NTT docomo

P-01E

INSTRUCTION MANUAL '12.10

docomo STYLE series

Thank you for selecting the “P-01E”.

Read this manual before use to correctly operate your P-01E.

About manual of P-01E

The operating procedures for the P-01E are also published as in “使いかたガイド (Guide)” on-screen manual installed onto your FOMA terminal, and “Instruction Manual (Detailed Version)” as a PDF. (In Japanese only)

◆“Instruction Manual” (this manual)◆

Description of the displayed content and operating procedures for basic functions

◆“使いかたガイド (Guide)” (installed onto your FOMA terminal)◆

Description of the outline and operations of frequently used functions

From the P-01E ﾒﾆｭｰ ▶便利ツール (Tool) ▶使いかたガイド (Guide)

※This function is available in Japanese mode only.

◆“Instruction Manual (Detailed Version)” (PDF)◆

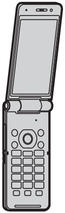
From a PC, download detailed information about all the functions and the operating procedures. (In Japanese only)

http://www.nttdocomo.co.jp/support/trouble/manual/download/index.html

※Note that the URL and published contents may be modified without notice.

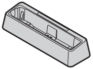
Basic Package

- P-01E Handset (With Warranty)



- Back Cover P58

- Desktop Holder P51



- Instruction Manual (Japanese version)

- Battery Pack P23

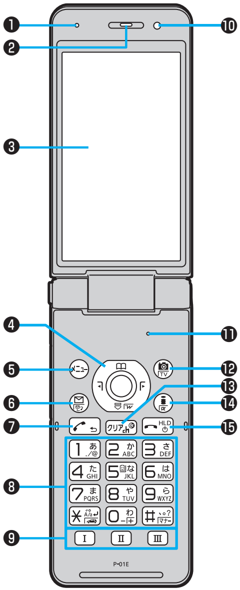
- See page 71 for optional items that support this FOMA terminal.

For Using This Manual

- Note that “P-01E” is referred to as “FOMA terminal” in this manual.
- Most operating procedures and displays in this manual are shown with the default settings of the “White” handset. Further, displays and illustrations shown in this manual are for reference. The actual ones might differ.

Contents

Part Names and Functions



❶Air vent
For adjusting the pressure inside the FOMA terminal

❷Earpiece
For listening to the other party's voice

❸Display

❹◎Command navigation key
For operating functions and menus

❺ﾒﾆｭｰMenu key
For showing the Main Menu

❻✉Mail key
For showing the Mail Menu

❼☎Start key
For starting to talk

❽Numeric keys
For entering phone numbers and text

❾ⅠⅡⅢMulti one-touch key

❿Light sensor
For sensing brightness (Do not cover it with your hands or do not put a sticker on it. Doing so might disable detecting the brightness.)

⓫Microphone
For speaking to the other party

⓬📷Camera key/1Seg key

⓭クリアClear key/i-channel key

⓮iαi-mode key/i-αppli key

⓯☎Power/End key
For turning on/off the power or ending a call

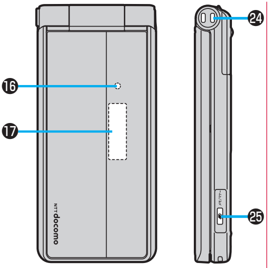
⓰Call/Charging indicator
Lights while you are receiving a call or message, or charging.

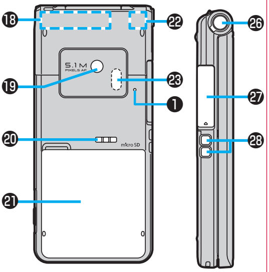
⓱Sub-display

⓲FOMA antenna※

⓳Camera
For shooting portraits and/or landscapes

⓴Speaker





㉑Back cover

Remove this when attaching/removing the battery pack, docomo mini UIM card, and microSD card.

㉒1Seg antenna※

For receiving 1Seg broadcasting

㉓Infrared data port

For using infrared communication and the infrared remote control

㉔Strap hole

㉕Multi key

For showing the Task menu

㉖One-push open button

For opening the FOMA terminal (Be careful not to drop the FOMA terminal by the rebound when opened.)

㉗Connector terminal

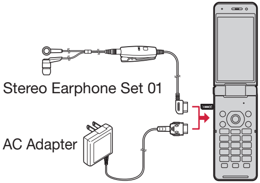
Integrated terminal for connecting earphone or for charging, etc.

For using earphone

Connect an optional connector-terminal-compatible earphone. When using a connector-terminal-non-compatible earphone, use an optional plug adapter for connection.

Example for connecting the Stereo Earphone Set 01 (option) to external connector terminal

This mobile phone serves as the port where both the AC Adapter (charging) and Stereo Earphone Set 01 (Earphone/microphone terminal) are plugged in.



㉘Charging terminal

※The antenna is embedded in the handset. Covering the area near the antenna with your hand may adversely affect the quality of the communication.

FOMA Terminal

- This FOMA terminal supports W-CDMA system.
- Because the FOMA terminal uses radio waves, you cannot use it in places where the radio waves do not reach, where they are weak even outdoors, such as inside tunnels, basements, or buildings, or out-of-service area. You might not be able to operate the FOMA terminal even when you are in a place with a fine view such as in a high-rise building or apartment. Note that you may experience interruption of calls even if the three antennas respond to a strong radio wave, and you remain without moving to use the FOMA terminal.
- Since the FOMA terminal uses radio waves as the medium of telecommunication, calls may be tapped by a third party. However, the W-CDMA system automatically supports tapping prevention, so your conversation will be incomprehensible to the third party, because it is recognized as mere noise.
- The FOMA terminals change your voice into digital signals and send them to the other party. In places where the radio waves are weak, the digital signals may not be converted correctly, and in such a case, the voice may sound different from the actual one.
- The user hereby agrees that the user shall be solely responsible for the result of the use of SSL/TLS. Neither DOCOMO nor the certifiers as listed herein make any representation and warranty as for the security in the use of SSL/TLS. In the event that the user shall sustain damage or loss due to the use of SSL/TLS, neither DOCOMO nor the certifiers shall be responsible for any such damage or loss.

  Certifiers: 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., and Go Daddy, Inc.
- This FOMA terminal supports FOMA Plus-Area and FOMA High-Speed Area.
- You are advised that you make separate notes of information (such as Phonebook entries, schedule events, memos, record messages, voice memos) stored in the FOMA terminal and keep them in a safe place. Note that we cannot be held responsible for the unlikely event of loss of the stored content due to a malfunction, repair, change of your model, or other mishandling of the FOMA terminal.
- You are advised to save your important data on the microSD card. If you have a personal computer, you can transfer and save data such as Phonebook entries, mail messages, schedule events, and others on the personal computer by using DOCOMO keitai datalink.

Precautions ALWAYS FOLLOW THESE DIRECTIONS

- Before using the FOMA terminal, read these safety precautions carefully so that you can use it correctly.
  After reading the precautions, keep them in a safe place.
- Be sure to observe these safety precautions to prevent you or those around you from inflicting injury and to avoid unnecessary damage to the property.
- The symbols below indicate the levels of danger or damage that can be caused if the particular precautions are not observed and equipments are not used properly.

⚠ **Danger**	This symbol indicates that incorrect handling will almost certainly cause death or serious injury.
⚠ **Warning**	This symbol indicates that incorrect handling poses a risk of causing death or serious injury.
⚠ **Caution**	This symbol indicates that incorrect handling poses a risk of causing a slight injury or damage to the product or property.

- The following symbols show specific directions:

Don't	Denotes actions prohibited to do.
Do not disassemble	Denotes not to disassemble the units.
Avoid Water	Denotes not to use where the equipment may get wet, and avoid get it wet.
Not wet hands	Denotes not to touch with wet hands.
Do	Denotes mandatory instructions (matters that must be complied with).
Pull the power plug out	Denotes to pull the power plug out of an outlet.

- **"Precautions" are divided into the following seven sections:**

General precautions for FOMA terminal, batteries, adapters, desktop holder, and docomo mini UIM card

Danger

Don't

Do not use, store, or leave the FOMA terminal or its accessories in places with a high temperature (such as near fire, near heating appliances, inside a kotatsu or near other furniture with heating elements, in places exposed to direct sunlight, or in cars heated by the sun).

