information and phone number regardless of your settings, if they have determined that such information is necessary for the protection of life etc. The area and timing of implementing "Emergency Location Report" vary by the preparatory state of respective emergency call receiving organizations.
- When calling to 110, 119 or 118 from the FOMA terminal, inform them that you are calling from a mobile phone and give your phone number and your current location precisely since the police or fire department has to call you back for confirmation. To make sure that you are not cut off during the call, do not move during the call and do not turn OFF the phone just after the call, but keep it on for about 10 minutes.
- For some areas you are calling from, you are not connected to the local police or fire department.
- When Auto redial as voice of Operation is set to "ON", videophone call to 110, 119 or 118 from the FOMA terminal changes automatically to voice call.

Using overseas

You can talk with FOMA terminal and use i-mode overseas.

✤ International Roaming (WORLD WING)

International roaming (WORLD WING) is a service that allows you to make voice calls and access i-mode using network of telecommunications carriers affiliated with DOCOMO overseas. Before using this service, check its subscription status. For details, contact "General Inquiries" on the last page of this manual.

- You can use the FOMA terminal in the service areas of 3G Network or GSM/GPRS Network. Also, it is available in countries or districts where 3G 850 MHz is applied. Check the service area.
- Refer to the following documents before using FOMA terminal overseas.
  - "Mobile Phone User's Guide [International Services]"
  - DOCOMO International Services website
  - "海外ご利用ガイド" preinstalled in My Document in Data Box (In Japanese only)

Available service overseas

Communication service	3G	GSM/ GPRS	GSM
Voice call	○	○	○
Videophone call	○	×	×
i-mode*1	○	○	×
i-mode mail	○	○	×
SMS*2	○	○	○
i-Channel*1, 3	○	○	×
i-concier*4	○	○	×
i-Widget*5	○	○	×
Packet communication (PC connection)	○	○	×

*1 International settings of i-mode are required.

*2 When you send SMS to FOMA terminal, enter the party's phone number as well as in Japan.

*3 International settings of i-Channel are required. Packet communication fee is also charged for auto update for Basic channel (included in i-Channel usage fee in Japan).

*4 International Settings of i-concier is required. Packet communication fee is charged each time you receive information.

*5 International Settings of i-Widget is required. When multiple Widget Appli communicate, a packet communication fee is charged per one communication.

Making a call from overseas

You can make a call in simple operation using memory No. (Quick dial).
When you enter and call a number within 2-digits overseas, a screen asking for selecting "Quick dial" or "Call" appears. If you select "Call", the call is made as it is (used for emergency overseas).

Making an international call

1 **[0] (1 sec. or more)**

"+" is entered.

2 **Enter "Country code (for Japan, 81)-phone number without the leading 0 of Area code (City code)" ▶ [☎] (voice call) or [📷] (videophone call)**

In some countries and areas such as Italy, "0" is required.

Making a call inside the country you stay

1 **Enter a phone number ▶ [☎] (voice call) or [📷] (videophone call) ▶ "No, use original"**

The call may be made with no message displayed.

Making a call to WORLD WING user overseas

1 **[0] (1 sec. or more) ▶ Enter "81 - mobile phone number without the leading 0" ▶ [☎] (voice call) or [📷] (videophone call)**

Point

- The call is forwarded internationally from Japan even when staying in the same country as the party to be called, so enter "+" and the country code of Japan, "81".

Receiving a call inside the country you stay

1 **A call is received ▶ [☎] (voice call) or [i☎] (videophone call)**

Point

- Regardless of the country, from which the call is made, the call is internationally forwarded from Japan. The caller is charged for call fees to Japan, and the receiver is charged for receiving the call.

Setting after returning to Japan

When you turn the FOMA terminal ON, the connection to the FOMA network is established automatically. If it is not automatically connected, set Network search setting to "Auto" and 3G/GSM setting to "AUTO".

Sending i-mode mail/Sending SMS

Sending i-mode mail

Only by subscribing to i-mode, i-mode mails can be exchanged not only with i-mode compatible terminals but also via Internet.

- For details of i-mode mail, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

1 **✉ ▶ ✉ [Write]**

2 **Enter an address, title and text ▶ 📷 [Send]**

When sending is completed correctly, the mail is automatically saved in a folder of Outbox.

Point

Adding addresses : On the mail creation screen, move the cursor to receiver field ▶ iα

Attachments

You can attach up to 10 files and up to 2 Mbytes of image or moving picture/i-motion, etc. in total.

1 **On the mail creation screen, select the attachment field ▶ Select a file type ▶ Attach a file**

2 **Edit a mail ▶ 📷 [Send]**

Point

- Sending an attachment file of a big size may take time. After sending such a file, a lot of mail in folders of Outbox may be deleted.

Canceling attachment : On the mail creation screen, move the cursor to attachment name ▶ iα ▶ "Yes"

Sending SMS

When you do not know receiver's mail address, you can send a text message to mobile phone number instead of the mail address.

SMS can be also sent to or received from the parties using overseas service providers except DOCOMO. For countries and overseas telecommunications carriers available, refer to "Mobile Phone User's Guide [International Services]" or DOCOMO International Services website.

1 **✉ ▶ 7 SMS/Area Mail ▶ 1 SMS ▶ 1 Compose SMS ▶ Enter recipient and mail message ▶ 📷 [Send]**

Point

- When there is an incoming SMS, FOMA terminal operates in the same way as an incoming i-mode mail. ⇒P48

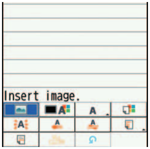
Deco-mail/Decome-Anime

Deco-mail

You can change a font size or background color, or insert still images, Deco-mail picture or Deco-mail pict.

<Example> Specifying decoration before entering characters

1 On the mail creation screen, "Msg" ▶ [iα] [Deco.]



<Decoration menu>

2 Select a decoration icon ▶ Decorate

3 Edit a mail ▶ [📷] [Send]

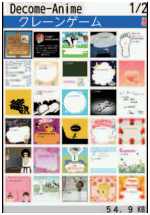
Point

- When "Auto Deco-mail" is selected after the message text entry, the message is automatically decorated according to the message content. Each time you press [📷], Deco-mail options appear one after another.

Decome-Anime

You can create more expressive Deco-mail using templates made with Flash graphics.

1 [✉] ▶ [3] Compose Decome-Anime ▶ "Edit"



<Decome-Anime-Template list screen>

2 Move the cursor to a template ▶ [📷] [Load]

3 Edit items

Changing template : [MENU] ▶ [1] ▶ "Yes" ▶ Go back to Step 2

4 [📷] [Complete] ▶ Edit a mail ▶ [📷] [Send]

Point

- To preview, after loading the template, press [iα] while editing text or images. To return to the previous screen, press [iα].

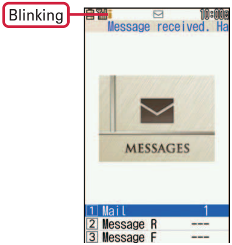
Receiving i-mode mail

No specific operations or settings are required for receiving mails (mail automatic reception).

1 **Receive i-mode mails**

2 **1 Mail ▶ Select a mail**

When two or more messages are received or messages are delivered to the folders for Message i-αppli, a folder list appears.



Message received. Ha

MESSAGES

1 Mail 1
2 Message R ---
3 Message F ---

<Mail reception screen>

Point

Checking mails in the mailbox : On the stand-by display, ✉ ▶ 1 or 4 or 5 ▶ Select a folder ▶ Select a mail

Replying to mails

1 **✉ ▶ 1 Inbox ▶ Select a folder ▶ Select a mail ▶ MENU ▶ 1 Reply/Forward ▶ 1 Reply - 5 Vreply Decome-Anime**

2 **Edit a mail ▶ 📷 [Send]**

Point

- By selecting a mail and then pressing 📷, you can reply easily using stored common phrases (Quick reply).

Checking new messages

You can make inquiry for any i-mode mail or MessageR/F delivered while you were out of service area or the power was turned OFF.

1 **✉ (1 sec. or more)**

Point

Checking new SMS : ✉ ▶ 7 1 5

Auto-sort method

Sent/received mails are sorted in folders with rules set.

1 **✉ ▶ 9 Mail settings ▶ 2 Sort method ▶ 1 Auto-sort ON/OFF ▶ Set items to ON ▶ 📷 [Save]**

2 **2 Inbox sort or 3 Outbox sort ▶ 📷 [Add] ▶ Set sort method ▶ Select a file to sort ▶ Select a priority**

Mail

Early warning "Area Mail"

This is a service that you can receive emergency earthquake flash report etc. delivered by the Meteorological Agency. i-mode subscription is not required.

Receiving Area Mail

When there is an incoming Area Mail, ✉ turns on, and you are notified of reception with blinking light, the dedicated buzzer alarm and vibrate alert.

Point

- You cannot receive Area mail during Omakase lock, while using infrared communication/iC transmission.

Receive setting

You can set if you receive Area Mail.

1 **✉ ▶ 7 SMS/Area Mail ▶ 2 Early warning "Area Mail" setting ▶ 1 Receive setting ▶ Read the notice ▶ Select the option field ▶ 1 "Yes" or 2 "No" ▶ 📷 [Set]**

Phonebook

Phonebook new entry

There are two phonebooks: the FOMA terminal phonebook and the UIM phonebook.

<Example> Adding a FOMA terminal phonebook entry

1 **👤 (1 sec. or more) ▶ Enter a name ▶ Set required items ▶ 📷 [Save]**

Point

Saving to UIM phonebook : MENU ▶ 4 4 ▶ Enter a name ▶ Set required items ▶ 📷

Adding Phonebook entries from redial/received call

1 **↩ (Redial) or ↪ (Received calls) ▶ Move the cursor to the party ▶ MENU ▶ 4 Add ▶ 1 Add to phonebook or 2 Update phonebook ▶ 1 In phone memory or 2 In UIM**

To update a phonebook entry, select the entry to add a phone number to.

2 **Set required items ▶ 📷 [Save]**

Point

Searching a phonebook entry : MENU ▶ 4 1 ▶ 1 - 7

Editing a phonebook entry : 👤 ▶ Search the phonebook ▶ Move the cursor to a phonebook entry ▶ MENU ▶ 3 1 ▶ Select an item and edit ▶ 📷 ▶ "Overwrite" or "New entry"

Deleting a phonebook entry : 👤 ▶ Search the phonebook ▶ Move the cursor to a phonebook entry ▶ MENU ▶ 4 ▶ 1 or 2 (▶ 2, authenticate) ▶ "Yes"

Displaying i-mode site/website

With i-mode, you can use services such as site connection, Internet connection or i-mode mail by the display of i-mode compatible terminal. You can use Full Browser to display websites created for a PC.

- i-mode is a charged service requiring subscription. For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

●●●

- The contents of sites and Internet websites are generally protected by copyright laws. All or any portion of text, image or other data imported to your i-mode compatible terminal from a site or website cannot be altered except for personal use, and cannot be sold or redistributed in any form without the express permission of the copyright holder.
- When you attach a UIM except yours or turn ON the FOMA terminal without UIM, still images/i-motion/melodies downloaded from sites, attached files sent/received by mail, screen memos and MessageR/F for some models cannot be displayed or played.
- When the stand-by display, ring alert, etc. are set by data with the UIM operation restriction, if you replace the UIM with another one or turn the power ON without UIM, they return to the default setting.
- i-mode and Full Browser have different charging systems. It is recommended that you subscribe to i-mode packet flat-rate service because a high packet communication fee is required to use Full Browser according to data communication volume.

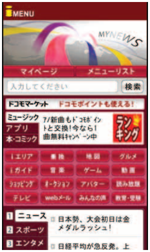
●●●

Browsing i-mode website

1 **iα ▶ Select an item to view**

During i-mode communication, i blinks on the display.

To display English menu, scroll down to the bottom of the iMENU screen and select “English”.



<iMENU screen>

Displaying web pages designed for PC

1 **MENU ▶ 2 i-mode ▶ * Full Browser Home**

Switching i-mode/Full Browser

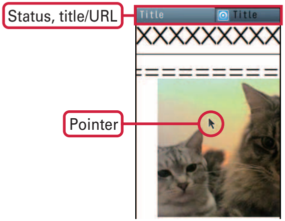
i-mode to Full Browser : While site is displayed

MENU ▶ 5 2

Full Browser to i-mode : While site is displayed

MENU ▶ 7 2

Viewing and operating screen



<Browser screen>

Scrolling up and down[*] **:** ✜

Scrolling up and down continuously[*] **:** ✜ (1 sec. or more)

Normal/Switch Scrolling mode : ✎

Changing pages : ✉ [← Back]/ iα [Next →]

Display history : ✉ [← Back] (1 sec. or more)/ iα [Next →] (1 sec. or more)

● In scroll mode

Scrolling up or down : ✉ [▲] / iα [▼]

Scrolling up or down successively : ✉ [▲] (1 sec. or more)/ iα [▼] (1 sec. or more)

- In Full Browser screen, press 📷 ▶ 0 to display functions assigned to the numeric keys.

[*] When Display Mode in Full Browser is set to PC layout mode, ◁▷ / ◁▷ (1 sec. or more) to scroll right and left/scroll right and left continuously.

Bookmark

You can bookmark frequently visited sites or websites to quickly display them the next time you want to visit.

Saving : While a site or website is displayed, MENU ▶ 1 2 ▶ 📷 ▶ Select a saving folder

Displaying : MENU ▶ 2 2 ▶ Select a folder ▶ Select a bookmark

Screen memo

Currently displayed contents of a site or website can be saved as a screen memo.

Saving : While site or website is displayed, MENU ▶ 2 2 ▶ "Yes"

Displaying : MENU ▶ 2 3 ▶ Select a screen memo

Point

- There are occasions where screen memos cannot be saved such as when saving screen memos is restricted by a site or website.

Using i-Channel

i-Channel is a service that news, weather information, etc. is distributed to the i-Channel compatible terminal. The auto-received information appears in the ticker on the stand-by display. Press CLR to display the channel list.

● **Basic Channel**

The channel is provided by DOCOMO, and the packet communication fee for automatically updating the distributed information is not charged.

● **Okonomi (Optional) channel**

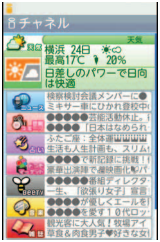
The channel is provided by an IP (Information Provider), and the packet communication fee for automatically updating the distributed information is separately charged.

When viewing detail information in Basic Channel or Okonomi Channel, a packet communication fee is separately charged. For overseas use, packet communication fee is charged for both automatic update and viewing detail information.

- i-Channel is a charged service requiring subscription. i-mode subscription is required for the service.
- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

To view the detail information of the ticker displayed, perform the following operation.

1 On the stand-by display, CLR



横浜 24日 ☀︎
最高17℃ 20%
日差しのパワーで日向は快適
検察検討会議メンバーに●
ミキサー車にひかれ登校中
●●●●●芸能活動休止。
●●●●「日本はなめられ
ふたご座：全体運
生活も人生計画も、スリム
●●●●で新記録に挑戦！
豪華出演陣で映画化
●●●●●番組ディレクタ
一生、「欲張り女子」宣言
●●●●が優しくエールを
●●●●を愛す１０代ロッ
観光客に大人気！牧場アイ
草食＆肉食男子♥好きな女

<Detail information screen>

2 Select a channel

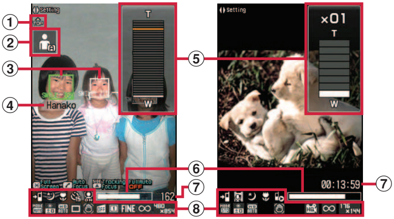
The site is connected and the detail information appears.

Point

- When the detail information of i-Channel is displayed, the same operations as the ones when i-mode sites or websites are available.⇒P51

Shooting still images/moving pictures

Viewing shooting screen



<Still image shooting screen>

<Moving picture shooting screen>

① **Sense orientation icon**
② **Auto scene recognition icon**
③ **Focus frame, face detection frame**
④ **Name of detected person (Find-me focus)**
⑤ **Zoom rate**
⑥ **Indicator**
⑦ **Counter**
⑧ **Setting icons**

- Saving location
- Shooting type
- Night mode
- Macro
- Self timer
- Face detection/Smile finder
- Compatible mode
- Scene mode/effect
- Brightness
- White balance
- Frame
- Fix camera shake
- Skew correction
- Continuous/Panorama shooting
- Image quality
- Quality
- Size restrictions
- Size

Shooting still images

1 [📷]

2 **Point the camera at an object, ● [Shoot] or ▣**

3 **●[Save] or ▣**

Shooting moving pictures

1 [📷] **(1 sec. or more) or ▣**

2 **Point the camera at an object, ● [Shoot/Record] or ▣**

3 **To stop shooting, ● [Stop] or ▣**

4 **●[Save] or ▣**

Point

- If FOMA terminal is left in a warm place or exposed to direct sunlight for a long time, images to be shot may be deteriorated.
- If no operations are performed for approximately 3 minutes during shooting stand-by, the camera ends.

Switching still camera/movie camera : On the shooting screen, [✉]

Viewing still images/moving pictures

Still images/moving pictures are saved to Data Box.

1 **MENU ▶ 5 Data Box ▶ For still image, 1 My picture or for moving picture, 4 i-motion/Movie ▶ Select a folder ▶ Select data**

Point

- Shot still image/moving picture can be set to stand-by display or registered to the phonebook etc.

Shooting in various methods

To do	Operation
Scene mode/effect	On the shooting screen MENU ▶ 1 ▶ Select Scene mode/effect
Smile-finder	On the still image shooting screen MENU ▶ 3 2 ▶ Select smile level
Skew correction	On the still image shooting screen MENU ▶ 4 2 ▶ 1 or 2
Self timer	On the still image shooting screen MENU ▶ 5 ▶ Select number of seconds
Continuous shooting	On the still image shooting screen MENU ▶ 6 ▶ 1 or 2
Panorama	On the still image shooting screen, MENU ▶ 6 5 ▶ Point the camera at an object, ● [Shoot] or 📷 ▶ Superpose transparent parts each other and repeat ● [Shoot] or 📷 until the maximum number of pictures reaches

The following operations are available on the shooting screen.

Checking saved still image/moving pictures :
📷 [List]

Night mode ON/OFF : iα [Night ON/Night OFF]

Macro : ⌗

Zooming in/out : ⧗

Watching 1Seg

● Using 1Seg

1Seg is a service provided by TV broadcasting enterprises (stations), etc. A communication fee for receiving video picture and sound is not required. Contact NHK for details on your NHK viewing fees.

* For viewing "Data broadcasting site", "i-mode site", etc., packet communication fees are charged. Some sites require information fees (i-mode pay sites).

* For details of "1Seg" service, refer to the following websites.

The Association for Promotion of Digital Broadcasting

From a PC : http://www.dpa.or.jp/english/

From i-mode : http://www.dpa.or.jp/1seg/k/ (In Japanese only)

● Airwaves

1Seg is one of the broadcast services and a different type of radio waves (airwaves) from that of FOMA service is received. In the following cases, reception condition may become bad or reception may be unavailable.

- A place far from the tower that the airwaves are sent from
- Mountain-ringed regions or a place between buildings
- Tunnel, underground or far back from a building

* To receive stronger radio waves, try moving to another location.

● Screen appearing when using 1Seg for the first time

A disclaimer confirmation screen appears. If you agree and then select "OK", the confirmation screen does not appear again.

Creating a channel list using preset (for the first-time creation)

To watch 1Seg, you need to create a channel list.

<Example> **Loading broadcasting stations and channels that are pre-registered to the FOMA terminal**

1 **MENU ▶ 6 Lifekit ▶ 9 1Seg ▶ 7 Channel list ▶ "Yes" ▶ "Use preset"**

Selecting "Auto setting" searches for broadcasting stations and channels that can be received in your current location.

2 **Select an area ▶ "Yes"**

Watching 1Seg

1 **TV (1 sec. or more)**

Viewing and operating the watching screen

You can watch 1Seg in full screen, or divide the screen to watch the data broadcasting.

<Horizontal display (full screen)>

Adjusting volume : ▲▼
Starting Program guide i-αppli : 📷 [EPG]
Selecting a channel : 1 - 9, ✱, 0, #
Selecting the previous and next channel : ◐
Recording still images : ✉ [📷/Rec]
Starting/Stopping a video recording : ✉ (1 sec. or more)
Switching the watching screen : ✎
Showing/Hiding Subtitle : i字 [Subtitle]

Point

- Pressing MENU while watching displays the submenu, from which you can reserve watching/recording, set OFF timer, turn 1Seg eco-mode on/off, etc.

Displaying key function help : While watching, MENU ▶ 9

Watching/Recording reservation

1. **MENU ▶ 6 Lifekit ▶ 9 1Seg ▶ 4 Set/Timer list**
2. **MENU ▶ 1 Set new timer ▶ Select a entry method**
   When selecting "Manual reception" or "Manual recording", you proceed to set the reservation details such as time and date or channel.
   Selecting "By program guide" activates program guide i-αppli. When you reserve watching or recording a program by selecting it in the program guide i-αppli, the reservation information is saved and displayed on the setting screen.
3. **📷 [Save] ▶ 📷 [Save]**

Point

- When recording a long program, specify the saving location that has more free space in "REC setting" on the recording reservation screen.

Playing a recorded program

1. **MENU ▶ 5 Data Box ▶ 0 1Seg ▶ Select a folder ▶ Select data**

Music&Video Channel

Music&Video Channel is a service which automatically distributes a program of up to approximately 1 hour at night. You can also enjoy high-quality video program of up to approximately 30 minutes. (In Japanese only)

- Music&Video Channel is a charged service requiring subscription. Subscriptions to i-mode and i-mode packet flat-rate services are required for the service.
- Information fee may be required additionally for some programs besides Music&Video Channel service fee.
- If UIM is used on a Music&Video Channel incompatible FOMA terminal after subscribing to Music&Video Channel, Music&Video Channel cannot be used. Note that the service fee is charged unless Music&Video Channel is unsubscribed.
- Program setting and downloading are unavailable during international roaming*. Stop distribution of programs before leaving Japan. When you return to Japan, resume distribution of programs.

* Note that attempting program setting or downloading during international roaming requires packet communication fee for i-mode connection.

- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

Program setting

To set programs, registering Music&Video Channel program site in My Menu may be required.

1 **MENU ▶ 9 MUSIC ▶ 2 Music&Video Channel**

2 **"Program setting" ▶ Set a program according to instructions on the screen**

Playing a program

1 **MENU ▶ 9 MUSIC ▶ 2 Music&Video Channel ▶ Select a program**

The following operations are available on the player screen.

Pausing/Playing : ● [PAUSE/PLAY] **or** 📷

Adjusting volume : ⇕ **or** ▲▼

Rewinding/Fast forwarding : ⇔ (1 sec. or more)

Jumping to the beginning of chapter : 3 seconds or more in play time, ◀ **or** ▲ (1 sec. or more)

Jumping to the previous chapter : Less than 3 seconds in play time, ◀ **or** ▲ (1 sec. or more)

Jumping to the next chapter : ▶ **or** ▼ (1 sec. or more)

MUSIC Player

You can play Chaku-uta full downloaded from a site and Windows Media® Audio (WMA) files imported from music CDs, the Internet, etc. to a PC. And Uta-moji lyrics downloaded from a site can be displayed on the player screen by setting Link lyrics & song.

* For details of MUSIC Player, refer to NTT DOCOMO website. For Windows Media Player, contact the manufacturer of your PC.

Downloading Chaku-uta full

1 **Display a site ▶ Select Chaku-uta full ▶ "Save" ▶ 📷 [Save]**

Saving WMA file on a PC to microSD card

For connection to a PC, FOMA USB Cable (optional) is required.

1 **MENU ▶ 6 Lifekit ▶ 2 Ir/iC/PC connection ▶ 5 USB mode setting ▶ 3 MTP mode ▶ "Yes"**

2 **With Windows Media Player activated, connect FOMA terminal to a PC using USB cable ▶ Send WMA file from the PC**

Playing music data

1 **MENU ▶ 9 MUSIC ▶ 1 MUSIC Player ▶ 2 All music - 7 Year ▶ Select a music data**

The following operations are available on the player screen.

Pausing/Playing : ● [PAUSE/PLAY] or ⊡

Adjusting volume : ⧖ or ▲▼

Rewinding/Fast forwarding : ◐ (1 sec. or more)

Jumping to the beginning of track : 3 seconds or more in play time, ◐ or ▲ (1 sec. or more)

Jumping to the previous track : Less than 3 seconds in play time, ◐ or ▲ (1 sec. or more)

Jumping to the next track : ◑ or ▼ (1 sec. or more)

Adding to Quick playlist : Press ⊡ twice quickly

Stopping : ⊡ (1 sec. or more)

Point

- When downloading music data from Internet websites etc., check the use conditions.
- Music data saved in FOMA terminal or microSD card is allowed for personal use only. When using the music data, take extreme care not to infringe intellectual property rights of a third party such as copyrights etc.

i-αppli/i-Widget

i-αppli is a software for i-mode compatible terminals, which updates the information of stock price or weather automatically, or provides games that can be played without connecting to the network. i-Widget is a convenient function that allows you to easily access frequently-used contents and tools (Widget Appli) such as calculator, clock, memo, stock price information, etc.

Either i-αppli or i-Widget can be downloaded from i-mode site or sites provided by IPs (Information Providers). For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

- A packet communication fee may be separately required.
- When downloading or displaying i-Widget screen, etc. a packet communication fee may be separately charged.
- When i-Widget screen is displayed, multiple Widget Appli may communicate.
- A packet communication fee for overseas use differs from the one in Japan.
- DOCOMO assumes no responsibility for the information set in Osaifu-Keitai compatible i-αppli (IC card).
- If you delete stored i-αppli, you can download the software from "@Fケータイ応援団 (@F mobile phone supporters)" site.

QR code for site access

"@Fケータイ応援団 (@F mobile phone supporters)" (as of June, 2011)

iMenu ⇒ メニューリスト (Menu list) ⇒ ケータイ電話メーカー (Mobile phone manufacturer) ⇒ @Fケータイ応援団 (@F mobile phone supporters) (In Japanese only)

*The access method may be changed without previous notice.

Downloading

1 **Display a site ▶ Select i-αppli ▶ After completion of downloading, "Yes" or "No"**

Downloaded i-αppli is saved to "My folder" of Software list. When Message i-αppli is downloaded, the folders for Message i-αppli are automatically created in the folder list.

Starting i-αppli

1 **iα (1 sec. or more) ▶ Select a folder ▶ Select i-αppli**

Point

Starting Osaifu-Keitai compatible i-αppli :
MENU ▶ ✻ 1 ▶ Select i-αppli

Starting i-Widget

1 **W TV ▶ Select Widget Appli**

Playing i-motion/movie

You can obtain i-motion/movie (images, sound, etc) from sites or websites.

✣ Playable i-motion

Type	Playing action
Standard type (can be saved*)	While the i-motion data is downloaded, it is played. • The downloaded i-motion can be operated in the same way as the i-motion which is played after entire data is downloaded.
	After the entire i-motion data is downloaded, it is played.
Streaming type (cannot be saved)	While the i-motion data is downloaded, it is played. • After the i-motion data is played, it is deleted.

* Some i-motion cannot be saved.

✣ Playable movies

Type	Distribution method	Playing action
Streaming type (cannot be saved)	Real-time distribution	The movie is distributed in real time. • Pausing/Resuming play/Moving play position are unavailable.
	On-demand distribution	Distribute movies that are prepared in advance.

Downloading i-motion/Movie

1 **Select i-motion/movie while site or website is displayed**

Playback starts while data is downloaded or when the download is completed.

2 **"Save" ▶ Enter a name to display (up to 36 characters) ▶ 📷 [Save]**

For streaming type i-motion, select "Back" to return to the site screen.

Point

- Note that communication of a large amount of data, such as downloading a movie, requires high packet communication charges.

Playing moving picture/i-motion

1 **MENU ▶ 5 Data Box ▶ 4 i-motion/Movie ▶ Select a folder ▶ Select a moving picture/i-motion**

The following operations are available during playback.

Adjusting volume : ⬍ or ▲▼

Rewinding/Fast forwarding : ⬌ or ▲▼ (1 sec. or more)

Pausing/Playing/Playing from the beginning (while stopping) : ● or 📷

Stopping : 📷

Using Osaifu-Keitai

■Osaifu-Keitai

Osaifu-Keitai is equipped with IC card and allows you to pay money or to use coupon or stamp rally only by holding FOMA terminal over the IC card reader in stores etc.