Fire, burns, or injury may result.

Don't

Do not place the FOMA terminal or its accessories inside cooking appliances such as microwave ovens or high-pressure containers.

Fire, burns, injury or electric shock may result.

Do not disassemble

Do not attempt to disassemble or remodel the FOMA terminal or its accessories.

Fire, burns, injury or electric shock may result.

Avoid Water

Do not allow the FOMA terminal or its accessories to get wet either from water, drinking water or pet urine, etc.

Fire, burns, injury or electric shock may result.
See “Waterproof/Dust-proof Performance” on page 15 for details on waterproof performance.

Do

With your FOMA terminal, use the batteries and adapters specified by NTT DOCOMO, INC.

Fire, burns, injury or electric shock may result.

Warning

Don't

Do not throw the FOMA terminal or accessories, or subject them to severe force or shocks.

Fire, burns, injury or electric shock may result.

Don't

Do not allow electrically conductive foreign objects (such as metal pieces or pencil leads) to come into contact with the FOMA terminal's charging terminal or connector terminal. Do not allow such objects to enter into the FOMA terminal.

Fire, burns, injury or electric shock may result.

Don't

Do not cover or wrap the FOMA terminal or its accessories with a cushion, etc. while it is being used or recharged.

Fire or burns may result.

Do

Before entering a gas station or other places where flammable gases are generated, be absolutely sure to turn off the FOMA terminal and stop charging if it is being charged.

Otherwise, the flammable gases may ignite.

Do

If odor, overheat, discoloration, or deformation is detected during use, battery charge, or storage, immediately follow the instructions below:

- **Pull the power plug out of the outlet or cigarette lighter socket.**
- **Turn off the power of the FOMA terminal.**
- **Remove the battery pack from the FOMA terminal.**

Fire, burns, injury or electric shock may result.

Caution

Don't

Do not place the FOMA terminal or accessories on unstable locations such as wobbly tables or slanted locations.

They may fall off and cause injury.

Don't

Do not store in humid or dusty places, or in high temperature environments.

Fire, burns or electric shock may result.

Do

If the FOMA terminal and its accessories are used by a child, a guardian should explain how to operate them correctly. During use, a guardian should also check that they are being used as instructed.

Otherwise, injury may result.

Do

Keep out of the reach of babies and infants.

Accidental swallowing or injury may result.

Do

Take special care when you use the FOMA terminal for a long time with the adapter connected.

If you use the i-αppli programs, talk on the videophone, watch 1Seg programs and so on for a prolonged period of time while charging, the temperature of the FOMA terminal, battery pack or adapter may rise.
If you keep direct contact with high-temperature parts, redness, itching, a rash or low-temperature skin burns may result depending on the state of your physical condition or constitution.

Precautions for FOMA terminal

⚠ Warning

Don't

Do not directly point the infrared data port at someone's eyes during transmission.

Doing so may harm the person's eyes.

Don't

While using infrared communication, do not point the FOMA terminal's infrared data port at a home electrical appliance which is equipped with an infrared device.

The infrared device may malfunction, and possibly cause an accident.

Don't

Do not allow liquids such as water, or foreign materials such as metal pieces or flammable materials to get into the docomo mini UIM card or microSD card slot of the FOMA terminal.

Fire, burns, injury or electric shock may result.

Do

Turn off the FOMA terminal in places where use is prohibited such as in airplanes and hospitals.

Otherwise, the electronic devices and electronic medical equipment in those places may be adversely affected. If the Auto power ON function is set, deactivate the setting, then turn off the power.
For use inside medical facilities, make sure that you comply with their regulations.
Engaging in any prohibited acts such as using the FOMA terminal in an airplane is punishable by law.
However, it may be possible to use a FOMA terminal in an airplane, such as by setting radio wave emission to off. Comply with the instructions given by the airline company.

Do

When talking in Hands-free mode or when a ring tone is sounding, be absolutely sure to keep the FOMA terminal away from your ear.
Further, when you play games or play back music with the earphone/microphone etc. connected, adjust the sound volume to moderate volume.

The excessive sound volume impairs your hearing.
Further, accidents may result due to the hardness of hearing of surrounding sound.

Do

For those with weak heart conditions, the vibrator and ring volume must be adjusted carefully.

Otherwise, the functions may adversely affect your heart.

Do

If you are using an electronic medical device or other type of device, check with its manufacturer or vendor as to whether it will be affected by the signals from the FOMA terminal.

The FOMA terminal may adversely affect the device.

Do

Turn off the FOMA terminal when near electronic devices using high-precision control or weak signals.

The FOMA terminal may cause the electronic devices to malfunction and have other adverse effects.

※Electronic devices that may be affected:
Hearing aids, implanted cardiac pacemakers, implanted defibrillators, other electronic medical equipment, fire alarms, automatic doors and other automatically controlled devices.
If you use an implanted cardiac pacemaker, implanted defibrillator or any other electronic medical equipment, consult the manufacturer or retailer of the device for advice regarding possible effects from the radio waves.

Do

If the display part or camera lens is broken, be careful about broken glasses or the exposed interior of the FOMA terminal.

A plastic panel is used for the surface of the display area and camera lens, making it hard for the glass to break into pieces. However, if you touch the damaged or exposed parts by mistake, you may injure yourself.

Caution

Don't

Do not swing around the FOMA terminal by its strap or other parts.

You may hit yourself or others, possibly causing injury or other accidents.

Don't

Do not use the FOMA terminal if it has been damaged.

Fire, burns, injury or electric shock may result.

Don't

If you accidentally damage the display part and the substance inside leaks out, keep your face, hands and skin away from it.

Otherwise, you may impair your eyesight or damage your skin.
If this substance should get into your eyes or mouth, immediately rinse them with clean water, and then seek medical attention.
If it should adhere to your skin or clothing, immediately wipe it off with alcohol or similar liquid, and then rinse the affected area with soap and water.

Don't

Do not open the FOMA terminal by pressing the one-push open button near persons around you or your face.

The FOMA terminal may hit you or persons around you, causing accidents and injuries.

Do

Before using the FOMA terminal inside a car, check with its manufacturer or dealer whether the signals from the FOMA terminal will have any adverse effects.

In some vehicle models, the signals may adversely affect the electronic devices inside the vehicle. Such cases are rare. However, if this happens, stop using the FOMA terminal immediately.

Do

Itching, rash or eczema may be caused depending on your physical conditions or predisposition. If an abnormality occurs, stop using the FOMA terminal immediately, and then seek medical attention.

See "List of materials used" on page 12 for material of each part.

Do

Be careful not to get your finger or a strap caught in the parts when you close or open the FOMA terminal.

Otherwise, injury or other accidents may result.

Do

View the display in a sufficiently light place keeping a certain distance from your eyes.

Otherwise, your eyesight may become impaired.

Precautions for batteries

■ **Check the description on the label of the battery pack for the type of battery.**

Description	Type
Li-ion 00	Lithium-ion battery

Danger

Don't **Do not let any metal object such as a wire come in contact with the battery terminals. Also do not carry or store the battery together with any metal objects like a necklace.**
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

Don't **When installing the battery in the FOMA terminal, check that it is facing the right way, and if the battery cannot be installed easily, do not force it into place.**
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

Don't **Do not throw the battery into fire.**
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

Don't **Do not pierce it with nails, hit it with a hammer, or step on it.**
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

Do **If the battery fluid or other material gets into your eyes, do not rub them. Flush your eyes with clean water and seek medical attention immediately.**
Otherwise, the loss of eyesight may result.

Warning

Don't **Never use the FOMA terminal if it has damages such as deformities or scratches as a result of dropping it.**
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

Do **Immediately stop using the FOMA terminal and keep it away from fire if the battery leaks or emits an odor.**
The leaked battery fluid may ignite, causing fire or burst.

Do **Be careful that your pets do not bite into the battery pack.**
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

Caution

Don't **Do not dispose of the exhausted battery with other waste.**
The battery may catch fire or damage the environment. After insulating the battery terminals with tape, take the unneeded battery to a handling counter such as a docomo Shop or dispose of it in accordance with local waste disposal regulations.

Don't **Do not use or attempt to charge a wet battery.**
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

Do **If the electrolyte fluid or other material inside the battery has leaked out, do not allow it to come into contact with the skin on your face, hands or any other part of your body.**
Contact may result in loss of sight or skin problems.
If you get the fluid or other material in your eyes or mouth, or on skin or clothing, immediately wash the affected areas with clean water.
If you get it in your eyes or mouth, immediately seek medical attention after rinsing.

Precautions for adapters and desktop holder

Warning

Don't

Do not use the adapter if its cord has been damaged.

Fire, burns or electric shock may result.

Don't

Do not use the AC adapter and desktop holder in humid places such as a bathroom.

Fire, burns or electric shock may result.

Don't

The DC adapter is for use only in a negative (-) grounded vehicle. Do not use it in a positive (+) grounded vehicle.

Fire, burns or electric shock may result.

Don't

If a thunderstorm is nearby, do not touch the adapter.

Otherwise, you may receive an electric shock.

Don't

Never short-circuit the charging terminal when the adapter is plugged into the power outlet or cigarette lighter socket. Also, never touch the charging terminal with fingers or other bare skin.

Fire, burns or electric shock may result.

Don't

Do not place heavy objects on the adapter cord.

Fire, burns or electric shock may result.

Don't

When plugging the AC adapter into the power outlet, or when unplugging it from the outlet, do not allow metal straps or other metal objects to come in contact with it.

Fire, burns or electric shock may result.

Not wet hands

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

Fire, burns or electric shock may result.

Do

Use the adapter at the specified V AC.
When charging the FOMA terminal overseas, use the AC adapter available for use overseas to charge the FOMA terminal.

Supplying the wrong voltage to the AC adapter may result in a fire, burns or electric shocks.
AC adapter: 100 V AC
DC adapter: 12/24 V DC
[For negative (-) grounded vehicles only]
AC adapter available for use overseas: 100 V to 240 V AC
[Connect only to household AC outlet]

Do

If a fuse of the DC adapter has blown, replace it with a specified fuse.

Fire, burns or electric shock may result.
For the specified fuse, refer to each instruction manual.

Do

Keep the power plugs dust-free.

Fire, burns or electric shock may result.

Do

When plugging the AC adapter into the power outlet, plug it in securely.

Fire, burns or electric shock may result.

Do

When unplugging the power plug from the power outlet or cigarette lighter socket, do not yank the adapter cord, but take hold of the adapter to unplug it.

Fire, burns or electric shock may result.

Pull the power plug out

When you do not intend to use the adapter for a long period of time, disconnect the power plug from the power outlet or cigarette lighter socket.

Fire, burns or electric shock may result.

Pull the power plug out

If liquids such as water get in the adapter, unplug the power cord immediately from the outlet or cigarette lighter socket.

Fire, burns or electric shock may result.

Pull the power plug out

Before cleaning, pull the power plug out of the outlet or cigarette lighter socket.

Fire, burns or electric shock may result.

Precautions for docomo mini UIM card

Caution

Do

Be careful not to touch the cut surface of the docomo mini UIM card when removing it.

Otherwise, injury may result.

Notes on using near electronic medical equipment

■**The description below meets "Guidelines on the Use of Radio-communication Equipment such as Cellular Telephones – Safeguards for Electronic Medical Equipment" by the Electromagnetic Compatibility Conference Japan.**

Warning

Do

Comply with the following in hospitals or health care facilities:

- Do not carry the FOMA terminal into operating rooms, intensive care units (ICU) or coronary care units (CCU).
- Turn off the FOMA terminal in hospital wards.
- If there is any electronic medical equipment near you, turn off the FOMA terminal even when in a location such as a lobby.
- Comply with any regulations of hospital and health care facilities instructing you not to use or carry in a mobile phone.
- If the Auto power ON function is set, deactivate the setting, then turn off the power.

Do

Turn off the FOMA terminal in trains during the rush hour or other crowded areas as there may be someone near you with an implanted cardiac pacemaker or implanted defibrillator.

The FOMA terminal's signals may adversely affect the operation of implanted cardiac pacemakers and implanted defibrillators.

Do

If you use electronic medical equipment such as an implanted cardiac pacemaker or implanted defibrillator, use the FOMA terminal 22 cm or more away from an implanted cardiac pacemaker or implanted defibrillator.

The FOMA terminal's signals may adversely affect the operation of electronic medical equipment.

Do

Patients using electronic medical equipment other than implanted cardiac pacemakers or implanted defibrillators (outside medical establishments for treatment at home, etc.) should check the influence of radio waves upon the equipment by consulting its manufacturer.

The FOMA terminal's signals may adversely affect the operation of electronic medical equipment.

List of materials used

P-01E Handset/Back Cover P58/Battery Pack P23

Where it is used		Material/Finishing
Outer casing	Display surface, Battery surface, Battery surface (Hinge side)	PC/UV coating
Connector terminal		Stainless steel/ nickel plating + tin plating
Connector terminal cover	Body	PC/UV coating
	Fitting pin area	Elastomer
	Packing	Silicon rubber
Panel of camera lens area, Display panel, Sub-display panel		PMMA/hard coating
Side key		ABS
Around the side key		ABS/UV coating
Charging terminal		Brass/nickel plating + nickel palladium plating + gold plating
Key area, Sheet area of numeric key surface		Acrylic urethane
Battery compartment surface		Stainless steel/ nickel plating
Battery terminal	Resin part	PA
	Terminal area	Titanium copper/ nickel plating + gold plating
Battery pack	Resin part	PC
	Label	PET
	Terminal area	Glass epoxy substrate/nickel plating + gold plating
docomo mini UIM card tray	Resin part	LCP
	Metal part	Stainless steel/ nickel plating + gold plating
Hinge area	Center area of display surface, Hinge support area, Both ends area	PC/UV coating
	Center area of sub-display surface	ABS/UV coating
Label (Battery compartment)		PET
Back cover	Body	PC/UV coating
	Packing	Silicon rubber
One-push open button		PC

Desktop Holder P51

Where it is used	Material/Finishing
Outer casing	ABS
Connector terminal	PPS
Cushion	Urethane
Charging terminal	Phosphor bronze/ nickel plating + gold plating
Label	PS
Lever	POM

Handling Precautions

General notes

■The P-01E is provided with the waterproof/dust-proof performance, however, do not allow water to seep or dust to get in the inside of the FOMA terminal, or do not allow accessories and optional items to get wet or adhere dust.

The battery, adapter, desktop holder, and docomo mini UIM card are not waterproofed/dust-proofed. Do not use them in environments, which are high in humidity such as in bathrooms, and do not allow them to get wet from rain. Furthermore, if carrying them against your body, they become moist due to perspiration and the internal parts may become corroded, causing malfunction. If the parts are found to have been damaged due to exposure to the liquids, any repairs will not be covered by warranty, or repairs may not be possible. This may be repaired at a cost if repairs are possible.

■**Use a dry soft cloth such as the one for cleaning glasses to clean the equipment.**

- The display may be scratched if it is rubbed hard with a dry cloth.
- Stains may result from droplets of water or dirt if they are left on the display.
- Do not use alcohol, thinner, benzene, detergent or other solvents for cleaning, otherwise the printing may be removed or discoloration may result.

■**Occasionally clean the terminals of the equipment using a dry cotton swab, etc.**

The soiled terminals deteriorate the connection and might cause power discontinuity or incomplete charging. Wipe the terminals with a cotton swab, etc.

Take care not to damage the terminals when cleaning them.

■**Do not place the FOMA terminal near an air conditioner outlets.**

Condensation may form due to rapid changes in temperature, and this may corrode internal parts and cause malfunction.

■**Do not apply excessive force onto the FOMA terminal and battery pack.**

If you put the FOMA terminal in a bag along with many other articles or sit with the FOMA terminal in a clothes pocket, the display, internal circuitry and the battery pack could be damaged or malfunction.

Also, if an external device is left connected to the connector terminal (earphone/ microphone terminal), the connector could be damaged, or malfunction.

■**Do not rub or scratch the display part with metals.**

Doing so might cause damage to the part, resulting in trouble or malfunction.

■**Carefully read each instruction manual attached to optional items.**

Notes on handling the FOMA terminal

■**Avoid using in extremely high or low temperatures.**

The FOMA terminal should be used within a temperature range of 5° C to 35° C and a humidity range of 45% to 85%.