And you can access site or web site by holding the FOMA terminal over IC card reader, obtain the latest coupon by using communication, credit electronic money, or check the usage. Various security systems are also equipped. For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

- The data (including electronic money, points, etc.) in the IC card may be lost or modified because of the malfunction of FOMA terminal (When we take your Osaifu-Keitai for repair etc., as we cannot take it with data remained, you are required to erase the data by yourself). For support such as reissuance, restoration, temporary preservation or transfer of data except transfer by iC transfer service, confirm with Osaifu-Keitai compatible service provider. For important data, be sure to use an Osaifu-Keitai compatible service with backup service.
- If the data in the IC card is lost, modified or damaged by any means related to Osaifu-Keitai compatible service such as malfunction or model change, DOCOMO assumes no responsibility for the loss of data.
- If FOMA terminal is stolen or misplaced, immediately contact Osaifu-Keitai compatible service provider for an advice.

■ToruCa

ToruCa is an electronic card that can be obtained from the FOMA terminal. It can conveniently be used as leaflet, restaurant card, coupon ticket, etc. You can obtain ToruCa from an IC card reader, a site, or data broadcasting. It can be exchanged via mail, infrared communication, iC communication or microSD card. For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

Steps for using Osaifu-Keitai

You can start Osaifu-Keitai compatible i-αppli to credit money or check the balance or usage. You can use the Osaifu-Keitai services compatible with Osaifu-Keitai Web plug-in from a site.

1. **Download Osaifu-Keitai compatible i-αppli as necessary**
2. **Start Osaifu-Keitai compatible i-αppli and make the initial settings of the service**
3. **Hold mark of the FOMA terminal over IC card reader**

   At this time, starting Osaifu-Keitai compatible i-αppli is not required.

Point

- If IC card is not detected successfully when you hold mark of the FOMA terminal over IC card reader, try moving the FOMA terminal back, forth and around.
- You can disable IC card functions using "IC card lock".⇒P36

i-concier

Using i-concier

i-concier is a service that Machi-chara (a character on the stand-by display) supports your life like a butler or concierge. It stores your information about area of residence, schedule, ToruCa, phonebook, etc. and offers you information that suits your living area, location, preferences and interest at the right time. It can update the schedules and ToruCa in the FOMA terminal automatically or add useful information such as shop hours, etc. to the phonebook automatically. (In Japanese only) The stored images can be shared with group of your friends, family, etc. You can print the stored images easily.

- i-concier is a charged service requiring subscription (Subscription is required subscription of i-mode).
- If you do not subscribe Data Security Service, when you subscribe i-concier, you subscribe Data Security Service, too.
- A packet communication fee is separately required to receive information except for some information.
- A packet communication fee is separately required to use detail information.
- To use i-concier overseas, International service settings require to be set. For using international roaming services, a packet communication fee is charged for both receiving and viewing detail information (it differs from the charge in Japan).
- Information fee may be additionally required for some contents besides i-concier monthly service fee.
- Automatic updating i-schedule/ToruCa/phonebook, etc. requires a packet communication fee separately.
- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

Receiving information

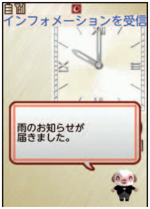
Information is sent automatically.

1 Information is received

Ⓒ lights on in the status area with light or ring alert for notification.

2 On the stand-by display, select a popup message ▶ Select a piece of information

Some pieces of information may have a schedule or ToruCa attached or contain a link to a site. To display details, select the icon.


インフォメーションを受信

雨のお知らせが
届きました。

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

<Information reception screen>

Point

Displaying detail of received information on the stand-by display : MENU ▶ # ▶ Select a piece of information

Convenient tools

Scheduler

You can manage your schedule in the FOMA terminal.

Registering schedule

1 **Ō ▶ MENU ▶ 1 New entry**

2 **Use ✥ to switch the screen and set required items ▶ 📷 [Save]**

Point

Saving quickly from the stand-by display (Quick schedule) : On the stand-by display, enter the date and time to save a schedule (for 10:00 on June 24, enter "06241000") ▶ Ō

Checking a schedule

1 **Ō ▶ Select a date ▶ Select a schedule**

Convenient tools

Alarm clock

You can set to activate 1Seg after sounding Alarm clock.

1 **Ō (1 sec. or more) ▶ Select a number ▶ ✥ to switch the screen to set required items ▶ 📷 [Set]**

Point

- In "Snooze (Snz)", set the sound intervals for 30 minutes.
- It stops or starts snooze with no operations for approximately 1 minute, by pressing a key other than ⌐, W/TV and ▼ or double-tapping when the FOMA terminal is closed.

Convenient tools

Bar code reader

You can read and use information of JAN code, QR code, NW7 code, and CODE39 code.

1 **MENU ▶ 6 Lifekit ▶ 1 Bar code reader ▶ Move the out-camera over a bar code**

When scanning is completed, a confirmation sound is heard and the scanned data appears.

Point

- When a bar code is hard to read, adjust the distance between the code and camera, angle, or direction.

Using microSD card

You can save still images, moving pictures, melodies, etc. or backup data of phonebook, schedule, etc. in microSD card.

- F-11C supports microSD card of up to 2 Gbytes, and microSDHC card of up to 16 Gbytes (as of June, 2011). For information about latest operation check results, refer to the followings. Note that information described is the result of operation confirmation and does not guarantee all operations.

From i-mode : iMenu ⇒メニューリスト (Menu list) ⇒ ケータイ電話メーカー (Mobile phone manufacturer) ⇒ @Fケータイ応援団 (@F mobile phone supporters) ⇒ メモリーカード対応情報 (Memory card support information) (In Japanese only)

QR code for site access

From PC : FMWORLD (http://www.fmworld.net/) ⇒ 携帯電話 (Mobile phone) ⇒ microSD対応状況、microSDHC対応状況 (microSD/microSDHC support information) (In Japanese only)

* The access method may be changed without previous notice.

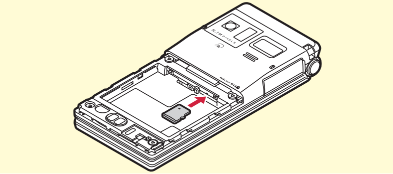
✤ Precautions on using microSD card

- The data saved from another device such as a PC may not be displayed or played in FOMA terminal. And the data saved from FOMA terminal may not be displayed or played in other device.

Installing

1 Turn FOMA terminal OFF and remove the battery pack

2 Insert the microSD card slowly into the slot with metal contacts side down (as shown below), and insert it further until it clicks



* To remove the microSD card, push it lightly to pop it out, and then pull it out.

Formatting

Format microSD card with FOMA terminal before using.

1 MENU ▶ 6 LifeKit ▶ 3 microSD ▶ 📷 [Format] ▶ "Quick format" or "Regular format" ▶ Authenticate ▶ "Yes"

Point

- Formatting microSD card deletes the data in the card.

Exchanging data between the FOMA terminal and microSD card

Copying images to microSD card

1 **MENU ▶ 5 Data Box ▶ 1 My picture ▶ Select a folder ▶ Move the cursor to data**

2 **MENU ▶ 5 Move/Copy**

3 **5 Copy to microSD ▶ Select a copying method**

4 **"Yes"**

Point

- If you select "4 Move → microSD" in Step 3, you can move data to the microSD card.
- You cannot move or copy the data that is inhibited to output from FOMA terminal.

Copying images to the FOMA terminal

1 **MENU ▶ 6 LifeKit ▶ 3 microSD ▶ 1 Multimedia ▶ 1 My Picture ▶ Select a folder ▶ Move the cursor to data**

2 **MENU ▶ 4 Move/Copy**

3 **2 Copy to phone ▶ Select copying method ▶ "Yes"**

Point

- If you select "1 Move to phone" in Step 3, you can move data to the FOMA terminal.

Backing up at once

You can back up phonebook entries, schedules, mails, notes, bookmarks, set item data all at once in the microSD card. Data is overwritten for the second-time backup or later.

1 **MENU ▶ 6 LifeKit ▶ 3 microSD ▶ 7 Backup/Restore ▶ 1 Backup to microSD**

2 **"Yes" ▶ Authenticate**

When phonebook is not saved, omit Step 3.

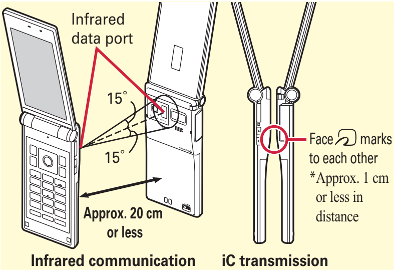
3 **"Yes" or "No"**

Point

- Some restrictions apply, such as moving pictures saved in phonebook or the part of the attachment files in excess of 100 Kbytes are not backed up.
- Select "2 Restore to phone" at the end of Step 1 to overwrite data in the FOMA terminal with data collectively backed up in the microSD card.

Infrared communication/iC transmission

You can send/receive data to/from devices such as FOMA terminal supporting infrared communication function or iC transmission function.



Point

- When sending/receiving all data items, the sender and receiver need to determine a 4-digit authentication password in advance. For infrared communication, the receiver's terminal must be ready for communication first.
- When sending/receiving all data items, the data saved in the receiver (including phonebook entries or schedules with secret attribute, protected mail, etc.) is deleted, and the newly received data is saved. However, for Send all infrared data, depending on the receiver's terminal, image, moving picture, melody, document (PDF data) or Decome-Template data is added and stored.
  Folder names or order of data may differ from the ones of sender.
- While charging, sending data by iC transmission is unavailable.

To do	Operation
Sending an item via infrared communication/ iC transmission <Example> Phonebook entry	Move a phonebook entry ▶ MENU ▶ 8 ▶ 1 or 3 ▶ "Yes"
Sending all items via infrared communication/ iC transmission	MENU ▶ 6 2 ▶ 2 or 3 ▶ Select an item to send ▶ Authenticate ▶ Enter an authentication password ▶ "Yes"
Receiving an item via infrared communication	MENU ▶ 6 2 1 1 ▶ "Yes" ▶ Send data from a sender ▶ After receiving, "Yes"
Receiving an item via iC transmission	With the stand-by display on a receiver, place ⌒ marks close to each other ▶ Send data from a sender ▶ After receiving, "Yes"
Receiving all items via infrared communication	MENU ▶ 6 2 1 2 ▶ Authenticate ▶ Enter an authentication password ▶ "Yes" ▶ Send data from a sender ▶ "Yes"
Receiving all items via iC transmission	With the stand-by display on a receiver, place ⌒ marks close to each other ▶ Send data from a sender ▶ Authenticate ▶ Enter an authentication password ▶ Place ⌒ marks close to each other ▶ "Yes"

Data Management

Connecting to a PC

You can connect the FOMA terminal to a PC to transfer WMA files or images in the microSD card. Also, accessing to the Internet for data communication is available.

- FOMA USB Cable with Charge Function 02 (optional) or FOMA USB Cable (optional) is required.
- To perform data transfer using data communication or DOCOMO keitai datalink, install FOMA communication configuration file (driver) on a PC. For details, refer to Manual for PC Connection. "FOMA communication configuration file" and "Manual for PC Connection" can be downloaded from NTT DOCOMO website.
  http://www.nttdocomo.co.jp/support/
  (In Japanese only)

USB mode

From a PC, you can operate data in a microSD card in FOMA terminal.

1 **[MENU] ▶ [6] LifeKit ▶ [2] Ir/iC/PC connection ▶ [5] USB mode setting ▶ Select a mode**

Communication mode : Set for packet communication, 64K data communication or data transfer by connecting to a PC.

microSD mode : Set for recognizing the microSD card in FOMA terminal as a drive and operating the data by PC operation.

MTP mode : Set for music data transfer to microSD card using Windows Media Player.

2 **"Yes"**

Point

- When USB mode is set to "microSD mode" or "MTP mode", installation of FOMA communication configuration file is not necessary.

DOCOMO Connection Manager

DOCOMO Connection Manager is convenient software to use DOCOMO's data communication. You can easily make a PC setting according to your subscription status and check an estimate of data communication volume or usage fees by the charge counter function.
For details, refer to NTT DOCOMO website.
http://www.nttdocomo.co.jp/support/utilization/application/service/connection_manager/
(In Japanese only)

DOCOMO keitai datalink

DOCOMO keitai datalink is a software for backing up phonebook, mail and other data in your mobile phone to a PC and editing them. It can be downloaded from NTT DOCOMO website. For details and downloading, refer to the following website.

http://datalink.nttdocomo.co.jp/ (In Japanese only)

For details including downloading procedures, data that can be transferred, operating environments, installing procedures and operations, refer to the website above. For operations after installation, see Help in the software.

Troubleshooting

Check for the necessity of software update first, and update the software if necessary. ⇒P73
When checking the following items not to improve the state, contact "Repairs" on the last page of this manual (in Japanese only) or DOCOMO-specified repair office.

✜ Power supply and charging

● FOMA terminal cannot be turned ON.

- Is the battery pack installed correctly?
- Is the battery exhausted?

● The FOMA terminal cannot be charged (the light does not turn on while charging).

- Is the battery pack installed correctly?
- Are the adapter and FOMA terminal set correctly?
- Is the AC adapter connector securely inserted to FOMA terminal or the desktop holder that came with the terminal when you use AC adapter (optional)?
- Is AC adapter's power plug or cigarette lighter plug inserted to the outlet or cigarette lighter socket correctly?
- Is the charging jack of FOMA terminal dirty when you use desktop holder? If it is dirty, clean with a dry cotton swab.
- If you call or perform communication or operate the other function for a long time while charging, the temperature of the FOMA terminal is raised and the charging light may turn off. The FOMA terminal stops charging for safety when it is in the high temperature. Wait until the temperature of the terminal drops after using and retry charging.

✜ Terminal operation

● Turning the power off or restarting automatically happens.

If the jack of battery pack is dirty, the contact may become poor and the power may shut OFF. If it is dirty, clean with a dry cotton swab.

● No operations are performed even by keypad operations.

- Have you activated All lock, Omakase Lock, Side key hold, Lock on close or Unoperated lock setting?

● The operation time provided by the battery pack is short.

- Is your terminal left for a long time under the state of out of service area? Out of service area, much power is consumed to search available radio waves.
- The operation time provided by the battery pack varies by the operating environment and battery pack's deterioration.
- The battery pack is a consumable part. Each time it is charged, time available with each charging reduces. Even the full charge state, when the operation time is too short, purchase a new battery pack of the specified type.

● The UIM is not recognized.

- Is the UIM installed in the right direction?
- Is the UIM (blue) inserted?

● FOMA terminal etc. become hot while operating/charging.

While operating or charging, or if you use i-αppli, videophone call, 1Seg watching, etc. for a long time while charging the battery, FOMA terminal, battery pack and adapter may become hot. There is no problem about safety and continue to use it.

● The clock is not on time.

The clock time may become wrong while turning on the power for a long time. Set Auto time adjust of Date and time setting to "ON" and turn the power off and on in a place with strong radio wave conditions.

✣ Calls

● Calls are not connected (Even when moving, "圏外 (out of service area)" does not disappear or although radio waves are enough, making/receiving calls is unavailable).

- Turn the power off and on, or remove and attach the battery pack or the UIM.
- Even when the signal meter on your FOMA terminal indicates there are strong radio waves, due to the type of radio waves, making/receiving calls may be unavailable. Move to call again.
- Is Specified caller, Anonymous caller, Unregistered caller, Call rejection setting or 3G/GSM setting set?
- Due to the crossing of radio waves, at the crowded public places, calls/mails are crossed and the connection status may not be good. In this case, "Please wait for a while" appears and the caller hears a busy tone. Move to other place or call again at other time.

● Calls cannot be made using the keypads.

Have you activated All lock, Omakase Lock, Self mode, Keypad dial lock, Lock on close, Unoperated lock setting or Call/Mail of Function lock under Kid-safe mode?

✣ Osaifu-Keitai

● Osaifu-Keitai function is unavailable.

- When removing the battery pack, Osaifu-Keitai functions are unavailable regardless of the IC card lock settings.
- Have you activated Omakase Lock or IC card lock?
- Do you place mark of FOMA terminal over IC card reader?

Warranty and After-Sales Service

Warranty

- FOMA terminal is provided with a written warranty. Make sure that you receive it. Check the written contents and items such as "販売店名・お買い上げ日 (Shop name/date of purchase)" and keep it in a safe place. If it does not contain the necessary information, immediately contact the shop where you bought it. The warranty is valid for a period of one year from the date of purchase.
- This product and all accessories are subject to change, in part or whole, for the sake of improvement without prior notice.

After-Sales Service

✣ When problems occur

Before requesting repair, read the section on "Troubleshooting" in this manual or in "使いかたガイド (Guide)" installed in FOMA terminal (in Japanese only). If the problem still persists, contact "Repairs" on the last page of this manual (in Japanese only).

✣ If the result of inquiries indicates that a repair is required

Take your FOMA terminal to DOCOMO-specified repair office. Be sure to check the opening hours of the office before you go. Note that, repair may take longer time depending on the state of damage.

In the warranty period

- FOMA terminal is repaired at no charge subject to the conditions of the warranty.
- The warranty must be presented to receive warranty service. The subscriber is charged for the repair of items not covered in the warranty or repairs of defects resulting from misuse (damage of the display/connector, etc.), accident, neglect, etc. even during the warranty period.
- The subscriber is charged even during the warranty period for the repair of failures caused by the use of devices or consumable items that are not DOCOMO-specified.

Repairs may not be possible in the following cases.

- When judged as malfunction due to moisture at the repair office (e.g. when detected in a moisture seal reaction)
- When corrosion due to moisture, condensation, perspiration, etc. is detected, or if any of the internal boards are damaged or deformed (repairs may not be possible if external connection jack (earphone/microphone jack) or display is damaged, or the terminal outer case is lifted)

* Even in case that a repair is possible, since those conditions are outside the range of the warranty, a repair is charged.

After expiration of the warranty

All repairs that are requested are charged.

Replacement parts

Replacement parts (parts required to maintain the product functions) are basically kept in stock for at least 6 years after termination of production. However, repair may not be possible due to lack of repair parts etc.

✣ Notes

- Do not modify FOMA terminal or its accessories.
  - Repair may be refused depending on the nature of modification. The following cases may be regarded as modifications.
    - A sticker etc. is put on the display or keypad part
    - FOMA terminal is embellished with adhesive material etc.
    - Exteriors are replaced with other than DOCOMO's genuine parts
  - Repair of failures or damage caused by modification is charged even during the warranty period.
- Do not remove any inscription stickers attached to FOMA terminal.
  If confirmation of the inscription sticker's content is impossible, determination of whether specific technical standards are satisfied cannot be made. Therefore, repair may be refused.
- Some function settings may be cleared (reset) by malfunctions, repair or other handling of the FOMA terminal. Should that happen, set up the functions again.
- Magnetic components are used in the earpiece, speaker, etc. of FOMA terminal. Do not allow cash cards or other devices that are vulnerable to magnetism to come into contact with the phone.
- This FOMA terminal is waterproof. However, if inside of the terminal gets wet or moist, turn the power off, remove the battery pack immediately, and bring the terminal to a repair office as soon as possible. Repairs may not be possible depending on the condition of FOMA terminal.

Support

i-mode fault diagnosis site

Using your FOMA terminal, you can check whether sending/receiving of messages and downloading of images and melodies are normally performed. When FOMA terminal is assumed to have malfunctions as the result of the diagnosis, contact "Repairs" on the last page of this manual (in Japanese only).

Accessing to "ｉモード故障診断サイト (i-mode fault diagnosis site)"

i-mode site : iMenu⇒お知らせ (Notice)⇒サポート情報 (Support information)⇒お問い合わせ (Inquiries)⇒故障・電波状況お問い合わせ先 (Checking malfunction/radio wave condition)⇒ｉモード故障診断 (i-mode fault diagnosis site) (In Japanese only)

QR code for site access

- The access method may be changed without previous notice.
- For using overseas, charge will be applied.

Updating software

This function allows you to connect the network and check if software in the FOMA terminal needs to be updated, if software update is necessary, download a part of software using packet communication and update the software.

When software update is required, information is posted in "お客様サポート (user support)" on NTT DOCOMO website or iMenu (in Japanese only).

Software may be updated in 3 methods: "Auto-update", "Immediate update" and "Reserved update".

* Software update can be done even when various data, such as a phonebook registered in FOMA terminal, camera images, downloaded data, are remaining; note that data protection sometimes cannot be secured according to the conditions of your FOMA terminal (such as malfunction, damage, or water leak). DOCOMO recommends backing up necessary data. However some data such as downloaded data may not be backed up.

✤ When updating software

- Do not remove the battery pack while updating software. The update may fail.
- Software update should be done with battery fully charged.
- Software update (downloading or rewriting) may take time.
- Making/Receiving calls, communications functions and other functions are disabled during software update (Only incoming voice calls can be answered while downloading.).
- It is recommended that software update be executed in good radio wave conditions with three bars of the antenna icon displayed and the terminal not moved. If radio wave conditions become weaker during software download or the download is stopped, retry software update in a place with strong radio wave conditions.
- When updating software, your private information concerning FOMA terminal (model, serial number, etc.) is automatically sent to the server (the server for software update managed by DOCOMO). DOCOMO does not use the sent information for purposes except software update.
- When software update has failed, "Rewrite failed" appears and all operation becomes unavailable. In that case, please bring the FOMA terminal to DOCOMO-specified repair office.

Updating

Select (update notification icon) on the stand-by display, or select a menu item.

<Example> Selecting the notification icon to start

1 **[●] ▶ Select (update notification icon) ▶ "Yes" ▶ Authenticate**

2 **The check result appears.**

When update is necessary, "Update is needed." appears. Select "Now update" or "Reserve".

<Example> Starting from the menu

1 **[MENU] ▶ [8] Settings & NWservices ▶ [7] Clock & Other ▶ [3] Software update ▶ Authenticate ▶ "Update"**

Scanning function (Security Scan)

For the data or programs that are imported to FOMA terminal, this function detects data and deletes data or inhibits activation of applications that may cause troubles.

- The Scanning function provides a certain countermeasure against invasion of data which causes some trouble in the mobile phone, when viewing website, receiving messages, etc. Note that, if pattern definition corresponding to specific troubles has not been downloaded to the mobile phone or such pattern definition does not exist, this function cannot prevent those troubles from occurring.

● **Updating pattern definitions**

Update pattern definition first, then keep the pattern definition up-to-date.

Set auto-update

You can set FOMA terminal so that pattern definitions can be automatically updated.

1 MENU ▶ 8 **Settings & NWservices** ▶ 4 **Security & Locks** ▶ 8 **Scanning function** ▶ 2 **Set auto-update** ▶ **"Enable"** ▶ **"Yes"** ▶ **"Yes"** ▶ **"OK"**

When the Auto-updating pattern definitions is executed, ✓ or ✗ appears on the stand-by display.

Scan result

Warning level	Actions
[0] Operation may not run properly.	**"OK"** : Continue processing of the started application
[1] Operation may not run properly. Cancel operation?	**"Yes"** : Stop processing of the application that may cause troubles **"No"** : Continue processing of the started application
[2] Operation may not run properly. Canceling operation.	**"OK"** : Stop processing of the application that may cause troubles
[3] Operation may not run properly. Delete data?	**"Yes"** : Delete data that may cause troubles **"No"** : Stop processing of the application that may cause troubles
[4] Operation may not run properly. Deleting data.	**"OK"** : Delete data that may cause troubles

* Selecting "Detail" on each screen displays a list of names of the detected problem elements. When 6 or more problem elements have been detected, the names of the 6th and subsequent problem names are omitted.

Options and related devices

Combining FOMA terminal with optional accessories supports a wide variety of uses from personal use to business use. Some products are unavailable depending on the area.
For details, contact a sales outlet such as docomo Shop. For details about the optional devices, refer to the instruction manual for each device.

- FOMA AC Adapter 01/02[*1]
- FOMA DC Adapter 01/02
- FOMA Dry Battery Adapter 01
- In-Car Hands-Free Kit 01[*2]
- FOMA In-Car Hands-Free Cable 01
- Battery Pack F19
- In-Car Holder 01
- Desktop Holder F33
- Back Cover F62
- Carry Case L 01
- Carry Case 02
- FOMA USB Cable[*3]
- FOMA USB Cable with Charge Function 02[*3]
- FOMA Portable Charging Adapter 01/02/03
- Flat-plug Earphone/Microphone with Switch P01[*4]/P02[*4]
- Flat-plug Stereo Earphone Set P01[*4]
- Earphone Plug Adapter 01
- Earphone Plug Adapter P001[*4]
- Earphone/Microphone with Switch P001[*5]/ P002[*5]
- Stereo Earphone Set P001[*5]
- Earphone/Microphone 01
- Stereo Earphone Set 01
- Remote controller with microphone F01[*4]
- Earphone Terminal P001[*5]
- Earphone Plug Adapter for External connector terminal 01
- FOMA AC Adapter 01 for Global use[*1]
- FOMA Indoor Booster Antenna[*6]
- FOMA Indoor Booster Antenna (Stand Type)[*6]
- Bone conduction microphone/receiver 01[*4]
- FOMA eco Solar Panel 01

[*1] When using FOMA terminal overseas, use the adapter plug that is suitable for use in your travel destination. Also, do not charge the battery with a transformer for overseas travel.

[*2] FOMA In-Car Hands-Free Cable 01 is required to use or charge F-11C.

[*3] If you use USB HUB, operations may not be performed correctly.

[*4] Earphone Plug Adapter for External connector terminal 01 is required to connect to F-11C.

[*5] Earphone Plug Adapter for External connector terminal 01 and Earphone Plug Adapter P001 are required to connect to F-11C.

[*6] Use this only in Japan.

Menu list

- Menu list for the case Select startup menu is set to "Basic menu" is described.
- Menus indicated in red can be restored to the default by executing Reset (including the menu whose partial sub content menu will be reset to the default).

■Mail

Inbox	
Compose message	
Compose Decome-Anime	
Unsent messages	
Outbox	
Check new message	
SMS/Area Mail	SMS
	Early warning "Area Mail" setting
Receive option	
Mail settings	Alert settings
	Sort method
	Signature
	Reply setting
	Auto-reply
	Mail group
	Blog/SNS setting
	Display settings
	Auto save setting when editing
	Check msg. option
Template	Decome
	Decome-Anime

■i-mode

iMenu Search	
Bookmark	
Screen memo	
Last URL	
Enter URL	Enter URL
	URL enter history
i-Channel	i-Channel list
	i-Channel setting
	Reset i-Channel
i-mode settings	i-modeBrowserSetting
	FullBrowser Setting
	Common Setting
	Check i-mode setting
	Reset i-mode setting
Access shortcuts	
RSS reader	
Full Browser Home	
Search engine	

■i-αppli

Software list
i-αppli call log

i-αppli settings	Sort software
	Auto-start
	Software info disp.
	Display light time
	Brightness
	Vibrate effect
	Sound effect volume
	i-Widget settings
	i-αppli call DL set
Display history	
i-αppli shortcuts	

■Phonebook & Logs

Phonebook	
Phonebook new entry	
Add group	
Phonebook(UIM) new entry	
Received calls	
Redial	
Record msg.&Voice memo	Record message
	Recorded messages
	Record voice memo
	Voice memos
Mail logs	Sent msg. log
	Received msg. log
User information	

■Data Box

My Picture	
MUSIC	
Music&Video Channel	
i-motion/Movie	
Melody	
My Document	
Kisekae Tool	
Machi-chara	
Chara-den	
My collection	
1Seg	

■LifeKit

Bar code reader	
Ir/iC/PC connection	Receive Ir data
	Send all Ir data
	Send all via iC
	Data exchange settings
	USB mode setting
microSD	
Camera	Still camera
	Movie camera
Sound recorder	
Data Security	Data check/How to update etc.
	Exchanging history
	Send img in Phonebook
	Backup phonebooks etc./ Update
	Backup settings/Update
	Backup images
Map	Show map
	Map appli
	Select Map
Pedometer/ACT monitor	Steps/Activity/Calories info
	Set Pedometer/Activity monitor

1Seg	Activate 1Seg
	Program guide
	1Seg image/video
	Set/Timer list
	Recording result
	TVlink
	Channel list
	User setting
Guide	
Business card reader	

Accessory

Scheduler	
Notepad	
Alarm clock	
Calculator	
Dictionaries	Jpn Dic (Gakken Mobile Jpn Dic)
	JE Dic (Gakken Mobile JE Dic)
	EJ Dic (Gakken Mobile EJ Dic)
	Today's trivia
	Today in history
Countdown timer	
High-pitched alarm	
Fake call	Activate
	Alert&Time settings

Settings & NWservices

Alerts & Sounds	Ring alerts & Sounds
	Adjust volume
	Vibrate alert/effect
	Silent mode
	Ring alert delay
	Stereo sound effect
	BGM play
Display	Stand-by display
	Menu preference
	Color & Action image
	Display & Key light
	Light alert
	Font & Language
	Display Machi-chara
	eco mode
	Auto light on
	Privacy view level
Kisekae/Themes	Kisekae Tool
	Style theme
	Timed theme
	Manner support detect
Security & Locks	Locks
	Privacy mode
	Security indicator
	Kid-safe mode
	Receive display option
	UIM
	Code & Fingerprint
	Scanning function
	Password manager
	microSD password setting

Call & Answer	Sound & Image
	Anonymous caller
	Any key answer
	Headset
	Reject/Accept call
	Make/Receive call
	Call session
	Self mode
Videophone	V.phone dialing img.
	Videophone alert
	Operation
	Data session arv. act
	Image setting
	External device
	Notify switchable mode
Clock & Other	Clock
	Text input
	Software update
	Info & Reset
	Side key shortcut
	Motion sensor
	Femtocell setting
	Phone refresh
NW Services	Voice Mail
	Call waiting/forward
	Caller ID
	OFFICEED
	2in1 setting
	Melody Call
	Other
	Overseas network search
	Overseas setting
	Overseas service

■MUSIC

MUSIC Player

Music&Video Channel

■Osaifu-Keitai

IC card content	
DCMX	
ToruCa content	
IC card settings	Lock/Unlock
	Lock preference
	Timed lock
	Programed activation
	IC lock(power-off)
ToruCa setting	ToruCa alert
	ToruCa from IC card
	ToruCa auto-read
	ToruCa sort rule
	ToruCa from 1Seg
Check IC owner	
Change IC owner	
Search by i-mode	

■User information

User information

■i-concier

i-concier

Main specifications

■Phone

Product name		F-11C
Size		Approx. 111 mm (H)×51 mm (W)×12.8 mm (T) (Thickest part : Approx. 16.6 mm)
Weight		Approx. 119 g (with battery)
Continuous stand-by time[*1, 2, 3]	**FOMA/3G**	Stationary (Auto) : Approx. 570 H Moving (Auto) : Approx. 360 H Moving (3G static) : Approx. 380 H
	GSM	Stationary (Auto) : Approx. 300 H
Continuous call time[*2, 3, 4]	**FOMA/3G**	Voice call : Approx. 230 min. Videophone call : Approx. 140 min.
	GSM	Approx. 330 min.
1Seg watching time[*2, 5]		Approx. 340 min. (1Seg eco mode : Approx. 430 min.)
Charging time[*6]		AC adapter : Approx. 140 min. DC adapter : Approx. 140 min.
Display	**Type**	Display : TFT 262,144 colors Sub-display : Mono-color organic EL
	Size	Display : Approx. 3.3 inches Sub-display : Approx. 0.8 inches
	Number of pixels	Display : 409,920 pixels (480 dots×854 dots) Sub-display : 3,744 pixels (39 dots×96 dots)
Image pickup device	**Type**	CMOS
	Size	1/4.0 inches
	Number of effective pixels	Approx. 5,100,000 pixels
Camera section	**Number of recording pixels (Max.)**	Approx. 5,000,000 pixels
	Zoom (digital)	Up to 16.0 x
Recording section	**Number of savable still images**[*7]	Up to approx. 1,300 images (default)
	Continuous shooting of still images	2 - 9
	File format for still image	JPEG
	Moving picture shooting time[*8]	Up to approx. 11 min. (save to phone/default) Up to approx. 180 min. (save to 2GB microSD card)
	Moving picture file format	MP4
	1Seg recording time	Up to approx. 20 min. (save to phone/default) Up to approx. 640 min. (save to 2GB microSD card)
Playing music	**Continuous play time**	i-motion : Approx. 1,106 min.[*9] Chaku-uta full : Approx. 4,499 min.[*9, 10] WMA file : Approx. 4,120 min.[*10] Music&Video Channel (sound) : Approx. 4,499 min.[*10] Music&Video Channel (moving picture) : Approx. 403 min.
Recording size	**Chaku-uta/ Chaku-uta full**	Approx. 67 MB

*1 Continuous stand-by time indicates the estimated time when FOMA terminal is closed and able to receive radio waves normally. Stationary continuous stand-by time indicates the average utilization time FOMA terminal is closed and able to receive radio waves normally remains stationary. Moving continuous stand-by time indicates the average utilization time when FOMA terminal is closed and able to receive radio waves normally with a combination of "stationary", "moving", and "out of service area" status.

*2 Call, communication or stand-by time may be reduced to about half, or 1Seg watching time may be reduced due to battery pack charging condition, function settings, operating environment such as ambient temperature, radio wave conditions in the area of use (the radio waves are weak or absent), etc.

*3 Even without making calls or i-mode communications, the call, communication or stand-by times are reduced by frequently using camera, 1Seg, i-αppli, etc.

*4 Continuous call time indicates the approximate time that the phone can send or receive radio waves normally.

*5 1Seg watching time indicates the approximate watching time with receiving radio waves normally and using Stereo Earphone Set 01 (optional).

*6 Charging time indicates the estimated time for charging an empty battery with FOMA terminal turned OFF. Charging with FOMA terminal turned ON or charging in lower temperature requires longer time.

*7 The number of savable still images is based on "QVGA(240×320)" in Image size, "Standard" in Quality and 25 Kbytes in file size.

*8 The moving picture shooting time means allowable time for one movie. The number is based on "VGA(640×480)" in Image size and "STD(Standard)" in Quality:Movie camera. Varies depending on the moving picture to be recorded.

*9 AAC format files.

*10 Background playing is available.

■Battery Pack

Quality	Battery Pack F19
Battery used	Li-ion battery
Nominal voltage	3.7V
Nominal capacity	820mAh

Savable/Recordable/Protectable number

Type		**Savable/ Recordable number**	**Protectable number**
Phonebook[*1]		Up to 1000	—
UIM phonebook		Up to 50	—
Kisekae Tool[*1]		Up to 50	—
Mail[*1, 2]	**Received messages**	Up to 2,500	Up to 1250
	Sent messages	Up to 500	Up to 250
	Unsent messages	Up to 200	Up to 100
Area Mail		Up to 30	Up to 15
Bookmark[*3]		Up to 200	—
Screen memo[*1, 3]		Up to 100	Up to 100
Music[*1]	**Chaku-uta full**	Up to 100	—
	Uta-moji Lyrics	Up to 100	—
i-αppli[*1, 4]		Up to 100	—
Images[*1]		Up to 3,000	—
Moving picture/i-motion[*1]		Up to 200	—
Melodies[*1]		Up to 500	—
Video recorded in 1Seg [*1]		Up to 10	—
Scheduler[*1, 5]		Up to 2,600	—
Notepad		Up to 50	—

*1 Depending on the size of data or usage status of common memory space, the actual number of items that can be saved and recorded may be fewer.

*2 The total number of i-mode mail and SMS.

*3 The total number of i-mode and Full Browser.

*4 Total number of i-αppli and Message i-αppli. Up to 5 items of Message i-αppli can be saved.

*5 Total number of schedules, schedules in i-schedule and watching/recording reservation of 1Seg. Up to 100 items of watching/recording reservation of 1Seg in total can be saved.

Specific Absorption Rate (SAR) of Mobile Phones

This model F-11C mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

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

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.657 W/kg. There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

The actual SAR of this mobile phone while operating can be well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device.

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

The World Health Organization has stated that present scientific information does not indicate that there are harmful effects attributed to the use of mobile devices. They recommend that if you are worried about your exposure then you can limit your usage or simply use a hands-free kit to keep the mobile device away from the head and body.

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

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

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

Ministry of Internal Affairs and Communications Website:
http://www.tele.soumu.go.jp/e/sys/ele/index.htm

Association of Radio Industries and Businesses Website: http://www.arib-emf.org/index02.html (in Japanese only)

NTT DOCOMO, INC. Website: http://www.nttdocomo.co.jp/english/product/sar/

FUJITSU LIMITED Website: http://www.fmworld.net/product/phone/sar/

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

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

Declaration of Conformity

The product "F-11C" is declared to conform with the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1(a), 3.1(b) and 3.2. The Declaration of Conformity can be found on http://www.fmworld.net/product/phone/doc/.

This mobile phone complies with the EU requirements for exposure to radio waves.

Your mobile phone is a radio transceiver, designed and manufactured not to exceed the SAR* limits** for exposure to radio-frequency(RF) energy, which SAR* value, when tested for compliance against the standard was 1.140W/kg. While there may be differences between the SAR* levels of various phones and at various positions, they all meet*** the EU requirements for RF exposure.

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* The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR.

** The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/Kg) averaged over ten grams of tissue, recommended by The Council of the European Union. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

*** Tests for SAR have been conducted using standard operation positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

Federal Communications Commission (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 made in or to the radio phone, not expressly approved by the manufacturer, will void the user's authority to operate the equipment.

FCC RF Exposure Information

This model phone meets the U.S. Government's requirements for exposure to radio waves.

This model phone contains a radio transmitter and receiver. This model phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy as set by the FCC of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions as accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output level of the phone.

Before a phone model is available for sale to the public, it must be tested and certified to prove to the FCC that it does not exceed the limit established by the U.S. government-adopted requirement for safe exposure. The tests are performed on position and locations (for example, at the ear and worn on the body) as required by FCC for each model. The highest SAR value for this model phone as reported to the FCC, when tested for use at the ear, is 1.450W/kg, and when worn on the body, is 0.455W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements).

While there may be differences between the SAR levels of various phones and at various positions, they all meet the U.S. government requirements.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Equipment Authorization Search section at http://www.fcc.gov/oet/ea/fccid/ (please search on FCC ID VQK-F11C).

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and which positions the handset at a minimum distance of 1.5 cm from the body.

* In the United States, the SAR limit for wireless mobile phones used by the general public is 1.6 Watts/kg (W/kg), averaged over one gram of tissue. SAR values may vary depending upon national reporting requirements and the network band.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important Safety Information

AIRCRAFT

Switch off your wireless device when boarding an aircraft or whenever you are instructed to do so by airline staff. If your device offers flight mode or similar feature consult airline staff as to whether it can be used on board.

DRIVING

Full attention should be given to driving at all times and local laws and regulations restricting the use of wireless devices while driving must be observed.

HOSPITALS

Mobile phones should be switched off wherever you are requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

PETROL STATIONS

Obey all posted signs with respect to the use of wireless devices or other radio equipment in locations with flammable material and chemicals. Switch off your wireless device whenever you are instructed to do so by authorized staff.

INTERFERENCE

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pace maker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and does not carry it in a breast pocket.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

For other Medical Devices :

Please consult your physician and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

Appendix

Export Administration Regulations

This product and its accessories may be under coverage of the Export Administration Regulations of Japan ("Foreign Exchange and Foreign Trade Control Laws" and the related laws and regulations). When exporting this product and its accessories, take necessary procedures on your responsibility and expense. For details, contact Ministry of Economy, Trade and Industry of Japan.

Intellectual Property Right

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Except for the case protected by copyright laws such as personal use, use of FOMA terminal to reproduce, alter, or publicly transmit recorded pictures or sounds, or copyrighted text, images, music or software downloaded from websites without the copyright holder's authorization is prohibited.
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Avoid taking pictures of others with FOMA terminal without their consent or disclosing recorded pictures of others without their consent to general public through Internet websites etc., because they may infringe on portrait rights.

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  - Windows XP indicates the Microsoft® Windows® XP Professional operating system or Microsoft® Windows® XP Home Edition operating system.
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- ATOK＋APOT of JustSystems Corporation is installed in this product as Japanese character conversion function.

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Others

- This product contains a module developed by the Independent JPEG Group.
- FeliCa is a contactless IC card technology developed by Sony Corporation.
- This product is equipped with the technologies of GestureTek, Inc.
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- This product is licensed based on MPEG-4 Visual Patent Portfolio License. The use of MPEG-4 Video Codec function is allowed for personal and nonprofit use only in the cases below.
  - Recording moving pictures and i-motion that conform to MPEG-4 Visual Standard (hereinafter referred to as MPEG-4 Video)
  - Playing MPEG-4 Videos recorded personally by consumers not engaged in profit activities
  - Playing MPEG-4 Video supplied from the provider licensed from MPEG-LA
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- The HMM-Based Speech Synthesis Engine embedded in this product uses the Simplified BSD License.

  The HMM-Based Speech Synthesis System (HTS)
  hts_engine API developed by HTS Working Group
  http://hts-engine.sourceforge.net/

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Index

Please ask checking/changing subscription detail, application of various services and request of various information materials online.

From i-mode **iMenu ⇒ お客様サポート (Support) ⇒ お申込・お手続き (Application/Procedures) ⇒ 各種お申込・お手続き (Various application/Procedures)**

No packet communication charges ＊ In Japanese only

From PCs **My docomo (http://www.mydocomo.com/) ⇒ 各種お申込・お手続き (Various application/Procedures)** ＊ In Japanese only

＊ You need your "Network security code" to use the site from i-mode.
＊ No packet communication charge applies to access the site from i-mode. Packet communication charge applies to access from overseas.
＊ You need "docomo ID/Password" to access the site from your PC.
＊ If you do not have or forget "Network security code" or "docomo ID/Password", contact to the numbers for "General Inquiries" on the last page of this manual.
＊ You may not use the services depending on your subscription.
＊ There are cases where the site may not be available to system maintenance, etc.

Using mobile phone with your manners!

When using your mobile phone in a public place, don’t forget to show common courtesy and consideration for others around you.

Always turn OFF your FOMA terminal in cases below

■ In a place where use of mobile phones is prohibited

・Always turn OFF your FOMA terminal in an aircraft or hospital.

Always set Public mode in cases below

■ When driving

・Using a mobile phone by holding it with the hand while driving is subject to penalty.

■ In public places such as a theater, movie theater or art museum

Consider privacy

Please be considerate of the privacy of individuals around you when taking and sending photos using camera-equipped mobile phones.

DOCOMO’s environmental effort

Fewer pages in the instruction manual

In Japanese version, instruction manual covers instructions only for basic functions to reduce pages and paper usage.
For frequently-used functions and their details, see 使いかたガイド (Guide) (installed in this FOMA terminal, in Japanese only) or visit NTT DOCOMO website.

Recycle of mobile phones

To protect environment and recycle the precious resources, mobile phone and PHS enterprises collect phones, batteries and chargers, regardless of brands and manufacturers, at shops labeled with the mark shown to the left. Bring these devices to your nearest docomo Shop.

General Inquiries <docomo Information Center>

0120-005-250 (toll free)

* Service available in: English, Portuguese, Chinese, Spanish, Korean.
* Unavailable from part of IP phones.

(Business hours : 9:00 a.m. to 8:00 p.m.)

■ **From DOCOMO mobile phones (In Japanese only)**

(No prefix) 151 (toll free)

* Unavailable from land-line phones, etc.

■ **From land-line phones (In Japanese only)**

0120-800-000 (toll free)

* Unavailable from part of IP phones.

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

Repairs

■ **From DOCOMO mobile phones (In Japanese only)**

(No prefix) 113 (toll free)

* Unavailable from land-line phones, etc.

■ **From land-line phones (In Japanese only)**

0120-800-000 (toll free)

* Unavailable from part of IP phones.

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

- ● 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/
▶ 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 of 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 **-81-3-6832-6600* (toll free)**

* You are charged a call fee to Japan when calling from a land-line phone, etc.
※ If you use F-11C, you should dial the number +81-3-6832-6600 (to enter '+', press and hold the '0' key for at least one second).

■ **From land-line phones <Universal number>**

Universal number international prefix **-8000120-0151***

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

Failures encountered overseas <Network Support and Operation Center>

(available 24 hours a day)

■ **From DOCOMO mobile phones**

International call access code for the country you stay **-81-3-6718-1414* (toll free)**

* You are charged a call fee to Japan when calling from a land-line phone, etc.
※ If you use F-11C, 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>**

Universal number international prefix **-8005931-8600***

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

- ● **If you lose your 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.

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

Sales: NTT DOCOMO, INC.
Manufacturer: FUJITSU LIMITED

2011.5 (1st Edition)
CA92002-6527

Manual for PC Connection

About Manual for PC Connection

This manual describes about data communications using the FOMA terminal and how to install "FOMA communication configuration file" and "DOCOMO Connection Manager".

Depending on the environment of your PC, some of operation procedures and/or screens may be different.

- This manual takes FOMA F-09C as an example, for illustrations and screen shots.
- Driver name and modem name are described as "F09C", which vary by model.
- In this manual, the description takes the case of FOMA USB Cable with Charge Function 02 (optional) for example. Actually USB Cable F01 is required for some models.
- Illustrations used in this manual are examples. The actual shape, etc. may vary by model.
- Description of Bluetooth and Wi-Fi connection is only for compatible models.

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Data Communication

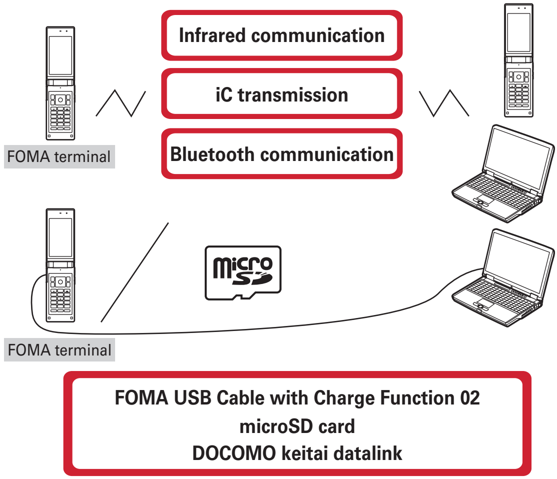
There are 3 communication modes available by connecting FOMA terminal and a PC : data transfer (OBEX™ communication), packet communication and 64K data communication.

- To make packet communications or 64K data communications or edit data such as the phonebook using a PC connected, downloading the software from NTT DOCOMO website, installation and various settings are required.
- When performing packet communication overseas, use IP connection (packet communication is unavailable with PPP connection). 64K data communication cannot be used overseas.
- FOMA terminal does not support FAX communication or Remote Wakeup.
- Data communication can be performed connecting with DOCOMO's PDA like sigmarion III. However, FOMA terminal does not support high-speed communication compatible with HIGH-SPEED area.

❖ Data transfer (OBEX™ communication)

You can send and receive data such as image, music, phonebook or mail etc. to/from other FOMA terminals or PCs etc.

- Transferable data varies depending on transfer method. For data that can be transferred by each transfer method, see "Instruction manual (detailed version) (in Japanese only)" (in pdf format) of the FOMA terminal.



❖ Packet communication

You can connect to the Internet and perform data communication (packet communication).
Packet communication charges are based on the amount of data sent and received, which makes it suitable for high-speed exchange of comparatively small amounts of data as in sending and receiving mail. No communication charges are required when no data are exchanged even if you are connected to the network. Therefore, sending/receiving data as needed while remaining connected to the network is possible.
High-speed packet communication can be performed at a maximum reception speed of 7.2Mbps and a maximum transmission speed of 5.7Mbps or 384kbps by using access points that support FOMA packet communication such as mopera U of DOCOMO's Internet connection service. Best effort method which the actual communication speed varies with the environment and the rate of congestion offers.
Note that communications of large-size data such as viewing websites containing images and downloading will require high charges.

* The communication speed may be slower when connecting out of FOMA HIGH-SPEED area, connecting to access points incompatible with HIGH-SPEED, or using devices incompatible with HIGH-SPEED such as DOCOMO's PDA; sigmarion III.

* For Bluetooth connection, though the communication speed of FOMA terminal is equal to HIGH-SPEED, communication may not be performed by maximum speed because the communication speed between Bluetooth devices has limits.

* Maximum speed of reception 7.2Mbps and transmission 5.7Mbps or 384kbps are the values in technical standards, thus they are not indicated actual communication speed. Actual communication speed varies by the network congestion or environment of communication.

❖ 64K data communication

You can connect to the Internet and perform 64K data communication.
Communication charges are based on the duration of the connection to the network regardless of the volume of data, which makes it suitable for sending and receiving relatively large amounts of data as in downloading multi-media contents.
Access points that support FOMA 64K data communication services such as mopera U of DOCOMO's Internet connection service or ISDN synchronized 64K access points can be used.
Please be careful that a high cost will be charged for long-time communications.

Before use

◆Operating environment

The operation environment for using data communication is as shown below. They may vary depending on the PC system configurations.

Item	Requirements
Computer	PC/AT compatible computer For USB cable connection : USB port (conform to USB specification 1.1/2.0) For Bluetooth connection : Compatible with up to Bluetooth Standard Ver. 2.1 + EDR (dialup networking profiles) supporting dialup networking profile For Wi-Fi connection : Compatible with Wireless LAN Standard IEEE 802.11b or IEEE 802.11g Recommended 800×600 dots or more in display resolution and High Color 16 bits or more (1,024×600 dots or more (Recommended 1,024 ×768 dots or more))*
OS (Japanese version)	Windows XP, Windows Vista, Windows 7
Memory requirements	Windows XP : 128MB or more Windows Vista : 512MB or more Windows 7 : 1GB or more for 32-bit, 2GB or more for 64-bit
Hard disk capacity	5MB (10MB*) or more free disk space
Web browser*	Internet Explorer 6.0 or more
Mailer software*	Windows Mail and Outlook Express 6.0

* For operating environment of using DOCOMO Connection Manager.

- For the latest information about operating environment, refer to NTT DOCOMO website.
- DOCOMO will not guarantee operations on upgraded OS or added/changed operating environment.
- Note that utilization may not be possible in certain operating environments. DOCOMO assumes no responsibility for pertaining to operation under conditions other than that described above.

◆Devices required

For USB cable connection, the following devices and software are required in addition to FOMA terminal and a PC.

- FOMA USB Cable with Charge Function 02 (optional) or FOMA USB Cable (optional)
- For some models, USB cable F01 is required.
- FOMA communication configuration file (driver)*

* Download from NTT DOCOMO website.

✓INFORMATION

- USB cable for PC is not available because the connector type is different.
- When using USB HUB, it may not operate properly.

◆Usage precautions

❖ Internet service provider usage charges

When using the Internet on a PC, usage charge to your Internet service provider (hereinafter referred to as Provider) is required. This charge is paid directly to the Provider, and is separated from the FOMA service charge. For details, contact your Provider.

- DOCOMO's Internet connection service mopera U is available. mopera U is a charged service requiring subscription.

❖ Dialup connection (Provider etc.)

Different dialup connections are required for packet communication and 64K data communication. When performing packet communication, use the dialup connection for packet communication. When performing 64K data communication, use the dialup connection for FOMA 64K data communication or ISDN synchronized 64K data communication.

- Connections to DoPa access points are unavailable.
- For service and connection/settings of mopera, refer to mopera website.
  http://www.mopera.net/mopera/index.html

❖ User authentication

Some dialup connections require user authentication before a connection can be established. If user authentication is required, you must use your communication software or dialup network to enter your ID and password and connect. Your ID and password will be assigned by the network administrator of the connection destination such as your provider or corporate LAN. For details, contact your provider or network administrator.

❖ Access authentication during using PC browser

If FirstPass (user certificate) is required for the access authentication while using PC browser, use FirstPass PC software. Download FirstPass PC software from NTT DOCOMO website, install, and make required settings. For details, refer to DOCOMO website.

❖ Conditions of packet communication and 64K data communication

To perform data communication in Japan, the following conditions must be satisfied.

- You must be within the FOMA service area.
- Packet communication requires an access point that supports FOMA packet communications.
- 64K data communication requires a dialup connection that supports FOMA 64K data communications or ISDN synchronized 64K.
- For Bluetooth connection, a PC requires compatible with up to Bluetooth Standard Ver. 2.1 + EDR (dialup networking profiles) supporting dialup networking profile.
- Wi-Fi connection requires a PC compatible with Wireless LAN Standard IEEE 802.11b or IEEE 802.11g.

* Note that even when the above requirements are satisfied, you may not be able to perform data communication if base station traffic is heavy or the radio wave conditions are poor.

◆Introduction of DOCOMO keitai datalink

DOCOMO keitai datalink is software to back up and edit your phone information such as phonebook and mail. It is provided on NTT DOCOMO website. For details and download of this software, refer to the following website.
http://datalink.nttdocomo.co.jp/

- To use DOCOMO keitai datalink, installing FOMA communication configuration file (driver) in advance is required.
- For details of downloading procedure, data that can be transferred, operating environments, installing procedure, operation procedure, etc., refer to the website above. For operations after installation, see Help in the software.
- To use DOCOMO keitai datalink, USB cable is required.

Flow of setup for data transfer (OBEX™ communication)

When using USB Cable, install FOMA communication configuration file (driver) in advance.

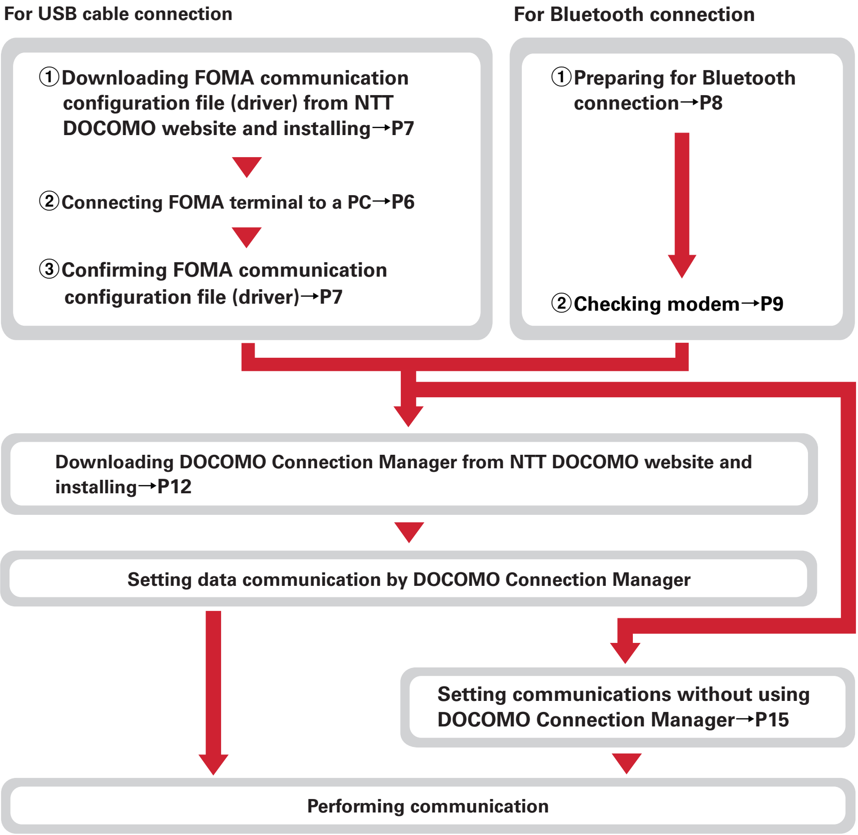
Downloading FOMA communication configuration file (driver) from NTT DOCOMO website and installing

▼

Data transfer

Flow of setup for data communication

This section describes the setup work for performing packet communication or 64K data communication.



For USB cable connection

①Downloading FOMA communication configuration file (driver) from NTT DOCOMO website and installing→P7

②Connecting FOMA terminal to a PC→P6

③Confirming FOMA communication configuration file (driver)→P7

For Bluetooth connection

①Preparing for Bluetooth connection→P8

②Checking modem→P9

Downloading DOCOMO Connection Manager from NTT DOCOMO website and installing→P12

Setting data communication by DOCOMO Connection Manager

Setting communications without using DOCOMO Connection Manager→P15

Performing communication

Wi-Fi connection (packet communication only)

Setting the FOMA terminal to the AP mode
・For AP mode, see "Instruction manual (detail version) (In Japanese only)" (PDF file) of the FOMA terminal.

▼

Setting the connection→P25

▼

Performing communication

◆Precautions for installation/uninstallation

- Before starting operation, make sure that no other program is running and exit the program if any.

* Exit any resident programs on Windows including antivirus software.

Example : Right-click the icon displayed in the task bar, click "閉じる (Close)" or "終了 (End)".