■**If the FOMA terminal is operated near a land-line phone, television set, radio or other devices in use, it may adversely affect the devices. Operate the FOMA terminal as far away from these devices as possible.**

■**It is recommended that you make separate notes of the information stored in the FOMA terminal and keep such notes in a safe place.**

We take no responsibility for any loss of the stored data items.

■**Do not drop the FOMA terminal or subject it to strong impacts.**

Malfunction or damage may result.

■**Do not insert an external device to the connector terminal (earphone/ microphone terminal) at a slant when connecting, and do not pull it out when it is inserted.**

Malfunction or damage may result.

■**Make sure that nothing, such as a strap, gets caught between the parts of the FOMA terminal when you close it.**

Otherwise, malfunction or damage may result.

■**The FOMA terminal becomes warm during use or charging but this is not an abnormality. Use the FOMA terminal as it is.**

■**Do not leave the camera in places exposed to direct sunlight.**

Pixels may be discolored or burns may result.

■**When using the FOMA terminal, ensure that you shut the cover for the connector terminal.**

Dust or water might enter into the FOMA terminal, causing malfunction.

■**Do not use the FOMA terminal with the back cover left removed.**

The battery pack might come out, or malfunction or damage may result.

■**Do not apply an excessively thick sticker onto the surfaces of the display or keys.**

Otherwise, malfunctioning, damage or problems with operation may result.

■**While you are using the microSD card, never take it off or turn off the power of the FOMA terminal.**

Data may be erased or malfunction may result.

■**Do not place magnetic cards or similar objects near the FOMA terminal or between phone parts.**

Magnetic data on cash cards, credit cards, telephone cards and floppy disks, etc. may be deleted.

■**Do not bring magnetic substances close to your FOMA terminal.**

Problems with operation may result if items with strong magnetic fields are brought close to the FOMA terminal.

Notes on handling batteries

■**Batteries have a limited life.**

Though it varies depending on the usage state, you are advised to replace the battery if its usable time is extremely short even when you fully charge it. Make sure that you buy the specified battery.

■**Charge the battery in a place with an appropriate ambient temperature of 5° C to 35° C.**

■**The usable time of the battery differs depending on the usage environment or its remaining life.**

■**Depending on how the battery pack is used, it might swell as its operating life becomes short, but this is not a problem.**

■**Note the following points when you store a battery pack:**

- Storage in a fully charged state (the state immediately after charging is completed)
- Storage with no battery power left (the state you cannot turn on the power of the handset due to battery drain)

These may lower the battery pack's performance and shorten its operating life. Before storing a battery, check its remaining battery level: it is recommendable, as a general rule, for the battery icon to show two bars or for its remaining battery level to be about 40%.

Notes on handling adapters and desktop holder

■**Charge the battery in a place with an appropriate ambient temperature of 5° C to 35° C.**

■**Charge the battery where:**

- There is very little humidity, vibration, and dust.
- There are no land-line phones, television sets or radios nearby.

■**While you are charging, the adapter may become warm. This is not a malfunction, so you can keep on using.**

■**Do not use the DC adapter for charging the battery when the car engine is not running.**
The car battery could go flat.

■**When using the power outlet having the disengaging prevention mechanism, observe the instructions given in that instruction manual.**

■**Do not give a strong shock. Also, do not deform the charging terminal.**
Malfunction may result.

Notes on handling the docomo mini UIM card

■**Do not apply more force than is necessary when installing or removing the docomo mini UIM card.**

■**The warranty does not cover damage caused by inserting the docomo mini UIM card into some other types of IC card reader/writer.**

■**Always keep the IC portion clean.**

■**Use a dry soft cloth such as the one for cleaning glasses to clean the equipment.**

■**It is recommended that you make separate notes of the information stored on the docomo mini UIM card and keep such notes in a safe place.**
We take no responsibility for any loss of the stored data items.

■**For the environmental protection, bring unneeded docomo mini UIM card to a handling counter such as a docomo Shop.**

■**Do not damage, carelessly touch, or short-circuit the IC.**
Data might be lost or malfunction may result.

■**Do not drop the docomo mini UIM card or subject it to strong impacts.**
Malfunction may result.

■**Do not bend the docomo mini UIM card or place something heavy on it.**
Malfunction may result.

■**Into the FOMA terminal, do not insert the docomo mini UIM card with a label or sticker pasted.**
Malfunction may result.

Caution

■**Do not use the modified FOMA terminal. Using a modified FOMA terminal infringes the Radio Law.**
The FOMA terminals are granted technical regulations conformity certification as the specified radio equipment under the Radio Law and bear a "technical conformity mark 〶" on the nameplate as evidence of conformity.
Unscrewing the FOMA terminal and modifying internal components void the technical regulations conformity certification. Do not use the FOMA terminal in this state, which infringes the Radio Law.

■**Take special care not to operate the FOMA terminal while driving.**
Holding a mobile phone in your hand while driving is subject to a fine or other penalties.
However, this does not apply in unavoidable circumstances when, for instance, responding to someone who is sick or injured or when maintaining public order.

Waterproof/Dust-proof Performance

Your P-01E is capable of IPX5※1 and IPX7※2 waterproof performance and IP5X※3 dust-proof performance if the connector terminal cover and back cover are firmly closed and no clearance gap and float found in them.

※1 IPX5 means that the P-01E maintains its performance as a phone even after a water jet flow has been sprayed over the FOMA terminal from all directions under conditions where water in a volume of 12.5 liters/minute is sprayed from a distance of about 3 meters for at least 3 minutes using a water-pouring nozzle with an inside diameter of 6.3 mm.

※2 IPX7 means that the P-01E maintains its performance as a phone even after the phone has been gently submerged in a container of still city water to a depth of 1 meter at room temperature, and left in place for about 30 minutes, and then removed from the water.

※3 IP5X refers to the degree of protection, and indicates that the mobile phone has been tested by placing it in a chamber wherein dust particles measuring 75 μm in diameter or smaller are circulated for 8 hours, and then when the mobile phone is removed, it maintains correct operation as a phone and remains safe.

(Note) This does not mean that the waterproof performance is guaranteed in all given conditions of actual use. Read this manual thoroughly before use to prevent invasion of water or foreign materials and then to enable you to safely use your FOMA terminal.

You can operate the FOMA terminal in the rain, in your kitchen, and also around poolside.

In the Rain

- You can talk on the phone by holding the phone in the rain with your wet hand without umbrella. (Less than 20 mm/hour of rainfall, and your feet get wet by drops of rain rebounded off the ground)

※When your hands are wet or water drops remain on the FOMA terminal, do not attach/remove the back cover, nor open/close the connector terminal cover.

Wash

Soap/detergent

- When the FOMA terminal gets dirty, you can slowly swing and wash it in a bowl filled with fresh water or tap water at an ambient temperature, or wash it by hand while running a slightly-weak water flow from a faucet.
- Wash your FOMA terminal with the back cover firmly attached and while you are pushing the cover of the connector terminal down.
- Do not use brushes, sponges, soaps, or detergents for washing.
- After rinsing off the FOMA terminal in water, wipe its surfaces thoroughly using a dry cloth, drain off the water (see page 18), and allow the FOMA terminal to dry out naturally.

On Leisure

- Do not soak or drop your FOMA terminal into a pool or the sea nor operate it in water.

Sea/pool

- If pool water or seawater splash the FOMA terminal, wash the terminal by following the prescribed method (see page 15).

In the Kitchen

- Do not spray liquids other than fresh water or tap water at room temperature onto the FOMA terminal or soak the terminal in them.
- Do not spray hot water or cold water onto the FOMA terminal or soak it in them.

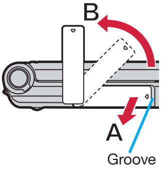
Important Information before Use

- Before using the FOMA terminal, make sure that you attach the back cover firmly after tightly closing the connector terminal cover. If there is any small particles (fine fibers, hair or grains of sand) between the covers and the phone, water or dust could find its way inside the phone. When attaching the back cover after closing the connector terminal cover, ensure that there is no particles or dirt on or around these parts (especially the packing).
- Ensure that the connector terminal cover and back cover are closed tightly and that none of these covers are askew. If the covers are not closed tightly, water or dust could find its way inside the FOMA terminal.
- To keep the waterproof/dust-proof performance, we recommend replacing parts once every two years regardless of whether any irregularities are present. You are charged for replacement of parts. Take your FOMA terminal to a repair counter specified by DOCOMO.