- For installing/uninstalling FOMA communication configuration file (driver) or DOCOMO Connection Manager, make sure that a user with administrator's privilege performs the operation. Installing/uninstalling the software by other users may produce an error. For details on PC administrator privileges, contact your PC manufacturer or Microsoft Corporation.
- When "ユーザーアカウント制御 (User account control)" screen is appeared, perform the following operations (it does not appear on Windows XP).
  - Windows 7 : Click "はい (Yes)", or enter password and click "OK".
  - Windows Vista : Click "許可 (Permit)" or "続行 (Continue)", or enter password and click "OK".
- For operations of a PC, settings of administrator privileges, etc., refer to the Instructions Manual of the PC.

Connecting up PC to the FOMA terminal

Connecting/disconnecting to PC is explained here. Installing FOMA communication configuration file (driver) is described separately.→P7

- If you connect FOMA terminal to a PC before installing FOMA communication configuration file (driver), Windows may automatically detect that USB cable has been inserted, and may request the driver. In such a case, click "キャンセル (Cancel)" on the displayed screen to end.
- The connection should be made with a PC and FOMA terminal both turned ON.
- Location of external connection jack or connecting/disconnecting to a USB cable may vary depending on the model. Refer to "Instruction manual (detailed version) (in Japanese only)" (in pdf format) of your FOMA terminal.

◆Inserting USB cable

1. **Insert the connector of the USB cable into FOMA terminal's external connection jack.**
2. **Insert the other end of the USB cable connector into the PC USB port.**
   - When a PC and FOMA terminal are connected, appears on the stand-by display of FOMA terminal.

❖ Removing USB cable

1. **Press the USB cable's release buttons on both sides of the connector and remove the connector from FOMA terminal.**
2. **Remove the USB cable out from the PC.**

✓INFORMATION

- Be careful not to give excessive force to the connecter of the USB cable when connecting/disconnecting the cable to/from FOMA terminal.
  When disconnecting the connector, be sure to pull it straight while pressing the release button. Applying an excessive force to disconnect the connector may give damage to it.
- Do not remove the USB cable during data communication. The data communication is disconnected and it may cause data loss or malfunction.

Installing FOMA communication configuration file (driver)

To make data communication by connecting FOMA terminal and a PC with USB cable, FOMA communication configuration file (driver) is required. Install the file before connecting FOMA terminal for the first time to the PC.

- Before operating, refer to "Precautions for installation/uninstallation".→P5
- For without using USB cable, installing FOMA communication configuration file (driver) is not required.
- Do not connect FOMA terminal until a message that instructs you to connect FOMA terminal to a PC appears in Step 5.

1 **Download FOMA communication configuration file (driver) from NTT DOCOMO website.**

http://www.nttdocomo.co.jp/support/utilization/application/foma/com_set/driver/index.html

- Before downloading, check model name of FOMA terminal.

2 **Double-click the downloaded file→Double-click the unpacked folder→Select the file which your PC is applied to.**

3 **In the window displayed, double-click the "F09Cst.exe" icon.**

4 **Click "インストール開始 (Start installation)".**

5 **When a message indicating to connect FOMA terminal to the PC appears, connect FOMA terminal to the PC.**

- Connect FOMA terminal while the power is ON.

6 **On the Installation completion screen, click "OK".**

◆Confirming FOMA communication configuration file (driver)

- When a PC does not detect FOMA terminal correctly, settings and communication cannot be performed.

<Example> Checking on Windows 7

1 **(Start)→"コントロールパネル (Control panel)"→"システムとセキュリティ (System and security)"→"デバイスマネージャー (Device manager)" in the "システム (System)" category.**

Under Windows Vista

Click (Start)→"コントロールパネル (Control panel)"→"システムとメンテナンス (System and maintenance)"→"デバイスマネージャ (Device manager)".

Under Windows XP

①Click "スタート (Start)"→"コントロールパネル (Control panel)"→"パフォーマンスとメンテナンス (Performance and maintenance)"→"システム (System)".

②On the "システムのプロパティ (Property of system)" screen, click "ハードウェア (Hardware)" tab →"デバイスマネージャ (Device manager)".

2 Double-click the type of each device→Confirm that the name of the following devices are registered.

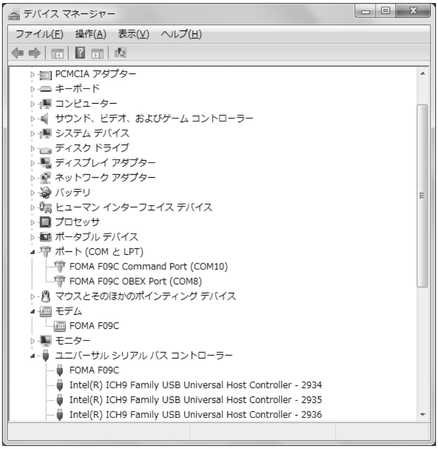
- Device types and names are shown as below. The order to be displayed differs depending on OSs.

  -ポート(COMとLPT) (Port (COM and LPT)) :
  FOMA F09C Command Port (COMx)*
  FOMA F09C OBEX Port (COMx)*

  -モデム (Modem) : FOMA F09C

  -ユニバーサルシリアルバスコントローラー (Universal Serial Bus Controller) or USB (Universal Serial Bus) コントローラ (Controller) : FOMA F09C

  * Depending on the PC environment, x represents different numbers.


デバイス マネージャー
ファイル(F)
操作(A)
表示(V)
ヘルプ(H)
PCMCIA アダプター
キーボード
コンピューター
サウンド、ビデオ、およびゲーム コントローラー
システム デバイス
ディスク ドライブ
ディスプレイ アダプター
ネットワーク アダプター
バッテリ
ヒューマン インターフェイス デバイス
プロセッサ
ポータブル デバイス
ポート (COM と LPT)
FOMA F09C Command Port (COM10)
FOMA F09C OBEX Port (COM8)
マウスとそのほかのポインティング デバイス
モデム
FOMA F09C
モニター
ユニバーサル シリアル バス コントローラー
FOMA F09C
Intel(R) ICH9 Family USB Universal Host Controller - 2934
Intel(R) ICH9 Family USB Universal Host Controller - 2935
Intel(R) ICH9 Family USB Universal Host Controller - 2936

◆Uninstalling FOMA communication configuration file (driver)

- Before operating, refer to "Precautions for installation/uninstallation".→P5
- Before operating, remove FOMA terminal from the PC.

<Example> Uninstalling the driver under Windows 7, Windows Vista

1 Click (Start)→"コントロールパネル (Control panel)"→"プログラムのアンインストール (Uninstall programs)" in the "プログラム (Programs)" category.

Under Windows XP

Click "スタート (Start)"→"コントロールパネル (Control panel)"→"プログラムの追加と削除 (Add/ delete Programs)".

2 Select "FOMA F09C USB Driver" or "FOMA F09C USB" and click "アンインストールと変更 (Uninstall and change)" (for Windows XP, "変更と削除 (Change and delete)").

3 Confirm that "FOMA F09C Uninstaller" is displayed and click "はい (Yes)".

The uninstall process starts.

4 If the "ドライバを削除しました (Driver deleted)" screen appears, click "OK".

✓INFORMATION

- When "FOMA F09C USB Driver" or "FOMA F09C USB" is not displayed on the deletion screen, execute the operations in "Installing FOMA communication configuration file (driver)" again and uninstall.→P7

Preparing for Bluetooth® connection

You can make data communication by connecting a PC compatible with Bluetooth and FOMA terminal using Bluetooth.

- For operations of a PC, refer to the instructions manual of the PC you use.
- If the FOMA terminal is put on Bluetooth connection standby, (blue) appears on the stand-by display. If the FOMA terminal and a PC are successfully connected in Bluetooth, (blue) blinks.

◆Registering a PC to the FOMA terminal

Register a PC for connecting to FOMA terminal with Bluetooth connection for the first time.

- Depending on the PC environment, Bluetooth passkey may be required.

1 On FOMA terminal, [MENU] [6] [8] [1].

The FOMA terminal starts the registration waiting and returns to the stand-by display.

2 On a PC, search for the FOMA terminal and register a device.

- Perform while the FOMA terminal is in the registration waiting.
- By some PC instruction manual, "探索 (Quest)" or "サーチ (Search)" may be used instead of "検索 (Retrieve)", or "ペアリング (Pairing)" may be used instead of "機器登録 (Registering device)".

3 When a pass key authentication screen appears, select "はい (Yes)".

- Select "はい (Yes)" when the connection confirmation screen is displayed.
- After the PC is registered as a device and the registration is completed, the FOMA terminal returns to the stand-by display in the registration waiting state. Perform settings/operations on the PC as required.

For entering Bluetooth passkey

Enter Bluetooth pass key (one-byte number 4 - 16 digit) ◉ [OK]

- Enter the same Bluetooth passkey on FOMA terminal and a PC.
- When a confirmation screen of the default connection device (audio) setting appears, select "No".

✓INFORMATION

- When registering FOMA terminal in a PC, distinguish FOMA terminal by the name of device if the PC recognizes plural devices. When the PC recognizes many devices of the same name, distinguish by the address of device.

◆Connecting to a registered PC

When connecting a registered PC to FOMA terminal using Bluetooth, set the FOMA terminal in connecting stand-by.

1 On FOMA terminal, [MENU] [6] [8].

2 Move the cursor to [Accept registered]→[✉] [Type]→Mark "Dial-up(DUN)" to ☑→[📷] [Confrm].

The FOMA terminal starts the registration waiting and returns to the stand-by display.

- When other Bluetooth device is connected, a confirmation screen for asking whether to disconnect the device in connection and start the registration waiting.

3 Operate for connecting on the PC.

◆Checking modem

Confirm the name of modem used on a PC or COM port number set for dialup connection.

- When a PC does not detect FOMA terminal correctly, settings and communication cannot be performed.

<Example> Checking on Windows 7

1. **Click (Start)→"コントロールパネル (Control panel)"→"システムとセキュリティ (System and security)"→"デバイスマネージャー (Device manager)" in the "システム (System)" category.**

   Under Windows Vista

   Click (Start)→"コントロールパネル (Control panel)"→"システムとメンテナンス (System and maintenance)"→"デバイスマネージャ (Device manager)".

   Under Windows XP

   ① Click "スタート (Start)"→"コントロールパネル (Control panel)"→"パフォーマンスとメンテナンス (Performance and maintenance)"→"システム (System)".
   ② On the "システムのプロパティ (Property of system)" screen, click "ハードウェア (Hardware)" tab →"デバイスマネージャ (Device manager)".

2. **Double-click the type of each device→Confirm the modem name or COM port number.**

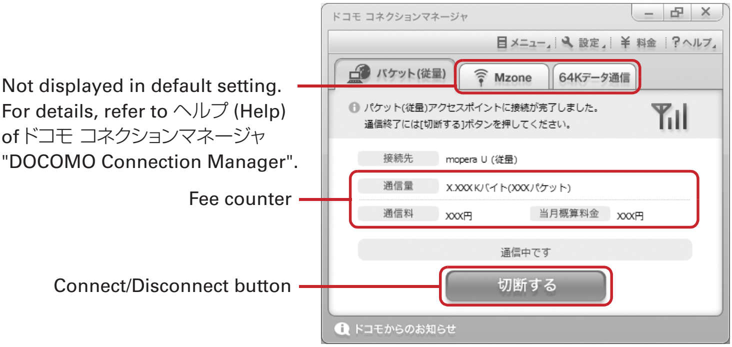
   - Modem name or COM port number is shown under "モデム (Modem)", "ポート (COMとLPT) (Port (COM and LPT))".

Using DOCOMO Connection Manager

DOCOMO Connection Manager is convenient software to use flat-rate data communication or pay-as-you-go data communication. You can easily subscribe to mopera U and make a PC setting according to your subscription status.

Also, you can check an estimate of data communication volume or usage fees by the charge counter function.

In this manual, the method of installing DOCOMO Connection Manager is explained.



Not displayed in default setting. For details, refer to ヘルプ (Help) of ドコモ コネクションマネージャ "DOCOMO Connection Manager".

Fee counter

Connect/Disconnect button

パケット(従量)アクセスポイントに接続が完了しました。
通信終了には[切断する]ボタンを押してください。

接続先 mopera U (従量)
通信量 X.XXX Kバイト(XXXパケット)
通信料 XXX円 当月概算料金 XXX円

通信中です

- For Internet connection with FOMA terminal, you need to subscribe to Internet service provider (mopera U etc.) applicable to services and data communication.
  For details, refer to DOCOMO website.

✓INFORMATION

Using pay-as-you-go data communication (including i-mode flat-rate packet communication services)

- Note that communications of large-size data such as viewing websites containing images using packet communication and downloading (example: updating of application, music, movie, OS or anti-virus software) will require high charges.
  Note that FOMA flat-rate packet services such as Pake-hodai and Pake-hodai full are not applied to the data communication by connecting the FOMA terminal to a PC or another device with a USB cable.

Using flat-rate data plan

- For using of flat-rate data plan, you need to subscribe to Internet service provider applicable to flat-rate data communication charging plan. For details, refer to DOCOMO website.

Using mopera

- For connection/settings of mopera, refer to mopera website.
  http://www.mopera.net/mopera/support/index.html

◆Before installing DOCOMO Connection Manager

Before installing DOCOMO Connection Manager, check the items below and perform to change setting of software/uninstall as required.

- Prepare FOMA terminal and USB Cable (For Bluetooth connection, USB cable is not required).
- Check the contents of subscription for services and Internet service provider.
- If installing connection software except for DOCOMO Connection Manager, change the setting not to be activated automatically as required.→P12 "Using connection software except for DOCOMO Connection Manager"

❖ Changing setting of Internet Explorer

- Before installing DOCOMO Connection Manager, set to "ダイヤルしない (No dialing)" for connection setting at "インターネットオプション (Internet option)" field of Internet Explorer in advance.

<Example> Changing under Windows 7, Windows Vista

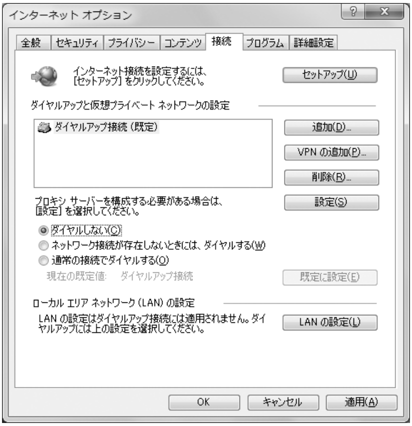
1 **Click (Start)→"すべてのプログラム (All programs)"→"Internet Explorer".**

Under Windows XP

Click "スタート (Start)"→Select "すべてのプログラム (All programs)" → Click "Internet Explorer".

2 **Click "ツール (Tool)"→"インターネットオプション (Internet option)".**

3 **Click "接続 (Connection)" tab→Select "ダイヤルしない (No dialing)".**



インターネット接続を設定するには、[セットアップ] をクリックしてください。

ダイヤルアップと仮想プライベート ネットワークの設定

ダイヤルアップ接続 (既定)

プロキシ サーバーを構成する必要がある場合は、[設定] を選択してください。

◉ ダイヤルしない(C)
○ ネットワーク接続が存在しないときには、ダイヤルする(W)
○ 通常の接続でダイヤルする(O)

現在の既定値: ダイヤルアップ接続

ローカル エリア ネットワーク (LAN) の設定

LAN の設定はダイヤルアップ接続には適用されません。ダイヤルアップには上の設定を選択してください。

4 **Click "OK".**

❖ Using connection software except for DOCOMO Connection Manager

DOCOMO Connection Manager includes same function as that of software below and using together is not required. Perform to change setting not to be activated or uninstall as required.

- mopera U start up tool
- mopera U connection & setting tool
- FOMA PC configuration software
- FOMA Byte counter

To use Mzone (docomo Public wireless LAN service) by DOCOMO Connection Manager, uninstall the following public wireless LAN connection software. And, when installing all at once, Mzone connection cannot be used by DOCOMO Connection Manager.

- U公衆無線LANユーティリティソフト (U public wireless LAN utility software)
- ドコモ公衆無線LANユーティリティソフト (DOCOMO public wireless LAN utility software)
- ドコモ公衆無線LANユーティリティプログラム (DOCOMO public wireless LAN utility program)

◆Installing DOCOMO Connection Manager

<Example> Installing under Windows 7

1 **Download DOCOMO Connection Manager from NTT DOCOMO website.**

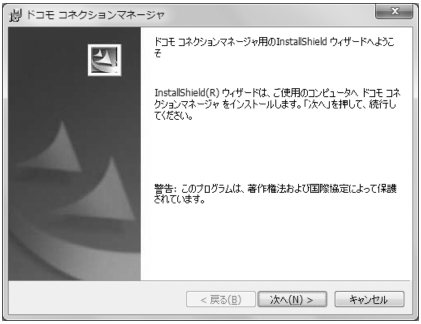
http://www.nttdocomo.co.jp/support/utilization/application/service/connection_manager/index.html

- Check OS of your PC and select the applicable file.

2 **Double-click the "dcm_connect_mng_setup.exe" icon.**

- When the warning screen of security is displayed, click "実行 (Execute)".

3 **Click "次へ (Next)".**

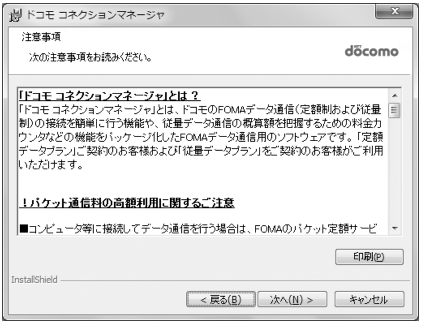


ドコモ コネクションマネージャ用のInstallShield ウィザードへようこそ

InstallShield(R) ウィザードは、ご使用のコンピュータへ ドコモ コネクションマネージャ をインストールします。「次へ」を押して、続行してください。

警告: このプログラムは、著作権法および国際協定によって保護されています。

4 **Confirm "注意事項 (Precautions)" and click "次へ (Next)".**



注意事項

次の注意事項をお読みください。

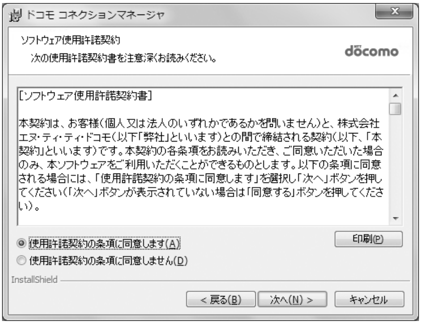
「ドコモ コネクションマネージャ」とは？

「ドコモ コネクションマネージャ」とは、ドコモのFOMAデータ通信（定額制および従量制）の接続を簡単に行う機能や、従量データ通信の概算額を把握するための料金カウンタなどの機能をパッケージ化したFOMAデータ通信用のソフトウェアです。「定額データプラン」ご契約のお客様および「従量データプラン」をご契約のお客様がご利用いただけます。

！パケット通信料の高額利用に関するご注意

■コンピュータ等に接続してデータ通信を行う場合は、FOMAのパケット定額サービ

5 Confirm the contents of ソフトウェア使用許諾契約 (Software license agreement) and if you agree to the agreement, select "使用許諾契約の条項に同意します (Agree to the clauses of the agreement)" and click "次へ (Next)".



ドコモ コネクションマネージャ

ソフトウェア使用許諾契約

次の使用許諾契約書を注意深くお読みください。

[ソフトウェア使用許諾契約書]

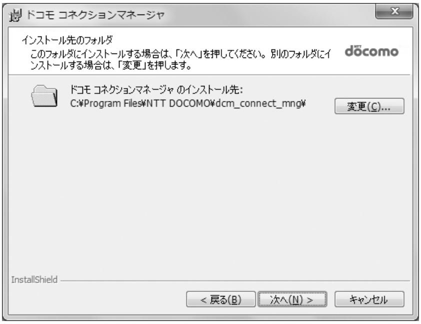
本契約は、お客様(個人又は法人のいずれかであるかを問いません)と、株式会社エヌ・ティ・ティ・ドコモ(以下「弊社」といいます)との間で締結される契約(以下、「本契約」といいます)です。本契約の各条項をお読みいただき、ご同意いただいた場合のみ、本ソフトウェアをご利用いただくことができるものとします。以下の条項に同意される場合には、「使用許諾契約の条項に同意します」を選択し「次へ」ボタンを押してください(「次へ」ボタンが表示されていない場合は「同意する」ボタンを押してください)。

● 使用許諾契約の条項に同意します(A)

○ 使用許諾契約の条項に同意しません(D)

6 Confirm the installing folder and click "次へ (Next)".

- To change the installation destination, click "変更 (Change)" and specify any installation destination.



ドコモ コネクションマネージャ

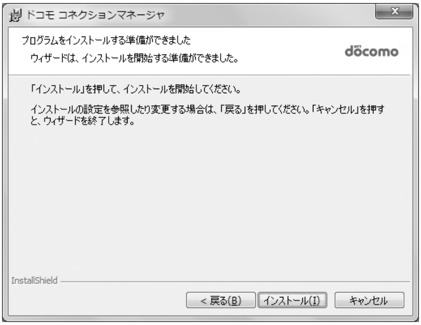
インストール先のフォルダ

このフォルダにインストールする場合は、「次へ」を押してください。別のフォルダにインストールする場合は、「変更」を押します。

ドコモ コネクションマネージャ のインストール先:
C:¥Program Files¥NTT DOCOMO¥dcm_connect_mng¥

7 Click "インストール (Install)".

Installation starts.



ドコモ コネクションマネージャ

プログラムをインストールする準備ができました

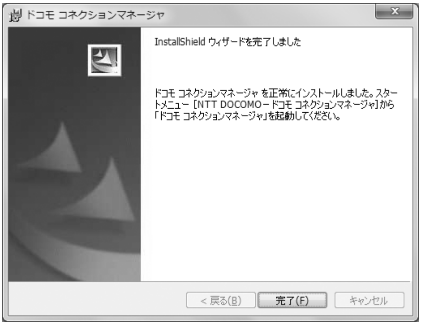
ウィザードは、インストールを開始する準備ができました。

「インストール」を押して、インストールを開始してください。

インストールの設定を参照したり変更する場合は、「戻る」を押してください。「キャンセル」を押すと、ウィザードを終了します。

8 **When the "InstallShieldウィザードを完了しました (InstallShield wizard is completed)" screen appears, click "完了 (Done)".**

Installing DOCOMO Connection Manager is completed.



InstallShield ウィザードを完了しました

ドコモ コネクションマネージャ を正常にインストールしました。スタートメニュー [NTT DOCOMO－ドコモ コネクションマネージャ] から「ドコモ コネクションマネージャ」を起動してください。

✔INFORMATION

- Installation may take a few minutes.
- When a message notifying you to reboot Windows is displayed, follow the instruction of screen and reboot.
- Do not install during data communication.

◆Starting DOCOMO Connection Manager

- Before operating, make sure that a PC and FOMA terminal are properly connected.

<Example> Setting under Windows 7, Windows Vista

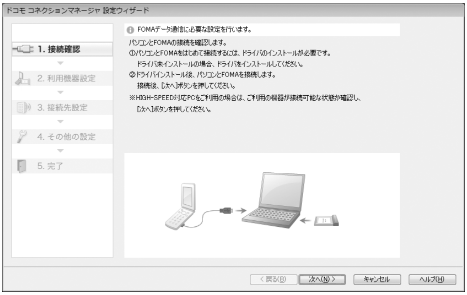
1 **Click (Start)→"すべてのプログラム (All Programs)"→"NTT DOCOMO"→"ドコモ コネクションマネージャ (DOCOMO Connection Manager)"→"ドコモ コネクションマネージャ (DOCOMO Connection Manager)".**

Under Windows XP

Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"NTT DOCOMO"→"ドコモ コネクションマネージャ (DOCOMO Connection Manager)" and click "ドコモ コネクションマネージャ (DOCOMO Connection Manager)".

DOCOMO Connection Manager starts.

When booting a PC at first time, the setting wizard screen appears automatically.



FOMAデータ通信に必要な設定を行います。

パソコンとFOMAの接続を確認します。

①パソコンとFOMAをはじめて接続するには、ドライバのインストールが必要です。
ドライバ未インストールの場合、ドライバをインストールしてください。

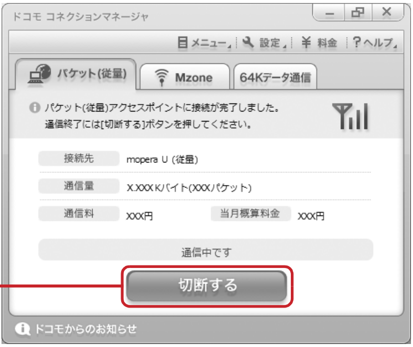
②ドライバインストール後、パソコンとFOMAを接続します。
接続後、[次へ]ボタンを押してください。

※HIGH-SPEED対応PCをご利用の場合は、ご利用の機器が接続可能な状態か確認し、
[次へ]ボタンを押してください。

- According to the setting wizard, perform to set for making data communication connecting to Internet.
  After setting, you can perform communication using DOCOMO Connection Manager.
  For details, refer to "ドコモ コネクションマネージャ操作マニュアル (DOCOMO Connection Manager operation manual)".

✓INFORMATION

- Just exiting the Internet browser or mail software may not disconnect communication. When you do not use communication, be sure to disconnect the communication from "切断する (Disconnect)" button of DOCOMO Connection Manager.
- Please note that if auto update is set for OS update etc., the software is updated automatically and high cost may be charged for the packet communication fee.



パケット(従量)アクセスポイントに接続が完了しました。
通信終了には[切断する]ボタンを押してください。

接続先 mopera U (従量)

通信量 X.XXX Kバイト(XXXパケット)

通信料 XXX円 当月概算料金 XXX円

通信中です

Connect/Disconnect button

Setting communications without using DOCOMO Connection Manager

The method of dialup connection setup without DOCOMO Connection Manager is explained.

◆Flow of dialup network setting

- Flow of setup for data communication→P4
- Before operating, make sure that a PC and FOMA terminal are properly connected.

Setting the dialup connection (APN)*→P16
· When the access point is mopera U or mopera, you do not need to set.

Setting Show/Hide caller ID*→P17
· Set as required.

Setting Dialup Network
· Setting for Windows 7, Windows Vista→P19
· Setting for Windows XP→P21

* Set for packet communication.

Communication software to input AT commands is required for settings.

The method of setting using "ハイパーターミナル (Hyper terminal)" that comes with Windows XP is explained here. Windows 7 and Windows Vista do not support "ハイパーターミナル (Hyper terminal)". For Windows 7 and Windows Vista, set using the software supported by Each OS (Follow the method for the software to be used.).

◆Setting the dialup connection (APN)

❖ The dialup connection (APN) and registration number (cid)

The dialup connections (APN) for packet communication can be set for registration numbers (cid) between 1 and 10 in FOMA terminal. By default, "mopera.ne.jp" (APN) to connect to mopera is registered in cid1, "mopera.net" (APN) to connect to mopera U is registered in cid2 and 3, and "mpr.ex-pkt.net" (APN) to connect in 128K communication is registered in cid4. For connecting to other providers or corporate LANs, register APN for cid5-10.

- For the dialup connections (APN), inquire your provider or network administrator.
- For USB cable connection and Bluetooth connection, setting each dialup connections (APN) is required.
- For packet communication, if switching between USB cable connection and Bluetooth connection, setting the dialup connections (APN) is required again.
- The dialup connection settings can be considered as phonebook entries registered for packet communication. The comparison between dialup connection settings and FOMA terminal phonebook is as shown below.

Connection (APN)	Phonebook item
Registration number (cid)	Registration number (Phonebook No.)
Connection name (APN)	Party's name
＊99＊＊＊<cid># (packet communication)	Party's phone number

- The registered cid become the connection number in the dialup connection numbers setting.

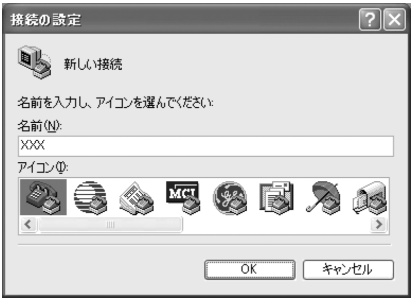
❖ Setting the dialup connection (APN)

<Example> Setting under Windows XP

1 Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"アクセサリ (Accessories)"→"通信 (Communication)" and click "ハイパーターミナル (Hyper terminal)".