Opening/Closing the Connector Terminal Cover

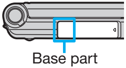
■Opening the connector terminal cover

①Hook your fingertip over the groove, pull out the cover to direction A, and rotate it as direction B.



■Closing the connector terminal cover

①Align the connector terminal cover in parallel with the FOMA terminal, and while holding its base part firmly, push it into place.

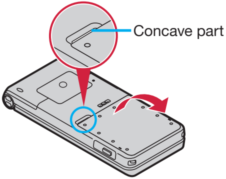


②Ensure that no float is found with the connector terminal cover as a whole.

Removing/Attaching the Back Cover

■Removing the back cover

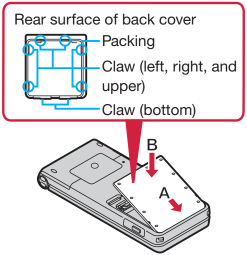
①Hook your fingertip over the concave part of the FOMA terminal, lift up in the direction of the arrow to remove the back cover.



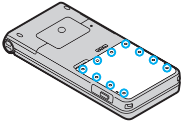
- Removing the back cover might produce a sound.
- The back cover should be firmly closed for maintaining waterproofness/dust-proofness. Opening the cover forcibly may injure your nails or fingers.

■Attaching the back cover

①Fit the claws at the bottom side of the back cover to the FOMA terminal securely (A), and fit the claws at the left, right and upper sides of the back cover into the corresponding indentations, and push the cover into place (B).



②Push the 10 ○ marks printed on the sticker of the back cover, and ensure that no float is found anywhere on the cover.



③Confirm there is no gap between the back cover and the FOMA terminal.

Caution

■About FOMA terminal

- Do not wash the FOMA terminal with a washing machine or ultrasonic cleaner.
- Never charge the battery when it gets wet.
- Do not leave the FOMA terminal with drops of water remained on.
  - · The connector terminal might be short-circuited.
  - · Water might enter into the inside of the FOMA terminal through the keys or hinges. In cold districts, drops of water on the FOMA terminal might freeze, resulting in malfunction.

  If the FOMA terminal gets wet, keep the back cover attached and the connector terminal cover closed, drain off the water (see page 18), and immediately wipe off the moisture remaining on the FOMA terminal with a clean dry cloth.
- Do not drop the FOMA terminal nor give a shock to it.

  The deterioration of the waterproof/ dust-proof performance might result depending on the damage.
- Do not soak the FOMA terminal in hot water, use in a sauna, nor expose to hot wind currents such as those of a dryer.
- The FOMA terminal does not float on water.
- Do not directly expose to the strong water flows that exceed the standard (see page 15) or submerge the mobile phone in water.
- Do not directly place the FOMA terminal on sandy beaches.
  - · Sands enter into the holes on the microphone, earpiece, or speakers may reduce the volume.
  - · If you operate the FOMA terminal with water drops or sands adhered to, sound might be deteriorated.
  - · Even the slightest sands entered from the connector terminal cover or back cover could cause water or dust to enter the inside of the FOMA terminal.

■About the connector terminal cover and back cover

- Do not open or close them with gloves put on hands.

  Fine dirt might adhere to the contact surface of the packing.
- Be careful that no fibers adhere to the packing when you try to wipe off moisture with a clean dry cloth.
- Do not peel the packing off. Also do not insert something pointed at the head into the clearance of the connector terminal cover or back cover.

  The packing is damaged, resulting in water or dust to enter into the FOMA terminal.
- If the packing for the connector terminal cover or back cover is damaged or deformed, replace them at a repair counter specified by DOCOMO.
- If the back cover is broken, replace it with new one.

  Otherwise liquid such as water enters into the inside of the FOMA terminal through broken portions, and an electric shock or corrosion of the battery pack could result.
- When the FOMA terminal gets wet with the connector terminal cover or back cover left open, water enters inside, and an electric shock or malfunction could be caused.

  Do not use it as is, but turn off the power, remove the battery pack, and then take it to a repair counter specified by DOCOMO.

■About microphone, earpiece, air vent, and speakers

- Do not thrust something pointed at the head into the holes on microphone, earpiece, air vent, or speakers.
- Do not leave water drops adhered to them. It might happen that communications are disabled.

■Others

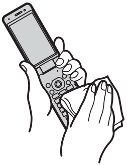
- Accessories and optional items are not waterproofed/dust-proofed. Do not use the desktop holder provided in a bathroom, shower room, kitchen, or lavatory where water is used, even if you do not connect to AC adapter.
- It is not that the waterproof performance is guaranteed in all given conditions of actual use. If the damage is found to be caused by your mishandling of the FOMA terminal as a result of our inspection, the guarantee is not supported.

Draining Water

- If you operate the FOMA terminal with water drops left adhered to, the volume level from the speakers might be decreased or sound quality vary.
- Moisture may have entered inside through the clearance gap of the keys or hinges.

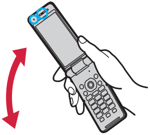
Follow the procedures described below to wipe moisture off the FOMA terminal:

① **Wipe completely moisture off the surface of the FOMA terminal with a clean dry cloth.**

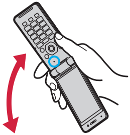


② **Securely take hold of the FOMA terminal, and firmly swing each surface at least 20 times until no moisture sprays off.**

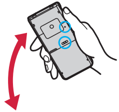
<Draining from earpiece and air vent>



<Draining from microphone>

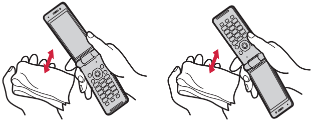


<Draining from speaker and air vent>



③ **Lightly push the FOMA terminal against a clean dry cloth, and wipe moisture off the clearance gap of the microphone, earpiece, air vent, speaker, keys, or hinges.**

- Do not directly wipe moisture out of joint gap using a cotton swab, etc.



④ **Fully drain moisture and then operate the FOMA terminal.**

- Even when you follow the procedures for draining water as described above, moisture might remain in the FOMA terminal. Therefore, use the FOMA terminal after allowing it to dry out naturally. Also, take care to keep any objects you do not want to get wet away from the FOMA terminal since water may leak out from the FOMA terminal.

When Charging Battery

Accessories and optional items are not waterproofed/dust-proofed. Check the following before and after charging:

- Never charge the battery with the FOMA terminal left wet. If the FOMA terminal gets wet, drain and wipe off moisture with a clean dry cloth and then charge.
- When you charge the battery with the connector terminal cover open, firmly close it after charging. To prevent water or dust from entering inside through the connector terminal, you are advised to use the desktop holder provided for charging.
- Do not touch the AC adapter and desktop holder with your hands wet.
- Do not use the AC adapter and desktop holder in a bathroom, shower room, kitchen, and lavatory where water is used.

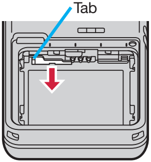
Before Using

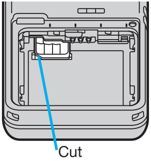
Attaching docomo mini UIM card/ Battery Pack

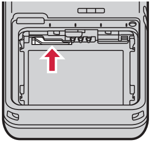
To insert the docomo mini UIM card/battery pack, remove the back cover and insert. (See page 16)

1 Insert the docomo mini UIM card.

1. Pulling the tab of the tray with your finger, slowly pull the tray straight out until it stops.
   - The tray cannot be removed, so be sure not to pull the tray beyond the position at which it stops. Doing so might damage the tray or tab.
2. With the gold IC side of the docomo mini UIM card facing up, check that the cut is facing left, and place the card in the tray.
3. Push the docomo mini UIM card until it stops.
   - Push the docomo mini UIM card inward firmly until it is in place.







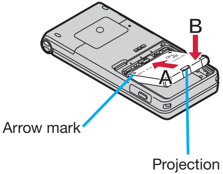
When you remove the docomo mini UIM card

Pull out the tray, and then slide the docomo mini UIM card slowly to pull it out.