2 Enter the desired dialup connection name in "名前 (Name)"→Click "OK".

- The following characters (one-byte) cannot be used in "名前 (Name)".
  ￥/:＊?<>｜”



新しい接続

名前を入力し、アイコンを選んでください:

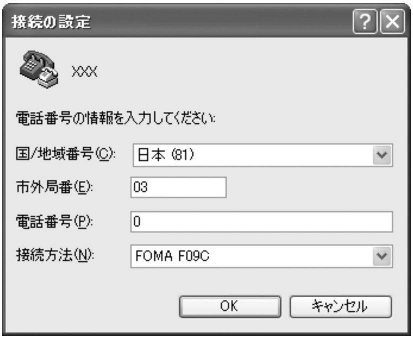
名前(N):

XXX

アイコン(I):

3 Enter a fictional phone number (such as "0") for "電話番号 (Phone number)"→Select "接続方法 (Connection method)"→Click "OK".

- "市外局番 (Area code)" differs depending on the PC environment. The code does not relate to Dialup connection (APN) setup. So no need to change.
- Set as follows at "接続方法 (Connection method)" field.
  For USB cable connection : Select "FOMA F09C".
  For Bluetooth connection : Select "ご使用のBluetoothリンク経由標準モデム (Standard modem via Bluetooth link you use)" or "Bluetooth機器メーカが提供しているBluetoothモデム (Bluetooth modem provided by Bluetooth device manufacturer)".



電話番号の情報を入力してください:

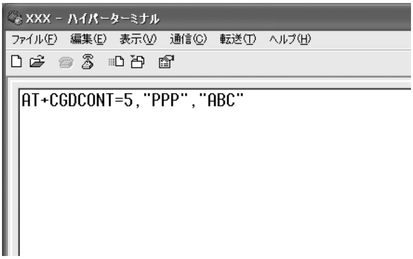
国/地域番号(C): 日本 (81)
市外局番(E): 03
電話番号(P): 0
接続方法(N): FOMA F09C

4 Click "キャンセル (Cancel)" on the "接続 (Connect)" screen.

5 Enter the dialup connection (APN) in the format "AT+CGDCONT =<cid>, "<PDP_TYPE>", "<APN>""→↵

<cid> : Enter any number between 5-10.
<PDP_TYPE> : IP or PPP
<APN> : Dialup connection (APN)

- +CGDCONT command→P34 "Supplement to AT command"
- If nothing is displayed even when AT command is entered, enter ATE1 and press ↵.



```
AT+CGDCONT=5,"PPP","ABC"
```

6 Confirm that "OK" is displayed and click "ファイル (File)"→Click "ハイパーターミナルの終了 (End HyperTerminal)".

7 When confirming disconnection, click "はい (Yes)"→When confirming saving, click "いいえ (No)".

◆Setting Show/Hide caller ID

You can set to show/hide call ID for packet communication at once.
Caller ID is your important information. Take care when deciding to disclose your caller ID.

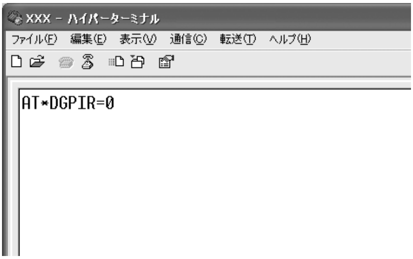
- If "Not notify" is set when using mopera U or mopera, connection is unavailable.

<Example> Setting under Windows XP

1 Perform Step 1 - 4 in "Setting the dialup connection (APN)".

2. **Enter notify/not notify of caller ID in the format "AT＊DGPIR=<n>"→↵.**

   <n> : 0-2
   0 : Connect directly (Default)
   1 : Connect prefixing 184 (Not notify)
   2 : Connect prefixing 186 (Notify)
   - If nothing is displayed even when AT command is entered, enter ATE1 and press ↵.



```
AT*DGPIR=0
```

3. **Confirm that "OK" is displayed and click "ファイル (File)"→Click "ハイパーターミナルの終了 (End HyperTerminal)".**
4. **When confirming disconnection, click "はい (Yes)"→When confirming saving, click "いいえ (No)".**

❖ Show/Hide caller ID function by dialup network settings

The dialup network settings can also be used to append 186 (Notify)/184 (Not notify) to the dialup connection number.

- The Show/Hide of caller ID when both of the ＊DGPIR command and dialup network settings are set is as shown below.

Setting made by ＊DGPIR command / Dialup network setting (<cid>=3)	No setting	Caller ID is not sent	Caller ID is sent
＊99＊＊＊3#	Caller ID is sent	Caller ID is not sent	Caller ID is sent
184＊99＊＊＊3#	Caller ID is not sent		
186＊99＊＊＊3#	Caller ID is sent		

◆ Setting dialup network

In this manual, the description takes the case of IP connection to mopera U via packet communication for example.

- When connecting to mopera U or mopera via packet communication, enter the following number in the phone number field.

  mopera U (PPP connection) : ＊99＊＊＊2#
  mopera U (IP connection) : ＊99＊＊＊3#
  128K communication (PPP connection) : ＊99＊＊＊4#
  mopera (PPP connection) : ＊99＊＊＊1#
- When connecting to mopera U or mopera via 64K data communication, enter the following number in the phone number field to connect to.

  mopera U : ＊8701
  mopera : ＊9601

❖ Setting for Windows 7, Windows Vista

1 Click (Start)→"コントロールパネル (Control panel)"→"ネットワークの状態とタスクの表示 (Network status and tasks)" in the "ネットワークとインターネット (Network and Internet)" category.

Under Windows Vista

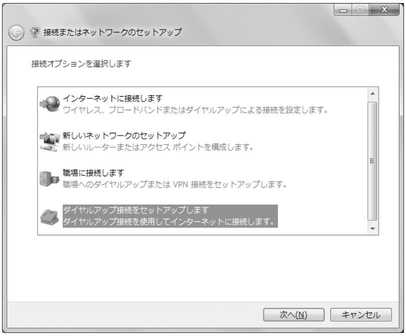
Click (Start)→"接続先 (Dialup connection)".

2 Click "新しい接続またはネットワークのセットアップ (Setup new connection or network)".

Under Windows Vista

Click "接続またはネットワークをセットアップします (Set up connection or network)".

3 Select "ダイヤルアップ接続をセットアップします (Set up dialup connection)" and click "次へ (Next)".



接続オプションを選択します

インターネットに接続します
ワイヤレス、ブロードバンドまたはダイヤルアップによる接続を設定します。

新しいネットワークのセットアップ
新しいルーターまたはアクセス ポイントを構成します。

職場に接続します
職場へのダイヤルアップまたは VPN 接続をセットアップします。

ダイヤルアップ接続をセットアップします
ダイヤルアップ接続を使用してインターネットに接続します。

When the "どのモデムを使いますか？ (Which modem will you use?)" screen is displayed

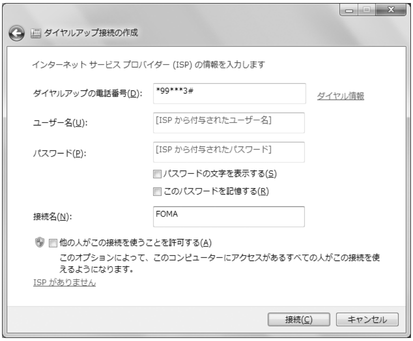
For USB cable connection : Click "FOMA F09C".

For Bluetooth connection : Click "ご使用のBluetoothリンク経由標準モデム (Standard modem via Bluetooth link you use)" or "Bluetooth機器メーカが提供しているBluetoothモデム (Bluetooth modem provided by Bluetooth device manufacturer)".

4 Enter the phone number of the dialup connection in "ダイヤルアップの電話番号 (Dialup phone number)" ("＊99＊＊＊<cid>#" for packet communication) with one-byte→Enter "ユーザー名 (User name)"→Enter "パスワード (Password)"→Enter "接続名 (Connection name)" and click "接続 (Connect)".

<cid> : The number registered in P16 "Setting the dialup connection (APN)"

- In "ユーザー名 (User name)" and "パスワード (Password)", enter the user name and password specified by your provider or network administrator.
- When the access point is mopera U or mopera, you do not need to enter "ユーザー名 (User name)" or "パスワード (Password)".
- You cannot use "." (one-byte period) at the beginning of "接続名 (Connection name)". Also, the following characters (one-byte) cannot be used.
  ￥/:＊?<>｜



インターネット サービス プロバイダー (ISP) の情報を入力します

ダイヤルアップの電話番号(D): *99***3#

ユーザー名(U): [ISP から付与されたユーザー名]

パスワード(P): [ISP から付与されたパスワード]

□ パスワードの文字を表示する(S)

□ このパスワードを記憶する(R)

接続名(N): FOMA

□ 他の人がこの接続を使うことを許可する(A)

このオプションによって、このコンピューターにアクセスがあるすべての人がこの接続を使えるようになります。

5 On the connecting screen, click "スキップ (Skip)".

- Only make settings without connecting to the Internet right away.

6 On the "接続の使用準備ができました (Preparation for using is completed)" screen, click "閉じる (Close)".

Under Windows Vista

①On the "インターネット接続テストに失敗しました (Failed in Internet connection test)" screen, click "接続をセットアップします (Set up connection)".
②Click "閉じる (Close)".

7 On the "ネットワークと共有センター (Network and shared center)" screen, click "アダプターの設定の変更 (Change adapter configuration)" appeared on the left of the top.

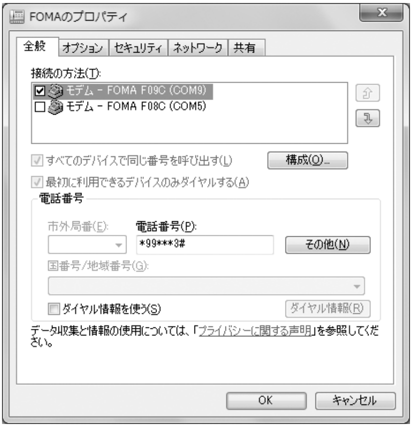
Under Windows Vista

Click (Start)→"接続先 (Dialup connection)".

8 Right-click the dialup connection created and click "プロパティ (Property)".

9 Confirm the setting of each item in "全般 (General)" tab.

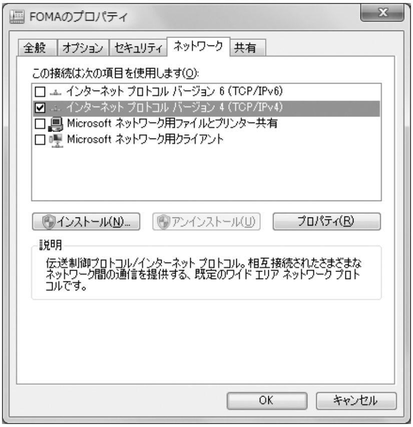
- When multiple modems are connected to a PC, set as follows.
  For USB cable connection : Select only "モデム-FOMA F09C (Modem-FOMA F09C)" at "接続の方法 (Connection method)" field.
  For Bluetooth connection : Select "モデム-(ご使用のBluetoothリンク経由標準モデム) (Modem-(Standard modem via Bluetooth link you use))" or "モデム-(Bluetooth機器メーカーが提供しているBluetoothモデム) (Modem-(Bluetooth modem provided by Bluetooth device manufacturer))" at "接続の方法 (Connection method)" field.
- Uncheck (☐) other than selected modem.
- COM port number assigned to the modem displayed at "接続の方法 (Connection method)" field differs by the environment of a PC you use.
- Uncheck (☐) "ダイヤル情報を使う (Use dial information)".



接続の方法(T):
☑ モデム - FOMA F09C (COM9)
☐ モデム - FOMA F08C (COM5)
☑ すべてのデバイスで同じ番号を呼び出す(L)
☑ 最初に利用できるデバイスのみダイヤルする(A)
電話番号
市外局番(E):
電話番号(P): *99***3#
国番号/地域番号(G):
☐ ダイヤル情報を使う(S)
データ収集と情報の使用については、「プライバシーに関する声明」を参照してください。

10 Click "ネットワーク (Network)" tab→Set each item as shown below.

- Uncheck (☐) "インターネットプロトコルバージョン6 (TCP/IPv6) (Internet Protocol Version 6 (TCP/IPv6))".
- When settings of IP and DNS information have been requested from the provider, etc. select "インターネットプロトコルバージョン4 (TCP/IPv4) (Internet Protocol Version 4 (TCP/IPv4))", click "プロパティ (Property)" and set various information.
- If settings of other items have been requested from the provider, etc., check/uncheck as required.



この接続は次の項目を使用します(O):

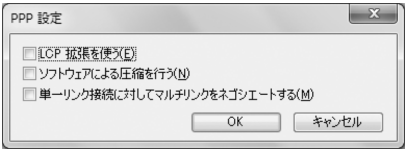
☐ インターネット プロトコル バージョン 6 (TCP/IPv6)
☑ インターネット プロトコル バージョン 4 (TCP/IPv4)
☐ Microsoft ネットワーク用ファイルとプリンター共有
☐ Microsoft ネットワーク用クライアント

説明

伝送制御プロトコル/インターネット プロトコル。相互接続されたさまざまなネットワーク間の通信を提供する、既定のワイド エリア ネットワーク プロトコルです。

11 Click "オプション (Option)" tab→Click "PPP設定 (PPP settings)".

12 Uncheck all items (☐) and click "OK".



☐ LCP 拡張を使う(E)
☐ ソフトウェアによる圧縮を行う(N)
☐ 単一リンク接続に対してマルチリンクをネゴシエートする(M)

13 Click "OK".

Performing communication→P24

❖ Setting for Windows XP

1 Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"アクセサリ (Accessories)"→"通信 (Communication)" and click "新しい接続ウィザード (New connection wizard)".

2 On the "新しい接続ウィザードの開始 (Start new connection wizard start)" screen, click "次へ (Next)".

3 Select "インターネットに接続する (Connect to Internet)" and click "次へ (Next)".

4 Select "接続を手動でセットアップする (Set up connection manually)" and click "次へ (Next)".

5 Select "ダイヤルアップモデムを使用して接続する (Use dialup modem to connect)" and click "次へ (Next)".

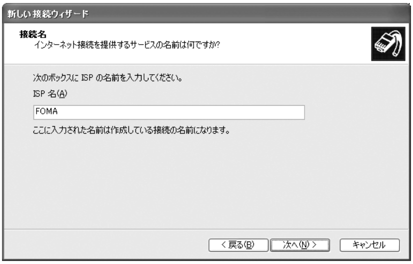
When "デバイスの選択 (Device selection)" screen is displayed

For USB cable connection : Select "モデム-FOMA F09C (Modem-FOMA F09C)" and click "次へ (Next)".

For Bluetooth connection : Select "モデム- (ご使用のBluetoothリンク経由標準モデム) (Modem- (Standard modem via Bluetooth link you use))" or "モデム- (Bluetooth機器メーカが提供しているBluetoothモデム) (Modem- (Bluetooth modem provided by Bluetooth device manufacturer))" and click "次へ (Next)".

6 Enter the desired dialup connection name in "ISP名 (ISP name)"→Click "次へ (Next)".

- You cannot use "." (one-byte period) at the beginning of "ISP名 (ISP name)". Also, the following characters (one-byte) cannot be used. ￥/: ＊ ?<>｜”



接続名
インターネット接続を提供するサービスの名前は何ですか?

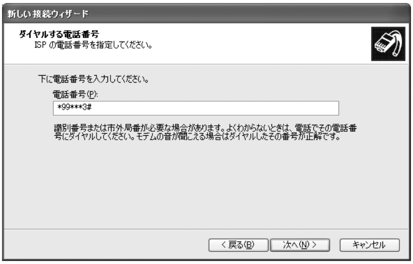
次のボックスに ISP の名前を入力してください。

ISP 名(A)
FOMA

ここに入力された名前は作成している接続の名前になります。

7 Enter the phone number of the dialup connection in "電話番号 (Phone number)" ("＊99＊＊＊<cid>#" for packet communication) with one-byte→Click "次へ (Next)".

<cid> : The number registered in P16 "Setting the dialup connection (APN)"



ダイヤルする電話番号
ISP の電話番号を指定してください。

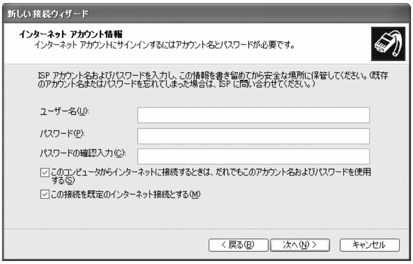
下に電話番号を入力してください。

電話番号(P):
*99***3#

識別番号または市外局番が必要な場合があります。よくわからないときは、電話でその電話番号にダイヤルしてください。モデムの音が聞こえる場合はダイヤルしたその番号が正解です。

8 Enter "ユーザー名 (User name)"→Enter "パスワード (Password)"→Enter "パスワードの確認入力 (Password confirmation entry)"→Select all items as shown below and click "次へ (Next)".

- In "ユーザー名 (User name)" and "パスワード (Password)", enter the user name and password specified by your provider or network administrator.
- When the access point is mopera U or mopera, you do not need to enter "ユーザー名 (User name)", "パスワード (Password)" or "パスワードの確認入力 (Password confirmation entry)".



インターネット アカウント情報
インターネット アカウントにサインインするにはアカウント名とパスワードが必要です。

ISP アカウント名およびパスワードを入力し、この情報を書き留めてから安全な場所に保管してください。(既存のアカウント名またはパスワードを忘れてしまった場合は、ISP に問い合わせてください。)

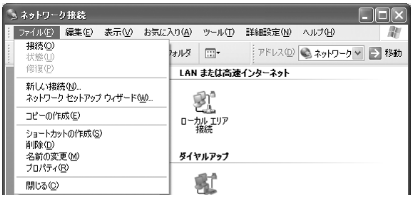
ユーザー名(U):
パスワード(P):
パスワードの確認入力(C):

☑ このコンピュータからインターネットに接続するときは、だれでもこのアカウント名およびパスワードを使用する(S)
☑ この接続を既定のインターネット接続とする(M)

9 On the "新しい接続ウィザードの完了 (New connection wizard is completed)" screen, click "完了 (Done)".

10 Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"アクセサリ (Accessories)"→"通信 (Communication)" and click "ネットワーク接続 (Network connection)".

11 Select the created dialup connection icon and click "ファイル (File)"→Click "プロパティ (Property)".

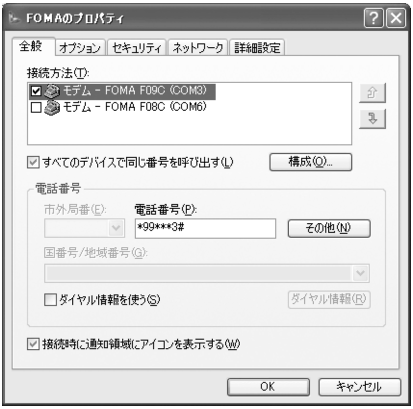


12 Confirm the setting of each item in "全般 (General)" tab.

- When plural modems are connected to a PC, set as follows.

  For USB cable connection : Select only "モデム-FOMA F09C (Modem-FOMA F09C)" at "接続方法 (Connection method)" field.

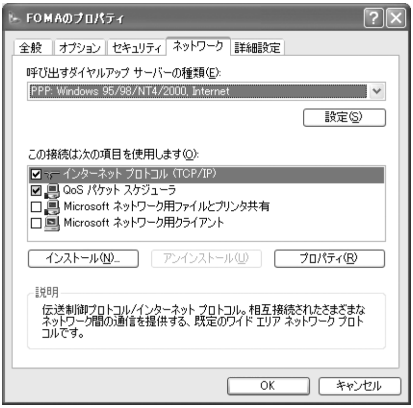
  For Bluetooth connection : Select "モデム-(ご使用のBluetoothリンク経由標準モデム) (Modem-(Standard modem via Bluetooth link you use))" or "モデム-(Bluetooth機器メーカが提供しているBluetoothモデム) (Modem-(Bluetooth modem provided by Bluetooth device manufacturer))" at "接続方法 (Connection method)" field.
- Uncheck (☐) other than selected modem.
- COM port number assigned to the modem displayed at "接続方法 (Connection method)" field differs by the environment of a PC you use.
- Uncheck (☐) "ダイヤル情報を使う (Use dial information)".



接続方法(T):
☑ モデム - FOMA F09C (COM3)
☐ モデム - FOMA F08C (COM6)
☑ すべてのデバイスで同じ番号を呼び出す(L)
電話番号
市外局番(E):
電話番号(P): *99***3#
国番号/地域番号(G):
☐ ダイヤル情報を使う(S)
☑ 接続時に通知領域にアイコンを表示する(W)

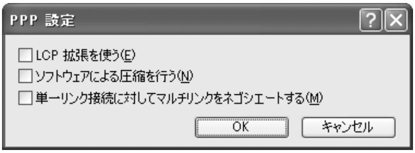
13 Click "ネットワーク (Network)" tab→Set each item as shown below→Click "設定 (Settings)".

- When settings of IP and DNS information have been requested from the provider, etc. select "インターネットプロトコル (TCP/IP) (Internet protocol (TCP/IP))", click "プロパティ (Property)" and set necessary information.
- Since "QoSパケットスケジューラ (QoS packet scheduler)" settings in "この接続は次の項目を使用します (Use these items for this connection)" can not be changed, leave it as it is.



呼び出すダイヤルアップ サーバーの種類(E): PPP: Windows 95/98/NT4/2000, Internet
この接続は次の項目を使用します(O):
☑ インターネット プロトコル (TCP/IP)
☑ QoS パケット スケジューラ
☐ Microsoft ネットワーク用ファイルとプリンタ共有
☐ Microsoft ネットワーク用クライアント
説明
伝送制御プロトコル/インターネット プロトコル。相互接続されたさまざまなネットワーク間の通信を提供する、既定のワイド エリア ネットワーク プロトコルです。

14 Uncheck all items (☐) and click "OK".



☐ LCP 拡張を使う(E)
☐ ソフトウェアによる圧縮を行う(N)
☐ 単一リンク接続に対してマルチリンクをネゴシエートする(M)

15 Click "OK".

Performing communication→P24

◆Performing communication via dialup connection

Starting communication and disconnection are explained here.

<Example> Under Windows 7

1 Connect FOMA terminal to a PC.

For USB cable connection→P6
For Bluetooth connection→P9

2 Click (Start)→"コントロールパネル (Control panel)"→"インターネットへの接続 (Connect to the Internet)" in the "ネットワークとインターネット (Network and Internet)" category.

Under Windows Vista

Click (Start)→"接続先 (Dialup connection)"→Select the dialup connection and click "接続 (Connect)".→Go to Step 4

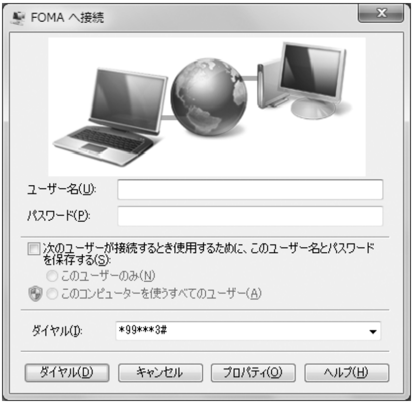
Under Windows XP

Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"アクセサリ (Accessories)"→"通信 (Communication)" and click "ネットワーク接続 (Network connection)"→Double-click the connection icon.→Go to Step 4

3 Select the dialup connection and click "次へ (Next)".

4 Enter "ユーザー名 (User name)"→Enter "パスワード (Password)"→Click "ダイヤル (Dial)".

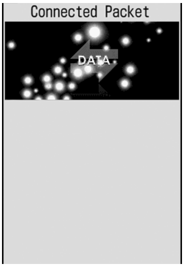
- In "ユーザー名 (User name)" and "パスワード (Password)", enter the user name and password specified by your provider or network administrator.
- When using mopera U or mopera, you do not need to enter "ユーザー名 (User name)" or "パスワード (Password)".
- When "ユーザー名 (User name)" was entered or "パスワード (Password)" was saved while settings, these entries are no longer necessary.
- Click "OK" when the connection established screen is displayed.



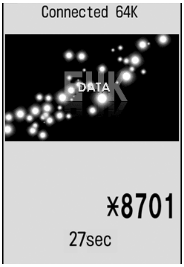
ユーザー名(U):
パスワード(P):
□ 次のユーザーが接続するとき使用するために、このユーザー名とパスワードを保存する(S):
○ このユーザーのみ(N)
○ このコンピューターを使うすべてのユーザー(A)
ダイヤル(I): *99***3#

✔INFORMATION

- FOMA terminal displays a connecting screen when you execute packet communication or 64K data communication. The following screens are displayed when a connection has been established.



For packet communication



For 64K data communication

- The communication speed displayed on your PC may differ from actual speed.
- The communication is available only with FOMA terminal that was connected when the dialup network was set.

❖ Disconnecting communication

Just exiting the PC browser may not disconnect communication. To ensure disconnection, perform the following operation.

<Example> Under Windows 7

1 Click on the task tray→Connection name to disconnect→"切断 (Disconnect)".

Under Windows Vista

Right-click in the task tray→Select "切断 (Disconnect)" and click the dialup connection to disconnect.

Under Windows XP

Click dial-up icon in the task tray→Click "切断 (Disconnect)".

Connecting to a Wi-Fi compatible PC

Even out of public wireless LAN area, you can perform packet communication with connecting a Wi-Fi compatible PC to use FOMA terminal as an access point.

- Switch FOMA terminal to AP mode ON in advance. For AP mode settings, refer to "Instruction manual (detailed version) (in Japanese only)" (PDF file) of the FOMA terminal.

<Example> Under Windows 7

1 Click (Start)→"コントロールパネル (Control panel)"→"ネットワークの状態とタスクの表示 (Network status and tasks)" in the "ネットワークとインターネット (Network and Internet)" category.

Under Windows Vista

Click (Start)→"接続先 (Dialup connection)".

2 Click "新しい接続またはネットワークのセットアップ (Setup new connection or network)".

Under Windows Vista

Click "接続またはネットワークをセットアップします (Set up connection or network)".

3 Select "ワイヤレスネットワークに手動で接続します (Connect to Wireless network manually)" and click "次へ (Next)".

- To make wireless connection for the first time, on the "ワイヤレスネットワークに手動で接続します (Connect to wireless network manually)" screen, change ワイヤレスアダプタ (Wireless adapter) to "ワイヤレスネットワーク接続 (Wireless network connection)" and click "次へ (Next)".

4 Enter network information and click "次へ (Next)".

- Set it to the same as "無線設定 (Wireless settings)" of the FOMA terminal.
  - ネットワーク名 (Network name) : Enter the SSID set for the FOMA terminal.
  - セキュリティの種類 (Security type), 暗号化の種類 (Encryption type) : Set "認証方式 (Authentication method)" information in the FOMA terminal. In "認証方式 (Authentication method)", it is described in the format combining "セキュリティの種類 (Security type)" and "暗号化の種類 (Encryption type)" settings. Select a corresponding setting. "パーソナル (Personal)" in "セキュリティの種類 (Security type)" is the same meaning as "PSK".
  - セキュリティキー (Security key) (For Windows Vista, "セキュリティキーまたはパスフレーズ (Security key or pass phrase)" : Enter encryption key (WEP or PSK).

5 Click "閉じる (Close)".

■ To re-execute communication via Wi-Fi connection after disconnection

Under Windows 7

⊞ (Start)→"コントロールパネル (Control panel)"→"ネットワークの状態とタスクの表示 (Network status and tasks)" in the "ネットワークとインターネット (Network and Internet)" category→On the "ネットワークと共有センター (Network and sharing center)" screen, "ネットワークに接続 (Connect to network)"→Click a connection name on the screen→Click "接続 (Connect)".

Under Windows Vista

⊞ (Start)→"接続先 (Connection point)"→Select a connection point and click "接続 (Connect)".

AT command

AT commands are commands for setting FOMA terminal functions using a PC. FOMA terminals comply with AT commands and support some extended commands and proprietary AT commands.

❖ AT command input format

"AT" must be entered before each AT command. Commands must be entered in one-byte alphanumeric characters.

<Example> Connecting to mopera U with ATD command

ATD＊99＊＊＊3#↵

Return character : Press Enter key. (Command separator)

Parameter : Command's argument

Command : Command name

AT commands and their parameters must be entered on a single line. All the characters from the first character until the character directly preceding ↵ must be entered on a single line. Each line can be up to 256 characters including "AT".

❖ AT command input mode

To operate FOMA terminal using AT commands, a PC must be in terminal mode. Terminal mode is a mode that lets the PC operate as a single communication terminal. When terminal mode is set, the characters entered from the keyboard are sent directly to the communication port to operate FOMA terminal.

- **Offline mode**
  FOMA terminal is in stand-by. FOMA terminal must be in stand-by status to use AT commands to control it.
- **Online data mode**
  FOMA terminal is communicating. If you enter AT commands when FOMA terminal is performing communication, the sent characters are sent directly to the communication receiver and may cause the receiver's modem to malfunction. Do not enter AT commands while FOMA terminal is performing communication.
- **Online command mode**
  AT commands can be used even when FOMA terminal is in communication mode. These operations make it possible to execute AT commands without interfering with the connection to the communication receiver, and normal communication can continue after the commands have finished executing.

Switching between online data mode and online command mode

To switch FOMA terminal from online data mode to online command mode, you can use either of the following procedures.

- Enter +++ command or code set in the S2 register.
- Turn the RS-232C* ER signal OFF when set in "AT&D1".

  * The USB or Bluetooth interface emulates an RS-232C signal line so RS-232C signal control using communication applications is possible.

To switch from online command mode to online data mode, enter "ATO↵".

✔INFORMATION

- When making a call or sending an AT command from external device, it is sent from Number A with 2in1 in Dual mode or A mode, and from Number B in B mode.

◆List of AT command

- The followings are AT command that can be used via the FOMA F09C (Modem).
- Entering "￥" may cause "\" to appear depending on the font setting for a PC or communication software.
- If the battery pack is removed from FOMA terminal before the terminal power is turned off, the setting values may not be recorded.

Upper slot : Command Lower slot : Example	Description
A/	Execute the previously executed command again. When previous response is "ERROR", "ERROR" is returned.
A/ OK	
AT	Use commands on this list by prefixing to commands other than A/ or +++. When using only this command, "OK" is returned with FOMA terminal enabled for using AT commands.
AT↵ OK	
ATA	Perform the receiving process when entered while receiving a packet communication or 64K data communication. The following commands can be entered when receiving a packet communication. ATA184 : Handling of incoming calls : Send caller ID function OFF ATA186 : Handling of incoming calls : Send caller ID function ON
RING ATA↵ CONNECT	
ATD	ATD＊99＊＊＊<cid># : Performs calling process for packet communication. If <cid> or ＊＊＊<cid> is omitted, <cid>=1 is set. ATD [parameter] [phone number] : Perform calling process for 64K data communication. Calling process is not permitted if phone number contains characters other than the following. 0-9, ＊, #, A, a, B, b, C, c The following characters and a space can be entered but are not recognized in dialing. ,(comma), !, -, @, D, d, P, p, T, t, W, w Setting Show/Hide caller ID is enabled by inserting 186 or 184 after ATD. ATDN or ATDL can be used for redial calling.
ATD＊99＊＊＊1#↵ CONNECT 460800	
ATE<n>*1	Set whether FOMA terminal will return echo for command sent from a PC. n=0 : Echo OFF n=1 : Echo ON (default) Normal usage is n=1. If the PC has an echo function, setting this command to n=0 prevents double display of characters.
ATE1↵ OK	
ATH	Disconnect line when entered during a communication. Execute in online command mode.→P27
ATH↵ NO CARRIER	
ATI<n>	Display the confirmation code. n=0 : "NTT DoCoMo" n=1 : Display model name of FOMA terminal n=2 : Display version of FOMA terminal n=3 : Display elements of ACMP signals n=4 : Display details of functions that can be communicated by FOMA terminal in numeric
ATI0↵ NTT DoCoMo OK	
ATO	Return from online command mode to online data mode during communication.
ATO↵ CONNECT 460800	
ATQ<n>*1	Set whether to display result code. n=0 : Display (default) n=1 : Not display When ATQ1 is executed, "OK" is not returned.
ATQ0↵ OK	
ATS0=<n>*1	Set number of rings until FOMA terminal receives communication automatically. n=0 : Not receive automatically (default) n=1-255 : Receive automatically with specified number of rings ATS0? : Display current settings
ATS0=0↵ OK	
ATS2=<n>	Set escape character. n=0-127 (default : n=43) When n=127 is set, escape is unavailable. ATS2? : Display current settings
ATS2=43↵ OK	
ATS3=<n>	Set the carriage return (CR) character that identifies the end of AT command character string. Appended to end of echoed command character string and result code. n=13 (fixed value) ATS3? : Display current settings
ATS3=13↵ OK	

Upper slot : Command Lower slot : Example	Description
ATS4=<n>	Set the line feed (LF) character. When result code is displayed as alphabetic characters, appends the character after the carriage return (CR) character. n=10 (fixed value) ATS4? : Display current settings
ATS4=10↵ OK	
ATS5=<n>	Set the back space (BS) character. When this character is detected during command input, the last character in the input buffer is deleted. n=8 (fixed value) ATS5? : Display current settings
ATS5=8↵ OK	
ATS6=<n>	Set pause time (seconds) until dialing commences but do not operate. n=2-10 (default : n=5) ATS6? : Display current settings
ATS6=5↵ OK	
ATS8=<n>	Set pause time (seconds) until commas are dialed but do not operate. n=0-255 (default : n=3) ATS8? : Display current settings
ATS8=3↵ OK	
ATS10=<n>[*1]	Set the delay time (1/10 seconds) for automatic disconnection but do not operate. n=1-255 (default : n=1) ATS10? : Display current settings
ATS10=1↵ OK	
ATS30=<n>	Set a period of time (minutes) with no data transmission/reception to terminate the connection for 64K data communications. n=0-255 : (default : n=0, n=0 indicates that inactive timer is set to OFF.) ATS30? : Display current settings
ATS30=0↵ OK	
ATS103=<n>	Set the separator of received sub addresses for 64K data communication. n=0 : * n=1 : / (default) n=2 : ¥ or \ ATS103? : Display current settings
ATS103=1↵ OK	
ATS104=<n>	Set the separator of sent sub addresses for 64K data communication. n=0 : # n=1 : % (default) n=2 : & ATS104? : Display current settings
ATS104=1↵ OK	
ATV<n>[*1]	Set result code display method. n=0 : Number display n=1 : Alphabetical display (default) When ATV0 is executed, "0" is not returned to the same line.
ATV1↵ OK	
ATX<n>[*1]	Set whether to detect busy or dial tones and whether to display the speed in the "CONNECT" display for the connection. Busy tone detection : Send "BUSY" response when dialup connection is busy. Dial tone detection : Detect whether FOMA terminal is connected. n=0 : No busy tone, no dial tone detected, and no speed is displayed n=1 : No busy tone, no dial tone detected, and speed is displayed n=2 : No busy tone, dial tone detected, and speed is displayed n=3 : Busy tone detected, no dial tone detected, and speed is displayed n=4 : Busy tone detected, dial tone detected, and speed is displayed (default) When n=0 is set, AT&E and AT¥V command will be unavailable.
ATX4↵ OK	
ATZ[*3]	Reset the current setting to the registered state. When this command is executed during communication, the terminal is reset after the line is disconnected (displaying "NO CARRIER").
ATZ↵ OK (When in offline mode)	
AT%V	Display FOMA terminal version.
AT%V↵ Ver1.00 OK	
AT&C<n>[*1]	Set the operating conditions of the circuit CD (DCD) for DTE. n=0 : Always ON n=1 : Vary according to line connection status (default) When set to n=0, the CD signal is set to ON directly before sending "CONNECT" when ending connection. The CD signal is set to OFF directly before the line is disconnected and "NO CARRIER" is sent.
AT&C1↵ OK	
AT&D<n>[*1]	Set the operation performed when circuit ER (DTR) signal received from DTE is switched from ON to OFF while online data mode takes effect. n=0 : Ignore status (status is always considered to be ON) n=1 : Move to online command mode when status changes from ON to OFF n=2 : Disconnect line and move to offline mode when status changes from ON to OFF (default)
AT&D2↵ OK	

Upper slot : Command **Lower slot : Example**	**Description**
AT&E<n>*1	Set the speed display used when connection is made. n=0 : Display communication speed of wireless zone n=1 : Display communication speed between a PC and FOMA terminal (default)
AT&E1↵ OK	
AT&F	Reset the current setting to the default. When this command is executed during communication, the terminal is reset after the line is disconnected (displaying "NO CARRIER").
AT&F↵ OK (When in offline mode)	
AT&S<n>*1	Set control of the data set ready (DR) signal to be output to DTE. n=0 : Always ON (default)　　n=1 : ON at time of connection
AT&S0↵ OK	
AT&W	Register the current settings in FOMA terminal.
AT&W↵ OK	
AT＊DANTE	Indicate FOMA terminal reception level in the "＊DANTE : <n>" format. n=0 : Out of service area　　n=1 : Received signal level of FOMA terminal is 0 or 1 antenna. n=2 : Received signal level of FOMA terminal is 2 antennas. n=3 : Received signal level of FOMA terminal is 3 antennas. AT＊DANTE=? : Display a list of displayable values
AT＊DANTE↵ ＊DANTE : 3 OK	
AT＊DGANSM=<n>*2	Set to reject or permit incoming packet communications. n=0 : Reject setting = OFF, Accept setting = OFF (default) n=1 : Reject setting=ON　　n=2 : Accept setting=ON AT＊DGANSM? : Display current settings AT＊DGANSM=? : Display a list of assignable values
AT＊DGANSM=0↵ OK	
AT＊DGAPL=<n> [,<cid>]*2	Set the dialup connections (APN) to permit incoming packet communications. APN uses <cid> defined by +CGDCONT command. n=0 : Add to list of APN permitted for incoming communications n=1 : Delete from list of APN permitted for incoming communications If the <cid> is not defined by the +CGDCONT command, it can still be added to/deleted from the list. If the <cid> is omitted, all the <cid> are added to/deleted from the list. AT＊DGAPL? : Display current settings AT＊DGAPL=? : Display a list of assignable values
AT＊DGAPL=0,1↵ OK	
AT＊DGARL=<n> [,<cid>]*2	Set the dialup connections (APN) to refuse incoming packet communications. APN uses <cid> defined by +CGDCONT command. n=0 : Add to list of APN rejected for incoming communications n=1 : Delete from list of APN rejected for incoming communications If the <cid> is not defined by the +CGDCONT command, it can still be added to/deleted from the list. If the <cid> is omitted, all the <cid> are added to/deleted from the list. AT＊DGARL? : Display current settings AT＊DGARL=? : Display a list of assignable values
AT＊DGARL=0,1↵ OK	
AT＊DGPIR=<n>*2	Set Caller ID notification when packet communication connection is being performed. This command is available when a communication is sent or received. n=0 : Connect to APN directly (default)　　n=1 : Connect to APN prefixing 184 n=2 : Connect to APN prefixing 186 When Show/Hide caller ID is specified by dialup network→P18 AT＊DGPIR? : Display current settings AT＊DGPIR=? : Display a list of assignable values
AT＊DGPIR=0↵ OK	
AT＊DRPW	Indicate an index for the reception power of the radio waves that FOMA terminal receive. AT＊DRPW=? : Display a list of displayable values
AT＊DRPW↵ ＊DRPW : 0 OK	
AT+CAOC	Display last call cost.
AT+CAOC↵ +CAOC : "000024" OK	
AT+CBC	Display FOMA terminal's battery level in the "+CBC : <bcs>,<bcl>" format. bcs=0 : Powered by the battery pack　　bcs=1 : Not powered by the battery pack bcs=2 : Battery pack removed　　bcs=3 : Power-supply error bcl=0 : No battery remained or battery pack removed　　bcl=1-100 : Battery remained AT+CBC=? : Display a list of displayable values
AT+CBC↵ +CBC : 0,100 OK	

Upper slot : Command Lower slot : Example	Description
AT+CBST=<n>,1,0*1	Set the line to use (Setting of bearer service) n=116 : 64K data communication (default) n=134 : 64K videophone AT+CBST? : Display current settings AT+CBST=? : Display a list of assignable values
AT+CBST=116,1,0↵ OK	
AT+CDIP=<n>*1	Set to notify/not to notify the sub address when receiving in packet communication or 64 data communication. And, subscription status of Multi Number can be confirmed. n=0 : The information of sub address is not displayed. (default) n=1 : The information of sub address is displayed. m=0 : Multi Number not subscribed. m=1 : Multi Number subscribed. AT+CDIP? : Display the current settings and status in the "+CDIP:<n>,<m>" format AT+CDIP=? : List of the settable values is displayed.
AT+CDIP=0↵ OK	
AT+CEER	Display the reason of immediate disconnection. Disconnection reason list→P33
AT+CEER↵ +CEER : 36 OK	
AT+CGDCONT*2	Set dialup connection (APN) for packet communication.→P34
→P34	
AT+CGEQMIN*2	Set the criteria for judging whether to permit QoS (Quality of Service) provisioned by the network when packet communication is established.→P35
→P35	
AT+CGEQREQ*2	Set QoS (Quality of Service) requested to the network at the transmission of packet communication.→P35
→P35	
AT+CGMR	Display FOMA terminal version.
AT+CGMR↵ 1234567890123456 OK	
AT+CGREG=<n>*1	Set whether to report network service registration status (Within/Out). n=0 : Not notified (default) n=1 : When the terminal is moved from Within service area to Out of service area or vice versa, the status is reported in the "+CGREG : <stat>" format. stat=0 : Out of packet service area stat=1 : Within packet service area stat=4 : Unknown stat=5 : Within packet service area (during international roaming) AT+CGREG? : Display the current settings and status in the "+CGREG : <n>,<stat>" format AT+CGREG=? : Display a list of assignable values
AT+CGREG=0↵ OK	
AT+CGSN	Display FOMA terminal serial No.
AT+CGSN↵ 123456789012345 OK	
AT+CLIP=<n>*1	Set whether to display sender's caller ID on a PC when receiving 64K data communication. n=0 : Not display result (default) n=1 : Display result m=0 : Network setting not to send caller ID m=1 : Network setting to send caller ID m=2 : Unknown AT+CLIP? : Display the current settings and status in the "+CLIP : <n>,<m>" format AT+CLIP=? : Display a list of assignable values
AT+CLIP=0↵ OK	

AT+CLIR=<n>*2	Set Caller ID notification when sending 64K data communication.
	n=0 : Use the setting in Caller ID notification of FOMA terminal n=1 : Not send
	n=2 : Send (default)
	m=0 : CLIR not operating (always sends) m=1 : CLIR operating (never sends)
	m=2 : Unknown m=3 : CLIR temporary mode (default=does not send)
	m=4 : CLIR temporary mode (default=sends)
	AT+CLIR? : Display the current settings and status in the "+CLIR : <n>,<m>" format
	AT+CLIR=? : Display a list of assignable values

AT+CLIR=2↵ OK	
AT+CMEE=<n>*1	Set whether to display an error report at FOMA terminal. n=0 : Display "ERROR" and no result code (default) n=1 : Use result code, displaying reason as number n=2 : Use result code, displaying reason as alphabetic characters Display reasons in the "+CME ERROR : xxxx" format when n=1 or n=2 is set (xxxx = number or alphabetic characters).→P34 "Error messages list" AT+CMEE? : Display current settings AT+CMEE=? : Display a list of assignable values
AT+CMEE=0↵ OK	

Upper slot : Command Lower slot : Example	Description

AT+CNUM	Display FOMA terminal's own phone number in the "+CNUM : ,"<number>",<type>" format.
	number : Own phone number (With 2in1, display Number B in B mode or Number A in other mode)
	type=129 : International access code + not included
	type=145 : International access code + included

AT+CNUM↵ +CNUM : ,"090XXXXXXXX", 129 OK	
AT+COPS=<n>,2, <oper>[*2]	Set search method for network operator to connect. n=0 : Auto (default)　n=1 : Manual　n=3 : No mapping When n=1 is set, set PLMN Number in hexadecimal value for <oper>. AT+COPS? : Display current settings　AT+COPS=? : Display a list of assignable values
AT+COPS=0↵ OK	

AT+CPAS	Display whether FOMA terminal can send and receive AT commands to external devices in "+CPAS : <n>" format.
	n=0 : Possible　n=1 : Impossible　n=2 : Status unknown
	n=3 : Possible and receiving
	n=4 : Possible and communicating
	AT+CPAS=? : Display a list of displayable values

AT+CPAS↵ +CPAS : 0 OK	
AT+CPIN="<pin>", "<newpin>"	Enter these commands for entering PIN1/PIN2 codes or PUK with PIN1 code ON. To enter PUK, enter new PIN1/PIN2 code in <newpin>. Even if entering in <newpin> when entry of PIN1/PIN2 code is request, PIN1/PIN2 code cannot be changed. n=READY : Entry of code not requested　n=SIM PIN : Entry of PIN1 code waited n=SIM PIN2 : Entry of PIN2 code waited n=SIM PUK : Entry of PUK waited due to failure in unblocking PIN1 code n=SIM PUK2 : Entry of PUK waited due to failure in unblocking PIN2 code AT+CPIN? : Display the code currently requested in "+CPIN : <n>" format
AT+CPIN="0000"↵ OK	

AT+CR=<n>[*1]	Set whether to display the communication type before "CONNECT" is displayed during connection.
	n=0 : Not display (default)
	n=1 : Display the communication type in the "+CR : <serv>" format
	serv=GPRS : Packet communication　serv=SYNC : 64K data communication
	serv=AV64K : 64K videophone
	AT+CR? : Display current settings　AT+CR=? : Display a list of assignable values

AT+CR=0↵ OK	

AT+CRC=<n>[*1]	Set whether to use +CRING result codes when communication is received.
	n=0 : Not use (default)
	n=1 : Use "+CRING : <type>" result codes
	type=GPRS "PPP",,,"<APN>" : Packet communication
	type=SYNC : 64K data communication
	type=AV64K : 64K videophone
	AT+CRC? : Display current settings　AT+CRC=? : Display a list of assignable values

AT+CRC=0↵ OK	
AT+CREG=<n>[*1]	Set whether to report network service registration status (Within/Out). n=0 : Not notified (default) n=1 : When the terminal is moved from Within service area to Out of service area or vice versa, the status is reported in the "+CREG : <stat>" format. stat=0 : Out of sound service area　stat=1 : Within sound service area stat=4 : Unknown stat=5 : Within sound service area (during international roaming) AT+CREG? : Display the current settings and status in the "+CREG : <n>,<stat>" format AT+CREG=? : Display a list of assignable values
AT+CREG=0↵ OK	
AT+CUSD=<n>,"<str>"[*1]	Set Additional service (Register USSD) of Network Services. Enter Service code provided by DOCOMO in <str>. n=0 : Not answer mid result (default) n=1 : Answer mid result in "+CUSD : <m>, "<str>",0" format m=0 : Information not requested　m=1 : Information requested AT+CUSD? : Display current settings　AT+CUSD=? : Display a list of assignable values
AT+CUSD=0,"012345678" ↵ OK	
AT+FCLASS=<n>[*1]	Set communication type supported by FOMA terminal. n=0 : Only data supported (fixed value) AT+FCLASS? : Display current settings AT+FCLASS=? : Display a list of assignable values
AT+FCLASS=0↵ OK	
AT+GCAP	Display the range of AT commands supported by FOMA terminal in the "+GCAP : <n>" format. n=+CGSM : Support GSM commands (including the case for supporting a part) n=+FCLASS : Support +FCLASS commands　n=+W : Support +W commands
AT+GCAP↵ +GCAP : +CGSM,+FCLASS, +W OK	

Upper slot : Command Lower slot : Example	Description
AT+GMI AT+GMI↵ FUJITSU OK	Display FOMA terminal manufacturer name.
AT+GMM AT+GMM FOMA F09C OK	Display model name of FOMA terminal.
AT+GMR AT+GMR↵ Ver1.00 OK	Display FOMA terminal version.
AT+IFC=<n,m>*1 AT+IFC=2,2↵ OK	Set how to control local flow between a PC and FOMA terminal. n, m=0 : No flow control n, m=1 : Perform XON/XOFF flow control n, m=2 : RS/CS (RTS/CTS) Perform flow control (default) AT+IFC? : Display the current settings and status in the "+IFC : <n>,<m>" format (n is the value of DCE by DTE, and m is the value of DTE by DCE) AT+IFC=? : List of the settable values is displayed
AT+WS46=<n>*1	Display wireless network used when sending communication in n number. When entering AT+WS46=<n>, ERROR is returned because it cannot be changed. n=12 : GSM network n=22 : 3G network (FOMA) n=25 : GSM or 3G network (FOMA) (fixed value) AT+WS46? : Display current settings AT+WS46=? : Display a list of assignable values
AT¥S AT¥S↵ E1 Q0 V1 X4 &C1 &D2 &S0 ・・・(snip)・・・ S104=001 OK	Display the currently set commands and S register settings.
AT¥V<n>*1 AT¥V0 OK	Set whether to use expanded result codes when connection is made. n=0 : Not use expanded result codes (default) n=1 : Use expanded result codes
+++ +++ (not displayed) OK	Move from online data mode to online command mode when entered during a communication. The escape guard interval is 1 second (fixed value).

*1 Registered in FOMA terminal by &W command.

*2 Not reset by &F and Z commands.

*3 When Z command is executed before the &W command, the terminal is reset to the last status registered in memory, and prior changes are erased.

◆Disconnection reason list

■ Packet communication

Value	Description
26	APN is not present or is incorrect.
27	
30	Disconnected by network.
33	Terminal does not subscribe to packet communication.
36	Normal disconnection.

64K data communication

Value	Description
1	Specified number does not exist.
16	Normal disconnection.
17	Communication is impossible because remote device is busy.
18	You made a call but did not receive a response within the specified time.
19	The remote device is called but no response.
21	The remote device rejected incoming calls.
63	The service and option of the network are not valid.
65	Unavailable processing speed was specified.
88	You made a call to a terminal or received a call from a terminal with different terminal properties.

Error messages list

No.	Text display	Description
10	SIM not inserted	UIM is not set.
15	SIM wrong	Other than DOCOMO SIM (IC card equivalent to UIM) is inserted.
16	incorrect password	Incorrect password
100	unknown	Unknown error

Supplement to AT command

- <cid> is the number used to control dialup connection (APN) for packet communication to be registered in FOMA terminal. "1-10" can be registered in FOMA terminal.
- By default, the following APNs are registered in cid1-4.
  cid1 : mopera.ne.jp (APN mopera, PPP connection)
  cid2 : mopera.net (APN mopera U, PPP connection)
  cid3 : mopera.net (APN mopera U, IP connection)
  cid4 : mpr.ex-pkt.net (APN mopera U, PPP connection, 128K communication)
- <APN> is an optional string for each connection to indicate dialup connection.

Command name : +CGDCONT=[parameter]

- **Outline**
  Set dialup connection (APN) for packet communication.
- **Format**
  +CGDCONT= [<cid> [,"<PDP_TYPE>" [,"<APN>"]]]
- **Parameter description**
  <cid> : 1-10
  <PDP_TYPE> : IP or PPP
  <APN> : Optional
- **Example of execution**
  The command used to register an APN named "abc" for PPP connection (when <cid>=5).

```
AT+CGDCONT=5,"PPP","abc"↵
OK
```

- **Operation performed when parameter is omitted**
  AT+CGDCONT= : Return all <cid> to the setting by default.
  AT+CGDCONT=<cid> : Return the specified <cid> to the setting by default.
  AT+CGDCONT? : Display current settings.
  AT+CGDCONT=? : Display a list of assignable values.

■ Command name : +CGEQMIN=[parameter]

- **Outline**

  Set the criteria for judging whether to permit QoS (Quality of Service) provisioned by the network when packet communication is established.

- **Format**

  AT+CGEQMIN= [<cid> [,,<Maximum bitrate UL> [,<Maximum bitrate DL>]]]

- **Parameter description**

  <cid> : 1-10
  <Maximum bitrate UL> : None (default) or 5,760
  <Maximum bitrate DL> : None (default) or 7,232

  * For <Maximum bitrate UL> and <Maximum bitrate DL>, the maximum communication speed (in kbps) is set for both upload and download traffic between FOMA terminal and the base station. If the parameter is set to "None (default)", all speeds are permissible. If "5,760" and "7,232" are set, any connection at a speed less than the above limit is not permitted, and chances are that packet communication will not be connected.

- **Example of execution**

  - Command used to permit all speeds both upload and download (when <cid>=5)

    ```
    AT+CGEQMIN=5↵
    OK
    ```

  - Command used to permit only 5,760kbps upload and 7,232kbps download (when <cid>=6)

    ```
    AT+CGEQMIN=6,,5760,7232↵
    OK
    ```

  - Command used to permit only 5,760kbps upload and all speeds download (when <cid>=7)

    ```
    AT+CGEQMIN=7,,5760↵
    OK
    ```

  - Command used to permit all speeds upload and only 7,232kbps download (when <cid>=8)

    ```
    AT+CGEQMIN=8,,,7232↵
    OK
    ```

- **Operation performed when parameter is omitted**

  AT+CGEQMIN= : Returns all <cid> to the setting by default.
  AT+CGEQMIN=<cid> : Returns the specified <cid> to the setting by default.
  AT+CGEQMIN? : Displays current settings.
  AT+CGEQMIN=? : Displays a list of assignable values.

■ Command name : +CGEQREQ=[parameter]

- **Outline**

  Set QoS (Quality of Service) requested to the network at the transmission of packet communication.

- **Format**

  AT+CGEQREQ= [<cid>]

- **Parameter description**

  Only commands that require connection at 64-5,760kbps upload, 64-7,232kbps download can be set. The contents are set by default for each <cid>.

  <cid> : 1-10

- **Example of execution**

  (when <cid>=3)

  ```
  AT+CGEQREQ=3↵
  OK
  ```

- **Operation performed when parameter is omitted**

  AT+CGEQREQ= : Returns all <cid> to the setting by default.
  AT+CGEQREQ=<cid> : Returns the specified <cid> to the setting by default.
  AT+CGEQREQ? : Displays current settings.
  AT+CGEQREQ=? : Displays a list of assignable values.

◆Result codes

- When ATV command is set to n=1 (default), the result code is displayed in alphabetic characters. When the command is set to n=0, the result code is displayed numerically.→P29

■ Result codes

No.	Text display	Meaning
0	OK	Operation performed normally
1	CONNECT	Terminal connected to other party
2	RING	Incoming call
3	NO CARRIER	Line disconnected
4	ERROR	Unable to accept command
6	NO DIALTONE	Unable to detect dial tone
7	BUSY	Detecting the busy tone
8	NO ANSWER	Completed connection Time-out
100	RESTRICTION	Network restriction in place (The communication network is busy. Please wait for a while and retry.)
101	DELAYED	Redial call restricted

■ Extended result code

- **When AT&E is set to n=0**

No.	Text display	Connection speed between FOMA terminal and base station
122	CONNECT 64000	64000bps
125	CONNECT 384000	384000bps
133	CONNECT 3648000	3648000bps
135	CONNECT 7232000	7232000bps

- **When AT&E is set to n=1**

No.	Text display	Connection speed between FOMA terminal and a PC
5	CONNECT 1200	1200bps
10	CONNECT 2400	2400bps
11	CONNECT 4800	4800bps
13	CONNECT 7200	7200bps
12	CONNECT 9600	9600bps
15	CONNECT 14400	14400bps
16	CONNECT 19200	19200bps
17	CONNECT 38400	38400bps
18	CONNECT 57600	57600bps
19	CONNECT 115200	115200bps
20	CONNECT 230400	230400bps
21	CONNECT 460800	460800bps

* To retain compatibility with a modem connected via conventional RS-232C, communication speed is displayed, but it differs from the actual connection speed because FOMA terminal is connected to a PC with a USB cable or Bluetooth function.

■ Communication protocol result code

No.	Text display	Meaning
1	PPPoverUD	Connect via 64K data communication (BC=UDI, +CBST=116,1,0)
3	AV64K	Connect via 64K videophone
5	PACKET	Connect via packet communication

■ Display example of result code

When ATX0 is set

Regardless of the settings of AT¥V command, only "CONNECT" is displayed upon completion of connection.