- After pulling out the tray until about half of the docomo mini UIM card is visible, pull out the docomo mini UIM card by sliding it out.

2 Attach the battery pack.

Combine the terminal area of the battery pack with the battery terminal area of the FOMA terminal, and then push in the A direction while pushing down in the B direction.



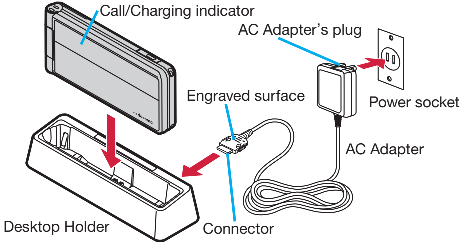
When you remove the battery pack

Lift the battery up using the projection of it.

- Ensure that you turn off, close, and take hold of the FOMA terminal when you install or remove the docomo mini UIM card or battery pack.
- You can use only a docomo mini UIM card with this FOMA terminal. If you have a docomo UIM card or FOMA card, replace it at a handling counter of a docomo Shop.

Charging

Charging Using Desktop Holder



1 With the engraved surface of the connector of the AC Adapter (option) face up, plug the connector straight into the connector terminal of the desktop holder provided.

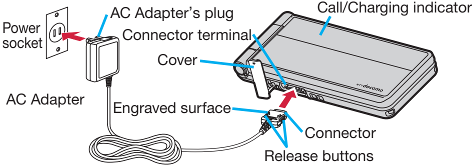
2 Pull out the AC Adapter's plug, and plug it into a household power socket of 100 V AC.

3 Set the FOMA terminal for charging terminal side down onto the desktop holder securely.

- Be careful that a commercial strap is not caught between the FOMA terminal and desktop holder.

4 When charging is completed, hold the desktop holder and lift up the FOMA terminal to remove.

Charging Using AC Adapter



1 Open the cover of the connector terminal. (See page 16)

- To charge the battery, place the cover of the connector terminal as illustrated. When you close or open the FOMA terminal with the cover of the connector terminal opened, be careful not to catch the cover of the connector terminal between the parts of the FOMA terminal.

2 Insert the connector horizontally with the engraved surface facing up until it clicks.

3 Pull out the AC Adapter's plug, and plug it into a household power socket of 100 V AC.

4 When charging is completed, pull out the connector from the connector terminal while pressing the release buttons.

- For detaching, pull out the connector horizontally while pressing the release buttons. Malfunction could result if you try to pull it forcibly.
- When charging starts, the Call/Charging indicator lights in red. When charging is completed, it turns off.

Turning Power ON

1 Press and hold ☎ for at least one second.

After the notes of waterproof and Wake-up display are displayed, the Stand-by display appears.

To turn off the power

1. Press and hold ☎ (for at least two seconds)▶YES
   - Depending on the display in operation, the confirmation display may not appear.

Configuring Initial Setting

The Initial Setting display appears when you turn on the power for the first time.

1 Set the date and time▶Set your Terminal Security Code※▶Set the size of fonts ▶Set Keypad Sound.

※“0000” is set at purchase.

Notifying Your Caller ID on the Other Party’s Phone

1 ﾒﾆｭｰ▶TEL function▶Dial/Receive setting ▶Caller ID notification▶Activate/ Deactivate▶ON

- If you hear the guidance requesting your caller ID, either set the Caller ID notification or add “186” first and then try calling again.

Checking Your Own Phone Number

You can check your own phone number (Own number), the model name, etc.

1 ﾒﾆｭｰ▶Profile

- Press 📷(Edit) to store your name, mail address, etc.
- Refer to “Mobile Phone User’s Guide [i-mode]” for how to check or change your mail address.

Switching to English Display

1 ﾒﾆｭｰ▶本体設定 (Setting) ▶文字表示／入力 (Text display/input) ▶Select language▶English

- The “バイリンガル (Select language)” setting is saved on the docomo mini UIM card.

Screen Explanation

Viewing Display/Icon

Battery level (estimate)

Full ↔ Low

- When is shown, charge the battery.
- Depending on the usage state, the battery level indication might significantly vary.

Radio waves reception level (estimate)

Strong ↔ Weak

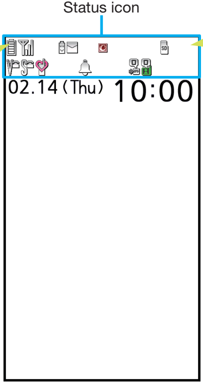
············ You are out of the FOMA service area or radio waves do not reach.

··············· In eco Mode

(gray) ······ eco Mode Autostart is set.

············ Unread i-mode mail or SMS messages exist.

············ New i-concier information exists.



··········· A microSD card is inserted.

·········· Vibrator is set.

·········· Ring Volume is set to “Silent”.

·········· In Manner Mode

···· An alarm is set.

··········· The number of record messages

··········· The number of videophone record messages

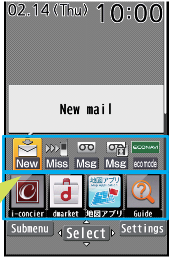
- Here are given descriptions of the main icons. For descriptions of other icons appearing on the display, you can get them following the procedures as shown below:
  ﾒﾆｭｰ▶Setting▶Screen/Display▶Icons

Notification icon

- New ······ New i-mode mail or SMS
- Miss ······ Missed call
- Msg ······ Record message
- Msg ······ Videophone record message
- ECONAVI ecomode ······ The mode has automatically changed to eco Mode (ECO NAVI).
- ECONAVI 1Seg OFF ······ 1Seg has automatically terminated (ECO NAVI).

Stand-by shortcut

- ······ i-concier
- ······ dmarket
- ······ 地図アプリ (Map Application)
- ······ Guide



Proceed to respective functions from icons, etc.

You can proceed to respective functions by selecting “Status icon”, “Notification icon”, “Stand-by shortcut”, or date and time.

1. ◎ ▶Use ◎ to highlight an icon, etc.▶◎(Select)

Sub-display

Various information is displayed on the sub-display such as the following:
Information is displayed in cases such as when you press ▯ with the FOMA terminal closed.

10:00

Clock

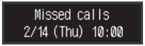
CONNECTING

Dialing

090XXXXXXXX

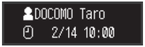
Receiving a call

When a missed call is found


Missed calls
2/14 (Thu) 10:00

“Miss” appears in cases such as when the FOMA terminal is closed.
Press ▯ to display the missed call record.

When a new mail message is received


DOCOMO Taro
2/14 10:00

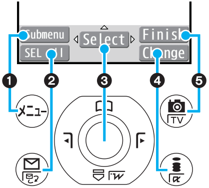
“✉” appears in cases such as when the FOMA terminal is closed.
Press ▯ to display the received date/time and subject.

- To display the received date/time and subject, you need to set “Mail” of “Sub-display setting” to “ON” in advance.
  1. ﾒﾆｭｰ ▶Setting▶Screen/Display▶Sub-display setting ▶ON▶Mail▶ON▶📷(Finish)

Navigation Displays and Key Operations

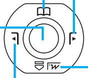
Key operations you can perform while you are operating a function are shown at the bottom of the display. (Navigation displays)

■Key assignments and basic navigation displays



❶	Operations you can perform with the (ﾒﾆｭｰ) key.	Submenu Exit
❷	Operations you can perform with the ✉ key.	SEL all Page ▲
❸	Operations you can perform with the ◉ key.	Select Set
	Directions in which you can scroll and select items with the ○ key.	△ ◁ ▷ ▽
❹	Operations you can perform with the iα key.	Change Page ▼
❺	Operations you can perform with the 📷TV key.	Finish Send

Operating Command Navigation Key



◓
- Moves the cursor or highlighted display up. (Hold down to scroll continuously.)
- Scrolls the page up.

◉
- Fixes the operation.

◐
- Moves the cursor to the left.
- Scrolls back page by page. (Hold down to scroll continuously.)

◑
- Moves the cursor to the right.
- Scrolls forward page by page. (Hold down to scroll continuously.)

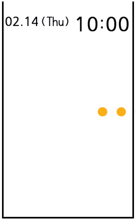
◒
- Moves the cursor or highlighted display down. (Hold down to scroll continuously.)
- Scrolls the page down.