Text display example : ATD＊99＊＊＊1#
CONNECT

Number display example : ATD＊99＊＊＊1#
1

When ATX1 is set

- When ATX1, AT¥V0 (default) is set
  Upon completion of connection, the result code is displayed in the following format : "CONNECT <speed between FOMA terminal - PC>".
  Text display example : ATD＊99＊＊＊1#
  CONNECT 460800
  Number display example : ATD＊99＊＊＊1#
  1 21
- When ATX1, AT¥V1 is set[*1]
  The code is displayed upon completion of connection in the following format.
  "CONNECT<speed between FOMA terminal - PC><Communication protocol><dialup connection (APN)>/<upstream maximum speed (between FOMA terminal→radio base station)>/<downstream maximum speed (between FOMA terminal←radio base station)>"[*2]
  Text display example : ATD＊99＊＊＊1#
  CONNECT 460800 PACKET mopera.ne.jp/5760/7232
  (Indicates the terminal is connected to mopera.ne.jp providing a maximum upload speed of 5,760kbps and a maximum download speed of 7,232kbps.)
  Number display example : ATD＊99＊＊＊1#
  1 21 5

[*1] When ATX1 and AT¥V1 are set at the same time, it is likely that dialup connection will fail. It is recommended that only AT¥V0 be used.

[*2] When AT¥V1 is set, <dialup connection (APN)> and the following are displayed only when packet is used for connection.

Kuten Code List

For entering characters using code, see "Entering characters using code" in the attached manual.
Note that some characters in the code input list may look different from actual ones.

1st	4th digit of code									
-3rd	0	1	2	3	4	5	6	7	8	9
010		(スペース)	、	。	，	．	・	：	；	？
011	！	゛	゜	´	｀	¨	＾	￣	＿	ヽ
012	ヾ	ゝ	ゞ	〃	仝	々	〆	〇	ー	―
013	‐	／	＼	～	∥	｜	…	‥	‘	’
014	“	”	（	）	〔	〕	［	］	｛	｝
015	〈	〉	《	》	「	」	『	』	【	】
016	＋	－	±	×	÷	＝	≠	＜	＞	≦
017	≧	∞	∴	♂	♀	°	′	″	℃	￥
018	＄	￠	￡	％	＃	＆	＊	＠	§	☆
019	★	○	●	◎	◇					
020		◆	□	■	△	▲	▽	▼	※	〒
021	→	←	↑	↓	〓					
022							∈	∋	⊆	⊇
023	⊂	⊃	∪	∩						
024			∧	∨	￢	⇒	⇔	∀	∃	
026	∠	⊥	⌒	∂	∇	≡	≒	≪	≫	√
027	∽	∝	∵	∫	∬					
028			Å	‰	♯	♭	♪	†	‡	¶
029					◯					
031							０	１	２	３
032	４	５	６	７	８	９				
033				Ａ	Ｂ	Ｃ	Ｄ	Ｅ	Ｆ	Ｇ
034	Ｈ	Ｉ	Ｊ	Ｋ	Ｌ	Ｍ	Ｎ	Ｏ	Ｐ	Ｑ
035	Ｒ	Ｓ	Ｔ	Ｕ	Ｖ	Ｗ	Ｘ	Ｙ	Ｚ	
036						ａ	ｂ	ｃ	ｄ	ｅ
037	ｆ	ｇ	ｈ	ｉ	ｊ	ｋ	ｌ	ｍ	ｎ	ｏ
038	ｐ	ｑ	ｒ	ｓ	ｔ	ｕ	ｖ	ｗ	ｘ	ｙ
039	ｚ									
040		ぁ	あ	ぃ	い	ぅ	う	ぇ	え	ぉ
041	お	か	が	き	ぎ	く	ぐ	け	げ	こ
042	ご	さ	ざ	し	じ	す	ず	せ	ぜ	そ
043	ぞ	た	だ	ち	ぢ	っ	つ	づ	て	で
044	と	ど	な	に	ぬ	ね	の	は	ば	ぱ
045	ひ	び	ぴ	ふ	ぶ	ぷ	へ	べ	ぺ	ほ
046	ぼ	ぽ	ま	み	む	め	も	ゃ	や	ゅ
047	ゆ	ょ	よ	ら	り	る	れ	ろ	ゎ	わ
048	ゐ	ゑ	を	ん						
050		ァ	ア	ィ	イ	ゥ	ウ	ェ	エ	ォ
051	オ	カ	ガ	キ	ギ	ク	グ	ケ	ゲ	コ
052	ゴ	サ	ザ	シ	ジ	ス	ズ	セ	ゼ	ソ
053	ゾ	タ	ダ	チ	ヂ	ッ	ツ	ヅ	テ	デ
054	ト	ド	ナ	ニ	ヌ	ネ	ノ	ハ	バ	パ
055	ヒ	ビ	ピ	フ	ブ	プ	ヘ	ベ	ペ	ホ
056	ボ	ポ	マ	ミ	ム	メ	モ	ャ	ヤ	ュ
057	ユ	ョ	ヨ	ラ	リ	ル	レ	ロ	ヮ	ワ
058	ヰ	ヱ	ヲ	ン	ヴ	ヵ	ヶ			
060		Α	Β	Γ	Δ	Ε	Ζ	Η	Θ	Ι
061	Κ	Λ	Μ	Ν	Ξ	Ο	Π	Ρ	Σ	Τ
062	Υ	Φ	Χ	Ψ	Ω					
063				α	β	γ	δ	ε	ζ	η
064	θ	ι	κ	λ	μ	ν	ξ	ο	π	ρ
065	σ	τ	υ	φ	χ	ψ	ω			
070		А	Б	В	Г	Д	Е	Ё	Ж	З
071	И	Й	К	Л	М	Н	О	П	Р	С
072	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы
073	Ь	Э	Ю	Я						
074										а
075	б	в	г	д	е	ё	ж	з	и	й
076	к	л	м	н	о	п	р	с	т	у
077	ф	х	ц	ч	ш	щ	ъ	ы	ь	э
078	ю	я								
080		─	│	┌	┐	┘	└	├	┬	┤

1st	4th digit of code									
-3rd	0	1	2	3	4	5	6	7	8	9
081	┴	┼	━	┃	┏	┓	┛	┗	┣	┳
082	┫	┻	╋	┠	┯	┨	┷	┿	┝	┰
083	┥	┸	╂							
130		①	②	③	④	⑤	⑥	⑦	⑧	⑨
131	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲
132	⑳	Ⅰ	Ⅱ	Ⅲ	Ⅳ	Ⅴ	Ⅵ	Ⅶ	Ⅷ	Ⅸ
133	Ⅹ		㍉	㌔	㌢	㍍	㌘	㌧	㌃	㌶
134	㍑	㍗	㌍	㌦	㌣	㌫	㍊	㌻	㎜	㎝
135	㎞	㎎	㎏	㏄	㎡					
136				㍻	〝	〟	№	㏍	℡	㊤
137	㊥	㊦	㊧	㊨	㈱	㈲	㈹	㍾	㍽	㍼
138	≒	≡	∫	∮	∑	√	⊥	∠	∟	⊿
139	∵	∩	∪							
	あ									
160		亜	唖	娃	阿	哀	愛	挨	姶	逢
161	葵	茜	穐	悪	握	渥	旭	葦	芦	鯵
162	梓	圧	斡	扱	宛	姐	虻	飴	絢	綾
163	鮎	或	粟	袷	安	庵	按	暗	案	闇
164	鞍	杏								
	い									
164			以	伊	位	依	偉	囲	夷	委
165	威	尉	惟	意	慰	易	椅	為	畏	異
166	移	維	緯	胃	萎	衣	謂	違	遺	医
167	井	亥	域	育	郁	磯	一	壱	溢	逸
168	稲	茨	芋	鰯	允	印	咽	員	因	姻
169	引	飲	淫	胤	蔭					
170		院	陰	隠	韻	吋				
	う									
170							右	宇	烏	羽
171	迂	雨	卯	鵜	窺	丑	碓	臼	渦	嘘
172	唄	欝	蔚	鰻	姥	厩	浦	瓜	閏	噂
173	云	運	雲							
	え									
173				荏	餌	叡	営	嬰	影	映
174	曳	栄	永	泳	洩	瑛	盈	穎	頴	英
175	衛	詠	鋭	液	疫	益	駅	悦	謁	越
176	閲	榎	厭	円	園	堰	奄	宴	延	怨
177	掩	援	沿	演	炎	焔	煙	燕	猿	縁
178	艶	苑	薗	遠	鉛	鴛	塩			
	お									
178								於	汚	甥
179	凹	央	奥	往	応					
180		押	旺	横	欧	殴	王	翁	襖	鴬
181	鴎	黄	岡	沖	荻	億	屋	憶	臆	桶
182	牡	乙	俺	卸	恩	温	穏	音		
	か									
182									下	化
183	仮	何	伽	価	佳	加	可	嘉	夏	嫁
184	家	寡	科	暇	果	架	歌	河	火	珂
185	禍	禾	稼	箇	花	苛	茄	荷	華	菓
186	蝦	課	嘩	貨	迦	過	霞	蚊	俄	峨
187	我	牙	画	臥	芽	蛾	賀	雅	餓	駕
188	介	会	解	回	塊	壊	廻	快	怪	悔
189	恢	懐	戒	拐	改					
190		魁	晦	械	海	灰	界	皆	絵	芥
191	蟹	開	階	貝	凱	劾	外	咳	害	崖
192	慨	概	涯	碍	蓋	街	該	鎧	骸	浬
193	馨	蛙	垣	柿	蛎	鈎	劃	嚇	各	廓
194	拡	撹	格	核	殻	獲	確	穫	覚	角
195	赫	較	郭	閣	隔	革	学	岳	楽	額
196	顎	掛	笠	樫	橿	梶	鰍	潟	割	喝
197	恰	括	活	渇	滑	葛	褐	轄	且	鰹
198	叶	椛	樺	鞄	株	兜	竃	蒲	釜	鎌
199	噛	鴨	栢	茅	萱					
200		粥	刈	苅	瓦	乾	侃	冠	寒	刊
201	勘	勧	巻	喚	堪	姦	完	官	寛	干
202	幹	患	感	慣	憾	換	敢	柑	桓	棺

1st	4th digit of code									
-3rd	0	1	2	3	4	5	6	7	8	9
203	款	歓	汗	漢	澗	潅	環	甘	監	看
204	竿	管	簡	緩	缶	翰	肝	艦	莞	観
205	諌	貫	還	鑑	間	閑	関	陥	韓	館
206	舘	丸	含	岸	巌	玩	癌	眼	岩	翫
207	贋	雁	頑	顔	願					
	き									
207						企	伎	危	喜	器
208	基	奇	嬉	寄	岐	希	幾	忌	揮	机
209	旗	既	期	棋	棄					
210		機	帰	毅	気	汽	畿	祈	季	稀
211	紀	徽	規	記	貴	起	軌	輝	飢	騎
212	鬼	亀	偽	儀	妓	宜	戯	技	擬	欺
213	犠	疑	祇	義	蟻	誼	議	掬	菊	鞠
214	吉	吃	喫	桔	橘	詰	砧	杵	黍	却
215	客	脚	虐	逆	丘	久	仇	休	及	吸
216	宮	弓	急	救	朽	求	汲	泣	灸	球
217	究	窮	笈	級	糾	給	旧	牛	去	居
218	巨	拒	拠	挙	渠	虚	許	距	鋸	漁
219	禦	魚	亨	享	京					
220		供	侠	僑	兇	競	共	凶	協	匡
221	卿	叫	喬	境	峡	強	彊	怯	恐	恭
222	挟	教	橋	況	狂	狭	矯	胸	脅	興
223	蕎	郷	鏡	響	饗	驚	仰	凝	尭	暁
224	業	局	曲	極	玉	桐	粁	僅	勤	均
225	巾	錦	斤	欣	欽	琴	禁	禽	筋	緊
226	芹	菌	衿	襟	謹	近	金	吟	銀	
	く									
226										九
227	倶	句	区	狗	玖	矩	苦	躯	駆	駈
228	駒	具	愚	虞	喰	空	偶	寓	遇	隅
229	串	櫛	釧	屑	屈					
230		掘	窟	沓	靴	轡	窪	熊	隈	粂
231	栗	繰	桑	鍬	勲	君	薫	訓	群	軍
232	郡									
	け									
232		卦	袈	祁	係	傾	刑	兄	啓	圭
233	珪	型	契	形	径	恵	慶	慧	憩	掲
234	携	敬	景	桂	渓	畦	稽	系	経	継
235	繋	罫	茎	荊	蛍	計	詣	警	軽	頚
236	鶏	芸	迎	鯨	劇	戟	撃	激	隙	桁
237	傑	欠	決	潔	穴	結	血	訣	月	件
238	倹	倦	健	兼	券	剣	喧	圏	堅	嫌
239	建	憲	懸	拳	捲					
240		検	権	牽	犬	献	研	硯	絹	県
241	肩	見	謙	賢	軒	遣	鍵	険	顕	験
242	鹸	元	原	厳	幻	弦	減	源	玄	現
243	絃	舷	言	諺	限					
	こ									
243						乎	個	古	呼	固
244	姑	孤	己	庫	弧	戸	故	枯	湖	狐
245	糊	袴	股	胡	菰	虎	誇	跨	鈷	雇
246	顧	鼓	五	互	伍	午	呉	吾	娯	後
247	御	悟	梧	檎	瑚	碁	語	誤	護	醐
248	乞	鯉	交	佼	侯	候	倖	光	公	功
249	効	勾	厚	口	向					
250		后	喉	坑	垢	好	孔	孝	宏	工
251	巧	巷	幸	広	庚	康	弘	恒	慌	抗
252	拘	控	攻	昂	晃	更	杭	校	梗	構
253	江	洪	浩	港	溝	甲	皇	硬	稿	糠
254	紅	紘	絞	綱	耕	考	肯	肱	腔	膏
255	航	荒	行	衡	講	貢	購	郊	酵	鉱
256	砿	鋼	閤	降	項	香	高	鴻	剛	劫
257	号	合	壕	拷	濠	豪	轟	麹	克	刻
258	告	国	穀	酷	鵠	黒	獄	漉	腰	甑
259	忽	惚	骨	狛	込					
260		此	頃	今	困	坤	墾	婚	恨	懇
261	昏	昆	根	梱	混	痕	紺	艮	魂	

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1st -3rd	4th digit of code									
	0	1	2	3	4	5	6	7	8	9
	さ									
261										些
262	佐	叉	唆	嵯	左	差	査	沙	瑳	砂
263	詐	鎖	裟	坐	座	挫	債	催	再	最
264	哉	塞	妻	宰	彩	才	採	栽	歳	済
265	災	采	犀	砕	砦	祭	斎	細	菜	裁
266	載	際	剤	在	材	罪	財	冴	坂	阪
267	堺	榊	肴	咲	崎	埼	碕	鷺	作	削
268	咋	搾	昨	朔	柵	窄	策	索	錯	桜
269	鮭	笹	匙	冊	刷					
270		察	拶	撮	擦	札	殺	薩	雑	皐
271	鯖	捌	錆	鮫	皿	晒	三	傘	参	山
272	惨	撒	散	桟	燦	珊	産	算	纂	蚕
273	讃	賛	酸	餐	斬	暫	残			
	し									
273								仕	仔	伺
274	使	刺	司	史	嗣	四	士	始	姉	姿
275	子	屍	市	師	志	思	指	支	孜	斯
276	施	旨	枝	止	死	氏	獅	祉	私	糸
277	紙	紫	肢	脂	至	視	詞	詩	試	誌
278	諮	資	賜	雌	飼	歯	事	似	侍	児
279	字	寺	慈	持	時					
280		次	滋	治	爾	璽	痔	磁	示	而
281	耳	自	蒔	辞	汐	鹿	式	識	鴫	竺
282	軸	宍	雫	七	叱	執	失	嫉	室	悉
283	湿	漆	疾	質	実	蔀	篠	偲	柴	芝
284	屡	蕊	縞	舎	写	射	捨	赦	斜	煮
285	社	紗	者	謝	車	遮	蛇	邪	借	勺
286	尺	杓	灼	爵	酌	釈	錫	若	寂	弱
287	惹	主	取	守	手	朱	殊	狩	珠	種
288	腫	趣	酒	首	儒	受	呪	寿	授	樹
289	綬	需	囚	収	周					
290		宗	就	州	修	愁	拾	洲	秀	秋
291	終	繍	習	臭	舟	蒐	衆	襲	讐	蹴
292	輯	週	酋	酬	集	醜	什	住	充	十
293	従	戎	柔	汁	渋	獣	縦	重	銃	叔
294	夙	宿	淑	祝	縮	粛	塾	熟	出	術
295	述	俊	峻	春	瞬	竣	舜	駿	准	循
296	旬	楯	殉	淳	準	潤	盾	純	巡	遵
297	醇	順	処	初	所	暑	曙	渚	庶	緒
298	署	書	薯	藷	諸	助	叙	女	序	徐
299	恕	鋤	除	傷	償					
300		勝	匠	升	召	哨	商	唱	嘗	奨
301	妾	娼	宵	将	小	少	尚	庄	床	廠
302	彰	承	抄	招	掌	捷	昇	昌	昭	晶
303	松	梢	樟	樵	沼	消	渉	湘	焼	焦
304	照	症	省	硝	礁	祥	称	章	笑	粧
305	紹	肖	菖	蒋	蕉	衝	裳	訟	証	詔
306	詳	象	賞	醤	鉦	鍾	鐘	障	鞘	上
307	丈	丞	乗	冗	剰	城	場	壌	嬢	常
308	情	擾	条	杖	浄	状	畳	穣	蒸	譲
309	醸	錠	嘱	埴	飾					
310		拭	植	殖	燭	織	職	色	触	食
311	蝕	辱	尻	伸	信	侵	唇	娠	寝	審
312	心	慎	振	新	晋	森	榛	浸	深	申
313	疹	真	神	秦	紳	臣	芯	薪	親	診
314	身	辛	進	針	震	人	仁	刃	塵	壬
315	尋	甚	尽	腎	訊	迅	陣	靭		
	す									
315									笥	諏
316	須	酢	図	厨	逗	吹	垂	帥	推	水
317	炊	睡	粋	翠	衰	遂	酔	錐	錘	随
318	瑞	髄	崇	嵩	数	枢	趨	雛	据	杉
319	椙	菅	頗	雀	裾					
320		澄	摺	寸						
	せ									
320					世	瀬	畝	是	凄	制
321	勢	姓	征	性	成	政	整	星	晴	棲
322	栖	正	清	牲	生	盛	精	聖	声	製
323	西	誠	誓	請	逝	醒	青	静	斉	税
324	脆	隻	席	惜	戚	斥	昔	析	石	積
325	籍	績	脊	責	赤	跡	蹟	碩	切	拙
326	接	摂	折	設	窃	節	説	雪	絶	舌
327	蝉	仙	先	千	占	宣	専	尖	川	戦
328	扇	撰	栓	栴	泉	浅	洗	染	潜	煎
329	煽	旋	穿	箭	線					
330		繊	羨	腺	舛	船	薦	詮	賎	践
331	選	遷	銭	銑	閃	鮮	前	善	漸	然

1st -3rd	4th digit of code									
	0	1	2	3	4	5	6	7	8	9
332	全	禅	繕	膳	糎					
	そ									
332						噌	塑	岨	措	曾
333	曽	楚	狙	疏	疎	礎	祖	租	粗	素
334	組	蘇	訴	阻	遡	鼠	僧	創	双	叢
335	倉	喪	壮	奏	爽	宋	層	匝	惣	想
336	捜	掃	挿	掻	操	早	曹	巣	槍	槽
337	漕	燥	争	痩	相	窓	糟	総	綜	聡
338	草	荘	葬	蒼	藻	装	走	送	遭	鎗
339	霜	騒	像	増	憎					
340		臓	蔵	贈	造	促	側	則	即	息
341	捉	束	測	足	速	俗	属	賊	族	続
342	卒	袖	其	揃	存	孫	尊	損	村	遜
	た									
343	他	多	太	汰	詑	唾	堕	妥	惰	打
344	柁	舵	楕	陀	駄	騨	体	堆	対	耐
345	岱	帯	待	怠	態	戴	替	泰	滞	胎
346	腿	苔	袋	貸	退	逮	隊	黛	鯛	代
347	台	大	第	醍	題	鷹	滝	瀧	卓	啄
348	宅	托	択	拓	沢	濯	琢	託	鐸	濁
349	諾	茸	凧	蛸	只					
350		叩	但	達	辰	奪	脱	巽	竪	辿
351	棚	谷	狸	鱈	樽	誰	丹	単	嘆	坦
352	担	探	旦	歎	淡	湛	炭	短	端	箪
353	綻	耽	胆	蛋	誕	鍛	団	壇	弾	断
354	暖	檀	段	男	談					
	ち									
354						値	知	地	弛	恥
355	智	池	痴	稚	置	致	蜘	遅	馳	築
356	畜	竹	筑	蓄	逐	秩	窒	茶	嫡	着
357	中	仲	宙	忠	抽	昼	柱	注	虫	衷
358	註	酎	鋳	駐	樗	瀦	猪	苧	著	貯
359	丁	兆	凋	喋	寵					
360		帖	帳	庁	弔	張	彫	徴	懲	挑
361	暢	朝	潮	牒	町	眺	聴	脹	腸	蝶
362	調	諜	超	跳	銚	長	頂	鳥	勅	捗
363	直	朕	沈	珍	賃	鎮	陳			
	つ									
363								津	墜	椎
364	槌	追	鎚	痛	通	塚	栂	掴	槻	佃
365	漬	柘	辻	蔦	綴	鍔	椿	潰	坪	壷
366	嬬	紬	爪	吊	釣	鶴				
	て									
366							亭	低	停	偵
367	剃	貞	呈	堤	定	帝	底	庭	廷	弟
368	悌	抵	挺	提	梯	汀	碇	禎	程	締
369	艇	訂	諦	蹄	逓					
370		邸	鄭	釘	鼎	泥	摘	擢	敵	滴
371	的	笛	適	鏑	溺	哲	徹	撤	轍	迭
372	鉄	典	填	天	展	店	添	纏	甜	貼
373	転	顛	点	伝	殿	澱	田	電		
	と									
373									兎	吐
374	堵	塗	妬	屠	徒	斗	杜	渡	登	菟
375	賭	途	都	鍍	砥	砺	努	度	土	奴
376	怒	倒	党	冬	凍	刀	唐	塔	塘	套
377	宕	島	嶋	悼	投	搭	東	桃	梼	棟
378	盗	淘	湯	涛	灯	燈	当	痘	祷	等
379	答	筒	糖	統	到					
380		董	蕩	藤	討	謄	豆	踏	逃	透
381	鐙	陶	頭	騰	闘	働	動	同	堂	導
382	憧	撞	洞	瞳	童	胴	萄	道	銅	峠
383	鴇	匿	得	徳	涜	特	督	禿	篤	毒
384	独	読	栃	橡	凸	突	椴	届	鳶	苫
385	寅	酉	瀞	噸	屯	惇	敦	沌	豚	遁
386	頓	呑	曇	鈍						
	な									
386					奈	那	内	乍	凪	薙
387	謎	灘	捺	鍋	楢	馴	縄	畷	南	楠
388	軟	難	汝							
	に									
388				二	尼	弐	迩	匂	賑	肉
389	虹	廿	日	乳	入					
390		如	尿	韮	任	妊	忍	認		
	ぬ									
390									濡	
	ね									
390										禰

1st -3rd	4th digit of code									
	0	1	2	3	4	5	6	7	8	9
391	祢	寧	葱	猫	熱	年	念	捻	撚	燃
392	粘									
	の									
392		乃	廼	之	埜	嚢	悩	濃	納	能
393	脳	膿	農	覗	蚤					
	は									
393						巴	把	播	覇	杷
394	波	派	琶	破	婆	罵	芭	馬	俳	廃
395	拝	排	敗	杯	盃	牌	背	肺	輩	配
396	倍	培	媒	梅	楳	煤	狽	買	売	賠
397	陪	這	蝿	秤	矧	萩	伯	剥	博	拍
398	柏	泊	白	箔	粕	舶	薄	迫	曝	漠
399	爆	縛	莫	駁	麦					
400		函	箱	硲	箸	肇	筈	櫨	幡	肌
401	畑	畠	八	鉢	溌	発	醗	髪	伐	罰
402	抜	筏	閥	鳩	噺	塙	蛤	隼	伴	判
403	半	反	叛	帆	搬	斑	板	氾	汎	版
404	犯	班	畔	繁	般	藩	販	範	釆	煩
405	頒	飯	挽	晩	番	盤	磐	蕃	蛮	
	ひ									
405										匪
406	卑	否	妃	庇	彼	悲	扉	批	披	斐
407	比	泌	疲	皮	碑	秘	緋	罷	肥	被
408	誹	費	避	非	飛	樋	簸	備	尾	微
409	枇	毘	琵	眉	美					
410		鼻	柊	稗	匹	疋	髭	彦	膝	菱
411	肘	弼	必	畢	筆	逼	桧	姫	媛	紐
412	百	謬	俵	彪	標	氷	漂	瓢	票	表
413	評	豹	廟	描	病	秒	苗	錨	鋲	蒜
414	蛭	鰭	品	彬	斌	浜	瀕	貧	賓	頻
415	敏	瓶								
	ふ									
415			不	付	埠	夫	婦	富	冨	布
416	府	怖	扶	敷	斧	普	浮	父	符	腐
417	膚	芙	譜	負	賦	赴	阜	附	侮	撫
418	武	舞	葡	蕪	部	封	楓	風	葺	蕗
419	伏	副	復	幅	服					
420		福	腹	複	覆	淵	弗	払	沸	仏
421	物	鮒	分	吻	噴	墳	憤	扮	焚	奮
422	粉	糞	紛	雰	文	聞				
	へ									
422							丙	併	兵	塀
423	幣	平	弊	柄	並	蔽	閉	陛	米	頁
424	僻	壁	癖	碧	別	瞥	蔑	箆	偏	変
425	片	篇	編	辺	返	遍	便	勉	娩	弁
426	鞭									
	ほ									
426		保	舗	鋪	圃	捕	歩	甫	補	輔
427	穂	募	墓	慕	戊	暮	母	簿	菩	倣
428	俸	包	呆	報	奉	宝	峰	峯	崩	庖
429	抱	捧	放	方	朋					
430		法	泡	烹	砲	縫	胞	芳	萌	蓬
431	蜂	褒	訪	豊	邦	鋒	飽	鳳	鵬	乏
432	亡	傍	剖	坊	妨	帽	忘	忙	房	暴
433	望	某	棒	冒	紡	肪	膨	謀	貌	貿
434	鉾	防	吠	頬	北	僕	卜	墨	撲	朴
435	牧	睦	穆	釦	勃	没	殆	堀	幌	奔
436	本	翻	凡	盆						
	ま									
436					摩	磨	魔	麻	埋	妹
437	昧	枚	毎	哩	槙	幕	膜	枕	鮪	柾
438	鱒	桝	亦	俣	又	抹	末	沫	迄	侭
439	繭	麿	万	慢	満					
440		漫	蔓							
	み									
440				味	未	魅	巳	箕	岬	密
441	蜜	湊	蓑	稔	脈	妙	粍	民	眠	
	む									
441										務
442	夢	無	牟	矛	霧	鵡	椋	婿	娘	
	め									
442										冥
443	名	命	明	盟	迷	銘	鳴	姪	牝	滅
444	免	棉	綿	緬	面	麺				
	も									
444							摸	模	茂	妄
445	孟	毛	猛	盲	網	耗	蒙	儲	木	黙
446	目	杢	勿	餅	尤	戻	籾	貰	問	悶