Menu Operation

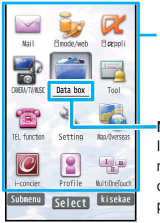
Main Menu

Press ﾒﾆｭｰ from the Stand-by display to show Main Menu.

- In this manual, the descriptions of operating procedures are given mainly starting with the Stand-by display.



Stand-by display



Menu icons

Menu icon name
In this manual, the item names shown here are described in operating procedures, etc.

Main Menu

Use ○ to highlight a menu icon and press ●(Select).
Functions categorized by the menu items are displayed.
Repeat selecting items to call up the target function.

- You can press ｸﾘｱ to return to the previous display. When you press ☎ from any display, the Stand-by display returns.
- See “Function List” for the menu items of each function. (See page 72)

Simple Menu

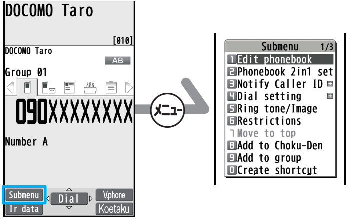
Simple Menu is a menu focusing on only basic functions for easy operation. By setting “シンプルメニュー (Simple menu)” using the Kisekae tool, you can show the Simple Menu by pressing ﾒﾆｭｰ from the Stand-by display.

- Some operating procedures or items which appear on the display in Simple Menu differ from the ones described in this manual.

Submenu

When “ Submenu ” is displayed at the lower left of the display, you can use functions such as Store, Edit, and Delete by pressing ﾒﾆｭｰ.

<Example> Display the submenu of a Phonebook entry



- The “⊞” is displayed when there are further items under a particular menu item.

Functions Starting with Simple Operation

Depending on the function, you can start it either by selecting a menu item or by key operation from the Stand-by display.

The following are the functions you can start by pressing keys for at least one second.

Key	Performance
◉	Sets/Releases Keypad Lock.
○	Shows the Registration display for Phonebook entries.
○	Starts i-widget.
📷	Starts 1Seg.
✉	Executes Check mail/message.
i	Shows the Software list.
✆	Executes Start by voice.※
5	Sets/Releases eco Mode.
7	Shows the Font setting display.
8	Switches View Blind on/off.
*	Activates/Deactivates Public mode (Drive mode).
#	Activates/Deactivates Manner Mode.
▮	

※This function is available in Japanese mode only.

■Operations while the FOMA terminal is closed

Key	Performance
▮	Activates/Deactivates Manner Mode.

Multi One-touch Function

You can easily call up frequently used functions and telephone numbers which have been registered in multi one-touch keys.

- Although functions have been registered in “MultiOneTouchBtn Ⅰ” and “MultiOneTouchBtn Ⅱ” at purchase, you can change them.

■Registering function

1. Ⅰ, Ⅱ or Ⅲ (for at least one second) ▶Select an item▶YES

Changing the registered function

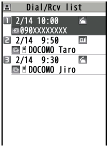
1. Ⅰ, Ⅱ or Ⅲ (for at least one second)▶YES▶Set ▶Select an item▶YES

■Calling up the function

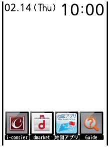
1. Press Ⅰ, Ⅱ or Ⅲ.

docomo Palette UI

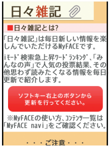
The docomo Palette UI is a user interface that allows you to easily access a variety of functions and services from the center of the Stand-by display. You can freely customize this interface.
The MyFACE display appears to the left and right of the Stand-by display, and the Shortcut display appears below.



MyFACE display



Stand-by display



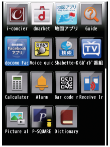
■日々雑記とは?

「日々雑記」は毎日新しい情報を楽しんでいただけるMyFACEです。

iﾓｰﾄﾞ検索急上昇ﾜｰﾄﾞﾗﾝｷﾝｸﾞ、「みんなの声」で人気の投票結果、その他思わず読みたくなる情報を毎日更新で紹介します。

※MyFACEの使い方、ｺﾝﾃﾝﾂ一覧は「MyFACE navi」をご確認ください。

MyFACE display



Shortcut display

Using MyFACE

MyFACE is a convenient function that allows you to download MyFACE content from a site and register the content to the left or right of the Stand-by display. You can then immediately display the content by pressing ◎ from the Stand-by display.

1 ◎▶**Operate MyFACE content.**

Downloading MyFACE Content

You can download MyFACE content from a site and register the content to the left or right of the Stand-by display.
You can register up to 12 items, including the pre-installed MyFACE content.

1. Display a site from which content can be downloaded ▶Select a MyFACE content▶Use ◎ to select a location▶◉(Select)▶YES/NO

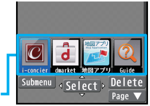
- Depending on the MyFACE content, some information might be updated automatically, and communication is performed automatically at most once per hour. Packet communication fees are charged during these updates. (Packet communication fees are not charged for updates to the pre-installed MyFACE content.)
- If you are using international roaming or have changed the i-mode connection destination settings, packet communication fees are charged even for updates to the pre-installed MyFACE content.
- If some files could not be acquired during an update of MyFACE content, all files are re-acquired during the next update, resulting in packet communication fees being charged again.

Using Shortcut

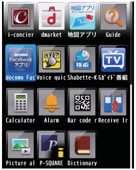
A list of shortcuts appears at the bottom of the Stand-by display. By creating shortcuts to, for example, functions you use frequently, you can use certain functions immediately.

1 Press ○.

- Use ◎ to highlight a Stand-by shortcut and press ●(Select). You can start the shortcut.



2 Press ○.



3 Use ◎ to highlight a shortcut and press ●(Select).

Creating Shortcuts

1. On the display to which you want to create a shortcut, press (ﾒﾆｭｰ)(Submenu)▶Create shortcut

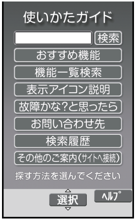
- If you have created a large number of shortcuts, the shortcut images might be replaced by alternate images.

Using Guide

You can search and check the operating methods of the functions you want to know and use. You can execute some functions from “使いかたガイド (Guide)”.

This function is available in Japanese mode only.

1 (ﾒﾆｭｰ)▶便利ツール (Tool) ▶使いかたガイド (Guide)



2 Enter a keyword or select a way of searching.

Character Entry

You can enter characters on the Registration display for Phonebook entries or the Composition display for mail messages, etc.

1 Select a input mode.

Press ✉(Chrct) to select one of the input modes.

2 Enter characters.

By repeatedly pressing a numeric key, you can enter other characters assigned to the key.

<Example> When you press 2

Kanji/Hiragana input mode

“か→き→く→け→こ”

Katakana input mode

“カ→キ→ク→ケ→コ→2”

Alphabet input mode (Uppercase)

“A→B→C→a→b→c→2”

Alphabet input mode (Lowercase)

“a→b→c→A→B→C→2”

Numeral input mode

“2”

- When a character on the same key comes after a character such as “あ” and “い”, press ◎ to move the cursor, and enter the next character.
- You can press ◎ to select one of the prediction conversion candidates while you are entering the characters.

3 Convert/fix characters.

1. Press ◎ to specify the area to be converted.
2. Press ◎ to move the cursor onto the candidate list.
3. Press ◎ to select a conversion candidate.
4. Press ◎ to fix the character.

Other key operations

📷(SB・SM): Enter symbols, smileys, or URLs.

絵(PI・Pic.): Enter pictograms, Deco-mail pictograms, or Deco-mail pictures.

*: Enter a line feed.
(You can switch between uppercase and lowercase or enter “゛” and “゜” by pressing this key after you enter a character.)

📞 (for at least one second): Undo the fixed/erased characters.

クリア: Clear text.

Sound/Screen Setting

Changing Ring Tone

<Example> Changing the ring tone for incoming voice calls

1 ﾒﾆｭｰ▶Setting▶Sound/Vib./Manner ▶Select ring tone▶Phone※▶Select ring tone▶Select a type of ring tone▶Select a folder▶Select a ring tone.

※To set a ring tone for mail messages, videophone calls, and so on, select the corresponding item.

Adjusting Ring Volume

<Example> Adjusting the ring volume for incoming voice calls

1 ﾒﾆｭｰ▶Setting▶Sound/Vib./Manner ▶Ring volume▶Phone※▶Use ○ to adjust the volume.