1st -3rd	4th digit of code									
	0	1	2	3	4	5	6	7	8	9
447	紋	門	匁							
					や					
447				也	冶	夜	爺	耶	野	弥
448	矢	厄	役	約	薬	訳	躍	靖	柳	薮
449	鑓									
					ゆ					
449		愉	愈	油	癒					
450		諭	輸	唯	佑	優	勇	友	宥	幽
451	悠	憂	揖	有	柚	湧	涌	猶	猷	由
452	祐	裕	誘	遊	邑	郵	雄	融	夕	
					よ					
452										予
453	余	与	誉	輿	預	傭	幼	妖	容	庸
454	揚	揺	擁	曜	楊	様	洋	溶	熔	用
455	窯	羊	耀	葉	蓉	要	謡	踊	遥	陽
456	養	慾	抑	欲	沃	浴	翌	翼	淀	
					ら					
456										羅
457	螺	裸	来	莱	頼	雷	洛	絡	落	酪
458	乱	卵	嵐	欄	濫	藍	蘭	覧		
					り					
458									利	吏
459	履	李	梨	理	璃					
460		痢	裏	裡	里	離	陸	律	率	立
461	葎	掠	略	劉	流	溜	琉	留	硫	粒
462	隆	竜	龍	侶	慮	旅	虜	了	亮	僚
463	両	凌	寮	料	梁	涼	猟	療	瞭	稜
464	糧	良	諒	遼	量	陵	領	力	緑	倫
465	厘	林	淋	燐	琳	臨	輪	隣	鱗	麟
					る					
466	瑠	塁	涙	累	類					
					れ					
466						令	伶	例	冷	励
467	嶺	怜	玲	礼	苓	鈴	隷	零	霊	麗
468	齢	暦	歴	列	劣	烈	裂	廉	恋	憐
469	漣	煉	簾	練	聯					
470		蓮	連	錬						
					ろ					
470					呂	魯	櫓	炉	賂	路
471	露	労	婁	廊	弄	朗	楼	榔	浪	漏
472	牢	狼	篭	老	聾	蝋	郎	六	麓	禄
473	肋	録	論							
					わ					
473				倭	和	話	歪	賄	脇	惑
474	枠	鷲	亙	亘	鰐	詫	藁	蕨	椀	湾
475	碗	腕								
480		弌	丐	丕	个	丱	丶	丼	丿	乂
481	乖	乘	亂	亅	豫	亊	舒	弍	于	亞
482	亟	亠	亢	亰	亳	亶	从	仍	仄	仆
483	仂	仗	仞	仭	仟	价	伉	佚	估	佛
484	佝	佗	佇	佶	侈	侏	侘	佻	佩	佰
485	侑	佯	來	侖	儘	俔	俟	俎	俘	俛
486	俑	俚	俐	俤	俥	倚	倨	倔	倪	倥
487	倅	伜	俶	倡	倩	倬	俾	俯	們	倆
488	偃	假	會	偕	偐	偈	做	偖	偬	偸
489	傀	傚	傅	傴	傲					
490		僉	僊	傳	僂	僖	僞	僥	僭	僣
491	僮	價	僵	儉	儁	儂	儖	儕	儔	儚
492	儡	儺	儷	儼	儻	儿	兀	兒	兌	兔
493	兢	竸	兩	兪	兮	冀	冂	囘	册	冉
494	冏	冑	冓	冕	冖	冤	冦	冢	冩	冪
495	冫	决	冱	冲	冰	况	冽	凅	凉	凛
496	几	處	凩	凭	凰	凵	凾	刄	刋	刔
497	刎	刧	刪	刮	刳	刹	剏	剄	剋	剌
498	剞	剔	剪	剴	剩	剳	剿	剽	劍	劔
499	劒	剱	劈	劑	辨					
500		辧	劬	劭	劼	劵	勁	勍	勗	勞
501	勣	勦	飭	勠	勳	勵	勸	勹	匆	匈
502	甸	匍	匐	匏	匕	匚	匣	匯	匱	匳
503	匸	區	卆	卅	丗	卉	卍	凖	卞	卩
504	卮	夘	卻	卷	厂	厖	厠	厦	厥	厮
505	厰	厶	參	簒	雙	叟	曼	燮	叮	叨
506	叭	叺	吁	吽	呀	听	吭	吼	吮	吶
507	吩	吝	呎	咏	呵	咎	呟	呱	呷	呰
508	咒	呻	咀	呶	咄	咐	咆	哇	咢	咸
509	咥	咬	哄	哈	咨					
510		咫	哂	咤	咾	咼	哘	哥	哦	唏
511	唔	哽	哮	哭	哺	哢	唹	啀	啣	啌
512	售	啜	啅	啖	啗	唸	唳	啝	喙	喀
513	咯	喊	喟	啻	啾	喘	喞	單	啼	喃
514	喩	喇	喨	嗚	嗅	嗟	嗄	嗜	嗤	嗔
515	嘔	嗷	嘖	嗾	嗽	嘛	嗹	噎	噐	營
516	嘴	嘶	嘲	嘸	噫	噤	嘯	噬	噪	嚆
517	嚀	嚊	嚠	嚔	嚏	嚥	嚮	嚶	嚴	囂
518	嚼	囁	囃	囀	囈	囎	囑	囓	囗	囮
519	囹	圀	囿	圄	圉					
520		圈	國	圍	圓	團	圖	嗇	圜	圦
521	圷	圸	坎	圻	址	坏	坩	埀	垈	坡
522	坿	垉	垓	垠	垳	垤	垪	垰	埃	埆
523	埔	埒	埓	堊	埖	埣	堋	堙	堝	塲
524	堡	塢	塋	塰	毀	塒	堽	塹	墅	墹
525	墟	墫	墺	壞	墻	墸	墮	壅	壓	壑
526	壗	壙	壘	壥	壜	壤	壟	壯	壺	壹
527	壻	壼	壽	夂	夊	夐	夛	梦	夥	夬
528	夭	夲	夸	夾	竒	奕	奐	奎	奚	奘
529	奢	奠	奧	奬	奩					
530		奸	妁	妝	佞	侫	妣	妲	姆	姨
531	姜	妍	姙	姚	娥	娟	娑	娜	娉	娚
532	婀	婬	婉	娵	娶	婢	婪	媚	媼	媾
533	嫋	嫂	媽	嫣	嫗	嫦	嫩	嫖	嫺	嫻
534	嬌	嬋	嬖	嬲	嫐	嬪	嬶	嬾	孃	孅
535	孀	孑	孕	孚	孛	孥	孩	孰	孳	孵
536	學	斈	孺	宀	它	宦	宸	寃	寇	寉
537	寔	寐	寤	實	寢	寞	寥	寫	寰	寶
538	寳	尅	將	專	對	尓	尠	尢	尨	尸
539	尹	屁	屆	屎	屓					
540		屐	屏	孱	屬	屮	乢	屶	屹	岌
541	岑	岔	妛	岫	岻	岶	岼	岷	峅	岾
542	峇	峙	峩	峽	峺	峭	嶌	峪	崋	崕
543	崗	嵜	崟	崛	崑	崔	崢	崚	崙	崘
544	嵌	嵒	嵎	嵋	嵬	嵳	嵶	嶇	嶄	嶂
545	嶢	嶝	嶬	嶮	嶽	嶐	嶷	嶼	巉	巍
546	巓	巒	巖	巛	巫	已	巵	帋	帚	帙
547	帑	帛	帶	帷	幄	幃	幀	幎	幗	幔
548	幟	幢	幤	幇	幵	并	幺	麼	广	庠
549	廁	廂	廈	廐	廏					
550		廖	廣	廝	廚	廛	廢	廡	廨	廩
551	廬	廱	廳	廰	廴	廸	廾	弃	弉	彝
552	彜	弋	弑	弖	弩	弭	弸	彁	彈	彌
553	彎	弯	彑	彖	彗	彙	彡	彭	彳	彷
554	徃	徂	彿	徊	很	徑	徇	從	徙	徘
555	徠	徨	徭	徼	忖	忻	忤	忸	忱	忝
556	悳	忿	怡	恠	怙	怐	怩	怎	怱	怛
557	怕	怫	怦	怏	怺	恚	恁	恪	恷	恟
558	恊	恆	恍	恣	恃	恤	恂	恬	恫	恙
559	悁	悍	惧	悃	悚					
560		悄	悛	悖	悗	悒	悧	悋	惡	悸
561	惠	惓	悴	忰	悽	惆	悵	惘	慍	愕
562	愆	惶	惷	愀	惴	惺	愃	愡	惻	惱
563	愍	愎	慇	愾	愨	愧	慊	愿	愼	愬
564	愴	愽	慂	慄	慳	慷	慘	慙	慚	慫
565	慴	慯	慥	慱	慟	慝	慓	慵	憙	憖
566	憇	憬	憔	憚	憊	憑	憫	憮	懌	懊
567	應	懷	懈	懃	懆	憺	懋	罹	懍	懦
568	懣	懶	懺	懴	懿	懽	懼	懾	戀	戈
569	戉	戍	戌	戔	戛					
570		戞	戡	截	戮	戰	戲	戳	扁	扎
571	扞	扣	扛	扠	扨	扼	抂	抉	找	抒
572	抓	抖	拔	抃	抔	拗	拑	抻	拏	拿
573	拆	擔	拈	拜	拌	拊	拂	拇	抛	拉
574	挌	拮	拱	挧	挂	挈	拯	拵	捐	挾
575	捍	搜	捏	掖	掎	掀	掫	捶	掣	掏
576	掉	掟	掵	捫	捩	掾	揩	揀	揆	揣
577	揉	插	揶	揄	搖	搴	搆	搓	搦	搶
578	攝	搗	搨	搏	摧	摯	摶	摎	攪	撕
579	撓	撥	撩	撈	撼					
580		據	擒	擅	擇	撻	擘	擂	擱	擧
581	舉	擠	擡	抬	擣	擯	攬	擶	擴	擲
582	擺	攀	擽	攘	攜	攅	攤	攣	攫	攴
583	攵	攷	收	攸	畋	效	敖	敕	敍	敘
584	敞	敝	敲	數	斂	斃	變	斛	斟	斫
585	斷	旃	旆	旁	旄	旌	旒	旛	旙	无
586	旡	旱	杲	昊	昃	旻	杳	昵	昶	昴
587	昜	晏	晄	晉	晁	晞	晝	晤	晧	晨
588	晟	晢	晰	暃	暈	暎	暉	暄	暘	暝
589	曁	暹	曉	暾	暼					
590		曄	暸	曖	曚	曠	昿	曦	曩	曰
591	曵	曷	朏	朖	朞	朦	朧	霸	朮	朿
592	朶	杁	朸	朷	杆	杞	杠	杙	杣	杤
593	枉	杰	枩	杼	杪	枌	枋	枦	枡	枅
594	枷	柯	枴	柬	枳	柩	枸	柤	柞	柝
595	柢	柮	枹	柎	柆	柧	檜	栞	框	栩
596	桀	桍	栲	桎	梳	栫	桙	档	桷	桿
597	梟	梏	梭	梔	條	梛	梃	檮	梹	桴
598	梵	梠	梺	椏	梍	桾	椁	棊	椈	棘
599	椢	椦	棡	椌	棍					
600		棔	棧	棕	椶	椒	椄	棗	棣	椥
601	棹	棠	棯	椨	椪	椚	椣	椡	棆	楹
602	楷	楜	楸	楫	楔	楾	楮	椹	楴	椽
603	楙	椰	楡	楞	楝	榁	楪	榲	榮	槐
604	榿	槁	槓	榾	槎	寨	槊	槝	榻	槃
605	榧	樮	榑	榠	榜	榕	榴	槞	槨	樂
606	樛	槿	權	槹	槲	槧	樅	榱	樞	槭
607	樔	槫	樊	樒	櫁	樣	樓	橄	樌	橲
608	樶	橸	橇	橢	橙	橦	橈	樸	樢	檐
609	檍	檠	檄	檢	檣					
610		檗	蘗	檻	櫃	櫂	檸	檳	檬	櫞
611	櫑	櫟	檪	櫚	櫪	櫻	欅	蘖	櫺	欒
612	欖	鬱	欟	欸	欷	盜	欹	飮	歇	歃
613	歉	歐	歙	歔	歛	歟	歡	歸	歹	歿
614	殀	殄	殃	殍	殘	殕	殞	殤	殪	殫
615	殯	殲	殱	殳	殷	殼	毆	毋	毓	毟
616	毬	毫	毳	毯	麾	氈	氓	气	氛	氤
617	氣	汞	汕	汢	汪	沂	沍	沚	沁	沛
618	汾	汨	汳	沒	沐	泄	泱	泓	沽	泗
619	泅	泝	沮	沱	沾					
620		沺	泛	泯	泙	泪	洟	衍	洶	洫
621	洽	洸	洙	洵	洳	洒	洌	浣	涓	浤
622	浚	浹	浙	涎	涕	濤	涅	淹	渕	渊
623	涵	淇	淦	涸	淆	淬	淞	淌	淨	淒
624	淅	淺	淙	淤	淕	淪	淮	渭	湮	渮
625	渙	湲	湟	渾	渣	湫	渫	湶	湍	渟
626	湃	渺	湎	渤	滿	渝	游	溂	溪	溘
627	滉	溷	滓	溽	溯	滄	溲	滔	滕	溏
628	溥	滂	溟	潁	漑	灌	滬	滸	滾	漿
629	滲	漱	滯	漲	滌					
630		漾	漓	滷	澆	潺	潸	澁	澀	潯
631	潛	濳	潭	澂	潼	潘	澎	澑	濂	潦
632	澳	澣	澡	澤	澹	濆	澪	濟	濕	濬
633	濔	濘	濱	濮	濛	瀉	瀋	濺	瀑	瀁
634	瀏	濾	瀛	瀚	潴	瀝	瀘	瀟	瀰	瀾
635	瀲	灑	灣	炙	炒	炯	烱	炬	炸	炳
636	炮	烟	烋	烝	烙	焉	烽	焜	焙	煥
637	煕	熈	煦	煢	煌	煖	煬	熏	燻	熄
638	熕	熨	熬	燗	熹	熾	燒	燉	燔	燎
639	燠	燬	燧	燵	燼					
640		燹	燿	爍	爐	爛	爨	爭	爬	爰
641	爲	爻	爼	爿	牀	牆	牋	牘	牴	牾
642	犂	犁	犇	犒	犖	犢	犧	犹	犲	狃
643	狆	狄	狎	狒	狢	狠	狡	狹	狷	倏
644	猗	猊	猜	猖	猝	猴	猯	猩	猥	猾
645	獎	獏	默	獗	獪	獨	獰	獸	獵	獻
646	獺	珈	玳	珎	玻	珀	珥	珮	珞	璢
647	琅	瑯	琥	珸	琲	琺	瑕	琿	瑟	瑙
648	瑁	瑜	瑩	瑰	瑣	瑪	瑶	瑾	璋	璞
649	璧	瓊	瓏	瓔	珱					
650		瓠	瓣	瓧	瓩	瓮	瓲	瓰	瓱	瓸
651	瓷	甄	甃	甅	甌	甎	甍	甕	甓	甞
652	甦	甬	甼	畄	畍	畊	畉	畛	畆	畚
653	畩	畤	畧	畫	畭	畸	當	疆	疇	畴
654	疊	疉	疂	疔	疚	疝	疥	疣	痂	疳
655	痃	疵	疽	疸	疼	疱	痍	痊	痒	痙
656	痣	痞	痾	痿	痼	瘁	痰	痺	痲	痳
657	瘋	瘍	瘉	瘟	瘧	瘠	瘡	瘢	瘤	瘴
658	瘰	瘻	癇	癈	癆	癜	癘	癡	癢	癨
659	癩	癪	癧	癬	癰					
660		癲	癶	癸	發	皀	皃	皈	皋	皎
661	皖	皓	皙	皚	皰	皴	皸	皹	皺	盂
662	盍	盖	盒	盞	盡	盥	盧	盪	蘯	盻
663	眈	眇	眄	眩	眤	眞	眥	眦	眛	眷
664	眸	睇	睚	睨	睫	睛	睥	睿	睾	睹
665	瞎	瞋	瞑	瞠	瞞	瞰	瞶	瞹	瞿	瞼

1st -3rd	4th digit of code									
	0	1	2	3	4	5	6	7	8	9
666	瞽	瞻	矇	矍	矗	矚	矜	矣	矮	矼
667	砌	砒	礦	砠	礪	硅	碎	硴	碆	硼
668	碚	碌	碣	碵	碪	碯	磑	磆	磋	磔
669	碾	碼	磅	磊	磬					
670		磧	磚	磽	磴	礇	礒	礑	礙	礬
671	礫	祀	祠	祗	祟	祚	祕	祓	祺	祿
672	禊	禝	禧	齋	禪	禮	禳	禹	禺	秉
673	秕	秧	秬	秡	秣	稈	稍	稘	稙	稠
674	稟	禀	稱	稻	稾	稷	穃	穗	穉	穡
675	穢	穩	龝	穰	穹	穽	窈	窗	窕	窘
676	窖	窩	竈	窰	窶	竅	竄	窿	邃	竇
677	竊	竍	竏	竕	竓	站	竚	竝	竡	竢
678	竦	竭	竰	笂	笏	笊	笆	笳	笘	笙
679	笞	笵	笨	笶	筐					
680		筺	笄	筍	笋	筌	筅	筵	筥	筴
681	筧	筰	筱	筬	筮	箝	箘	箟	箍	箜
682	箚	箋	箒	箏	筝	箙	篋	篁	篌	篏
683	箴	篆	篝	篩	簑	簔	篦	篥	籠	簀
684	簇	簓	篳	篷	簗	簍	篶	簣	簧	簪
685	簟	簷	簫	簽	籌	籃	籔	籏	籀	籐
686	籘	籟	籤	籖	籥	籬	籵	粃	粐	粤
687	粭	粢	粫	粡	粨	粳	粲	粱	粮	粹
688	粽	糀	糅	糂	糘	糒	糜	糢	鬻	糯
689	糲	糴	糶	糺	紆					
690		紂	紜	紕	紊	絅	絋	紮	紲	紿
691	紵	絆	絳	絖	絎	絲	絨	絮	絏	絣
692	經	綉	絛	綏	絽	綛	綺	綮	綣	綵
693	緇	綽	綫	總	綢	綯	緜	綸	綟	綰
694	緘	緝	緤	緞	緻	緲	緡	縅	縊	縣
695	縡	縒	縱	縟	縉	縋	縢	繆	繦	縻
696	縵	縹	繃	縷	縲	縺	繧	繝	繖	繞
697	繙	繚	繹	繪	繩	繼	繻	纃	緕	繽
698	辮	繿	纈	纉	續	纒	纐	纓	纔	纖
699	纎	纛	纜	缸	缺					
700		罅	罌	罍	罎	罐	网	罕	罔	罘
701	罟	罠	罨	罩	罧	罸	羂	羆	羃	羈
702	羇	羌	羔	羞	羝	羚	羣	羯	羲	羹
703	羮	羶	羸	譱	翅	翆	翊	翕	翔	翡
704	翦	翩	翳	翹	飜	耆	耄	耋	耒	耘
705	耙	耜	耡	耨	耿	耻	聊	聆	聒	聘
706	聚	聟	聢	聨	聳	聲	聰	聶	聹	聽
707	聿	肄	肆	肅	肛	肓	肚	肭	冐	肬
708	胛	胥	胙	胝	胄	胚	胖	脉	胯	胱
709	脛	脩	脣	脯	腋					
710		隋	腆	脾	腓	腑	胼	腱	腮	腥
711	腦	腴	膃	膈	膊	膀	膂	膠	膕	膤
712	膣	腟	膓	膩	膰	膵	膾	膸	膽	臀
713	臂	膺	臉	臍	臑	臙	臘	臈	臚	臟
714	臠	臧	臺	臻	臾	舁	舂	舅	與	舊
715	舍	舐	舖	舩	舫	舸	舳	艀	艙	艘
716	艝	艚	艟	艤	艢	艨	艪	艫	舮	艱
717	艷	艸	艾	芍	芒	芫	芟	芻	芬	苡
718	苣	苟	苒	苴	苳	苺	莓	范	苻	苹
719	苞	茆	苜	茉	苙					
720		茵	茴	茖	茲	茱	荀	茹	荐	荅
721	茯	茫	茗	茘	莅	莚	莪	莟	莢	莖
722	茣	莎	莇	莊	荼	莵	荳	荵	莠	莉
723	莨	菴	萓	菫	菎	菽	萃	菘	萋	菁
724	菷	萇	菠	菲	萍	萢	萠	莽	萸	蔆
725	菻	葭	萪	萼	蕚	蒄	葷	葫	蒭	葮
726	蒂	葩	葆	萬	葯	葹	萵	蓊	葢	蒹
727	蒿	蒟	蓙	蓍	蒻	蓚	蓐	蓁	蓆	蓖
728	蒡	蔡	蓿	蓴	蔗	蔘	蔬	蔟	蔕	蔔
729	蓼	蕀	蕣	蕘	蕈					
730		蕁	蘂	蕋	蕕	薀	薤	薈	薑	薊
731	薨	蕭	薔	薛	藪	薇	薜	蕷	蕾	薐
732	藉	薺	藏	薹	藐	藕	藝	藥	藜	藹
733	蘊	蘓	蘋	藾	藺	蘆	蘢	蘚	蘰	蘿
734	虍	乕	虔	號	虧	虱	蚓	蚣	蚩	蚪
735	蚋	蚌	蚶	蚯	蛄	蛆	蚰	蛉	蠣	蚫
736	蛔	蛞	蛩	蛬	蛟	蛛	蛯	蜒	蜆	蜈
737	蜀	蜃	蛻	蜑	蜉	蜍	蛹	蜊	蜴	蜿
738	蜷	蜻	蜥	蜩	蜚	蝠	蝟	蝸	蝌	蝎
739	蝴	蝗	蝨	蝮	蝙					
740		蝓	蝣	蝪	蠅	螢	螟	螂	螯	蟋
741	螽	蟀	蟐	雖	螫	蟄	螳	蟇	蟆	螻
742	蟯	蟲	蟠	蠏	蠍	蟾	蟶	蟷	蠎	蟒
743	蠑	蠖	蠕	蠢	蠡	蠱	蠶	蠹	蠧	蠻
744	衄	衂	衒	衙	衞	衢	衫	袁	衾	袞
745	衵	衽	袵	衲	袂	袗	袒	袮	袙	袢
746	袍	袤	袰	袿	袱	裃	裄	裔	裘	裙
747	裝	裹	褂	裼	裴	裨	裲	褄	褌	褊
748	褓	襃	褞	褥	褪	褫	襁	襄	褻	褶
749	褸	襌	褝	襠	襞					
750		襦	襤	襭	襪	襯	襴	襷	襾	覃
751	覈	覊	覓	覘	覡	覩	覦	覬	覯	覲
752	覺	覽	覿	觀	觚	觜	觝	觧	觴	觸
753	訃	訖	訐	訌	訛	訝	訥	訶	詁	詛
754	詒	詆	詈	詼	詭	詬	詢	誅	誂	誄
755	誨	誡	誑	誥	誦	誚	誣	諄	諍	諂
756	諚	諫	諳	諧	諤	諱	謔	諠	諢	諷
757	諞	諛	謌	謇	謚	諡	謖	謐	謗	謠
758	謳	鞫	謦	謫	謾	謨	譁	譌	譏	譎
759	證	譖	譛	譚	譫					
760		譟	譬	譯	譴	譽	讀	讌	讎	讒
761	讓	讖	讙	讚	谺	豁	谿	豈	豌	豎
762	豐	豕	豢	豬	豸	豺	貂	貉	貅	貊
763	貍	貎	貔	豼	貘	戝	貭	貪	貽	貲
764	貳	貮	貶	賈	賁	賤	賣	賚	賽	賺
765	賻	贄	贅	贊	贇	贏	贍	贐	齎	贓
766	賍	贔	贖	赧	赭	赱	赳	趁	趙	跂
767	趾	趺	跏	跚	跖	跌	跛	跋	跪	跫
768	跟	跣	跼	踈	踉	跿	踝	踞	踐	踟
769	蹂	踵	踰	踴	蹊					
770		蹇	蹉	蹌	蹐	蹈	蹙	蹤	蹠	踪
771	蹣	蹕	蹶	蹲	蹼	躁	躇	躅	躄	躋
772	躊	躓	躑	躔	躙	躪	躡	躬	躰	軆
773	躱	躾	軅	軈	軋	軛	軣	軼	軻	軫
774	軾	輊	輅	輕	輒	輙	輓	輜	輟	輛
775	輌	輦	輳	輻	輹	轅	轂	輾	轌	轉
776	轆	轎	轗	轜	轢	轣	轤	辜	辟	辣
777	辭	辯	辷	迚	迥	迢	迪	迯	邇	迴
778	逅	迹	迺	逑	逕	逡	逍	逞	逖	逋
779	逧	逶	逵	逹	迸					
780		遏	遐	遑	遒	逎	遉	逾	遖	遘
781	遞	遨	遯	遶	隨	遲	邂	遽	邁	邀
782	邊	邉	邏	邨	邯	邱	邵	郢	郤	扈
783	郛	鄂	鄒	鄙	鄲	鄰	酊	酖	酘	酣
784	酥	酩	酳	酲	醋	醉	醂	醢	醫	醯
785	醪	醵	醴	醺	釀	釁	釉	釋	釐	釖
786	釟	釡	釛	釼	釵	釶	鈞	釿	鈔	鈬
787	鈕	鈑	鉞	鉗	鉅	鉉	鉤	鉈	銕	鈿
788	鉋	鉐	銜	銖	銓	銛	鉚	鋏	銹	銷
789	鋩	錏	鋺	鍄	錮					
790		錙	錢	錚	錣	錺	錵	錻	鍜	鍠
791	鍼	鍮	鍖	鎰	鎬	鎭	鎔	鎹	鏖	鏗
792	鏨	鏥	鏘	鏃	鏝	鏐	鏈	鏤	鐚	鐔
793	鐓	鐃	鐇	鐐	鐶	鐫	鐵	鐡	鐺	鑁
794	鑒	鑄	鑛	鑠	鑢	鑞	鑪	鈩	鑰	鑵
795	鑷	鑽	鑚	鑼	鑾	钁	鑿	閂	閇	閊
796	閔	閖	閘	閙	閠	閨	閧	閭	閼	閻
797	閹	閾	闊	濶	闃	闍	闌	闕	闔	闖
798	關	闡	闥	闢	阡	阨	阮	阯	陂	陌
799	陏	陋	陷	陜	陞					
800		陝	陟	陦	陲	陬	隍	隘	隕	隗
801	險	隧	隱	隲	隰	隴	隶	隸	隹	雎
802	雋	雉	雍	襍	雜	霍	雕	雹	霄	霆
803	霈	霓	霎	霑	霏	霖	霙	霤	霪	霰
804	霹	霽	霾	靄	靆	靈	靂	靉	靜	靠
805	靤	靦	靨	勒	靫	靱	靹	鞅	靼	鞁
806	靺	鞆	鞋	鞏	鞐	鞜	鞨	鞦	鞣	鞳
807	鞴	韃	韆	韈	韋	韜	韭	齏	韲	竟
808	韶	韵	頏	頌	頸	頤	頡	頷	頽	顆
809	顏	顋	顫	顯	顰					
810		顱	顴	顳	颪	颯	颱	颶	飄	飃
811	飆	飩	飫	餃	餉	餒	餔	餘	餡	餝
812	餞	餤	餠	餬	餮	餽	餾	饂	饉	饅
813	饐	饋	饑	饒	饌	饕	馗	馘	馥	馭
814	馮	馼	駟	駛	駝	駘	駑	駭	駮	駱
815	駲	駻	駸	騁	騏	騅	駢	騙	騫	騷
816	驅	驂	驀	驃	騾	驕	驍	驛	驗	驟
817	驢	驥	驤	驩	驫	驪	骭	骰	骼	髀
818	髏	髑	髓	體	髞	髟	髢	髣	髦	髯
819	髫	髮	髴	髱	髷					
820		髻	鬆	鬘	鬚	鬟	鬢	鬣	鬥	鬧
821	鬨	鬩	鬪	鬮	鬯	鬲	魄	魃	魏	魍
822	魎	魑	魘	魴	鮓	鮃	鮑	鮖	鮗	鮟
823	鮠	鮨	鮴	鯀	鯊	鮹	鯆	鯏	鯑	鯒
824	鯣	鯢	鯤	鯔	鯡	鰺	鯲	鯱	鯰	鰕
825	鰔	鰉	鰓	鰌	鰆	鰈	鰒	鰊	鰄	鰮
826	鰛	鰥	鰤	鰡	鰰	鱇	鰲	鱆	鰾	鱚
827	鱠	鱧	鱶	鱸	鳧	鳬	鳰	鴉	鴈	鳫
828	鴃	鴆	鴪	鴦	鶯	鴣	鴟	鵄	鴕	鴒
829	鵁	鴿	鴾	鵆	鵈					
830		鵝	鵞	鵤	鵑	鵐	鵙	鵲	鶉	鶇
831	鶫	鵯	鵺	鶚	鶤	鶩	鶲	鷄	鷁	鶻
832	鶸	鶺	鷆	鷏	鷂	鷙	鷓	鷸	鷦	鷭
833	鷯	鷽	鸚	鸛	鸞	鹵	鹹	鹽	麁	麈
834	麋	麌	麒	麕	麑	麝	麥	麩	麸	麪
835	麭	靡	黌	黎	黏	黐	黔	黜	點	黝
836	黠	黥	黨	黯	黴	黶	黷	黹	黻	黼
837	黽	鼇	鼈	皷	鼕	鼡	鼬	鼾	齊	齒
838	齔	齣	齟	齠	齡	齦	齧	齬	齪	齷
839	齲	齶	龕	龜	龠					
840		堯	槇	遙	瑤	凜	熙			