※To adjust ring volume for mail messages, videophone calls, and so on, select the corresponding item.

Setting Vibrator

<Example> Setting the vibrator for incoming voice calls

1 ﾒﾆｭｰ▶Setting▶Sound/Vib./Manner▶Vibrator setting▶Phone※▶Select a pattern.

※To set a vibrator for mail messages, videophone calls, and so on, select the corresponding item.

Using Manner Mode

With a single key press, you can set a tone from the FOMA terminal such as a ring tone, keypad sound, and alarm sound silent. When you start Manner Mode, not a sound but the vibration notifies you of incoming calls or messages.

1 Press and hold # for at least one second.

“ ” appears on the Stand-by display.

To release
Perform the same operation.

Using Original

You can use “Original” to tailor your FOMA terminal to how it works while Manner Mode is ON.

1. ﾒﾆｭｰ▶Setting▶Sound/Vib./Manner ▶Manner mode setting▶Manner mode set▶Original ▶Set each item▶📷(Finish)

- Even in Manner Mode, the shutter tone and focus lock tone of the camera, and the start/end tones of the voice recorder sound.

Setting Keypad Sound OFF

1 ﾒﾆｭｰ▶Setting▶Sound/Vib./Manner ▶Other sound setting▶Keypad sound ▶OFF

Changing Display Settings

Changing Stand-by display

1 ﾒﾆｭｰ▶Setting▶Screen/Display ▶Stand-by display▶Stand-by display ▶Select a type of image▶Select a folder ▶Select an image.

- You may be able to select a display format depending on the image.

Changing Display Brightness

You can adjust the brightness of the display. You can also set to automatically adjust the display brightness according to the ambient light.

1 ﾒﾆｭｰ▶Setting▶Backlight/Illum. ▶Backlight▶Brightness▶ON ▶Press ○ to adjust the brightness.

Lighting off/Power Saver Mode

You can set the display brightness to OFF. You can also set the time that elapses before Power Saver Mode activates. Power Saver Mode activates when the time set for “Time to saver” has elapsed without any operations on the FOMA terminal. The display turns off to reduce battery consumption.

1. ﾒﾆｭｰ▶Setting▶Backlight/Illum.▶Backlight▶Lighting ▶OFF▶Enter the time (seconds) for “Time to saver”.

Making Display Hard to See from People Around

You can set “View blind” to make it harder for the people around you to see the display from oblique angles.

1 Press and hold 8 for at least one second.

“▯” appears on the Stand-by display.

To release

Perform the same operation.

Changing Font Size

<Example> Changing the size of all the characters to “X-large”

1 7 (for at least one second)▶Character size▶X-large

- Select “Separate setting” when you want to set the character size of each function separately.

Changing Machi-chara Setting

You can change the Machi-chara image which appears to inform you of missed calls, new mail messages, new i-concier information and others.

1 ﾒﾆｭｰ▶Setting▶Screen/Display ▶Machi-chara setting▶Display setting ▶ON▶Select a folder▶Highlight a Machi-chara image and press 📷TV(Set).

Using Kisekae Tool

You can set the ring tone, Stand-by display, menu icons and others at a time.

1 ﾒﾆｭｰ▶Setting▶Screen/Display▶Kisekae Tool setting▶Select a folder▶Highlight a Kisekae Tool file and press 📷TV(Set all)▶YES

- Some menu configurations change according to the usage frequency depending on the type of the menu.

Reset Menu Icons to Default

1. ﾒﾆｭｰ▶ﾒﾆｭｰ(Submenu)▶Reset menu screen▶Enter your Terminal Security Code▶YES

Changing Illumination When Receiving

<Example> Changing call Illumination for voice calls

1 ﾒﾆｭｰ▶Setting▶Backlight/Illum. ▶Illumination setting▶Illumination in call▶Illumination▶Phone※▶Select an illumination.

※To set illumination such as for mail messages and videophone calls, select the corresponding menu.

Switching to the eco Mode

With a single key press, you can set the eco Mode that reduces battery consumption. Changing to eco Mode affects items specified in “eco mode setting”, e.g. dimming the display.

1 Press and hold 5 for at least one second.

“🔋” appears.

To release

Perform the same operation.

eco Mode Setting

You can set the items for reducing battery consumption for when the eco Mode activates.

1 ﾒﾆｭｰ▶Setting▶Battery▶eco mode setting▶Put a check mark for items to be set▶📷TV(Finish)

eco Mode Autostart

This setting ensures that the mode will be automatically set to the eco Mode when the remaining battery level has dropped to the set level or less.

“Battery level” of “eco mode autostart” is set to “40%” in default.

- When the “eco mode autostart” is set to “ON”, “🔋(gray)” will be displayed. When the mobile phone automatically switches to eco Mode, “🔋” will be displayed and “ECONAVI ecomode” will be displayed on the desktop.

1 ﾒﾆｭｰ▶Setting▶Battery ▶eco mode autostart▶ON▶Set each item▶📷TV(Finish)

Lock/Security

Various Security Codes

■Caution on security codes

- You should avoid using the numbers for security codes such as denoting your birth date, part of your phone number, local address number, room number, “1111” or “1234” that is easily decoded by a third party. Also make sure that you take a note of the security codes you have set just in case you forget them.
- Take care not to let others know your security codes. Even if your security codes are known and used by a third party, we at DOCOMO take no responsibility in any event for the resultant loss.
- If you do not remember your respective security codes, you need to bring an identification card such as your driver’s license, the FOMA terminal and docomo mini UIM card to the handling counter of a docomo Shop.
  For details, contact “docomo Information Center” on the back page of this manual.
- The PIN unblocking key (PUK) is described on the application form (your copy) that is handed over to you at a docomo Shop at the time of contract. If your contract has been made at a shop other than a docomo Shop, you need to bring an identification card such as your driver’s license, and the docomo mini UIM card to the handling counter of a docomo Shop, or consult “docomo Information Center” on the back page of this manual.

Terminal Security Code “0000” at purchase

This is a four-to-eight digit number for deleting all files or changing settings. When the display for entering the Terminal Security Code appears, enter your four-to-eight digit code and press ◉(Set).

To change

1. ﾒﾆｭｰ ▶Setting▶Lock/Security▶Change security code

Network Security Code Determining at the time of contract

This is a four-digit number required for your identification when you place an order at a docomo Shop, docomo Information Center, or “お客様サポート (User support)” site, or when you use respective network services.

- “お客様サポート (User support)” is available in Japanese only.

To change

From i-mode, you can change your Network Security Code by selecting “ i Menu”→“お客様サポート (User support)”→“各種設定(確認･変更･利用) [Respective settings (Confirmation/Change/Use)]”→“ネットワーク暗証番号変更 (Change Network Security Code)”.

i-mode Password “0000” at the time of your contract

This is a four-digit number required for registering/deleting My Menu, applying for/canceling Message Services or i-mode pay services, etc.

To change

From i-mode, you can change your i-mode password by selecting “ i Menu”→“English”→“Options” →“Change i-mode Password”.

PIN1 Code/PIN2 Code “0000” at the time of your contract

For the docomo mini UIM card, you can set two security codes, namely the PIN1 code and PIN2 code.
The PIN1 code is a four-to-eight digit number for checking the user each time the docomo mini UIM card is inserted into the FOMA terminal or each time the FOMA terminal is turned on, to prevent the unauthorized use by a third party.
The PIN2 code is a four-to-eight digit number for executing Reset Total Charge, etc.
When the PIN1 Code/PIN2 Code entry display appears, enter your four-to-eight digit PIN1 code/PIN2 code and press ◉(Set).

- If you enter a wrong PIN1 code/PIN2 code three times in succession, the FOMA terminal locks and cannot be used.

To change

1. ﾒﾆｭｰ ▶Setting▶Lock/Security▶UIM setting▶Enter your Terminal Security Code▶Change PIN1 code or Change PIN2 code

- You need to set “PIN1 code entry set” to “ON” to change the PIN1 code in advance.

PIN Unblocking Key (PUK)

The PIN unblocking key (PUK) is the eight-digit number for releasing the blocked PIN1 code and PIN2 code.
You cannot change this code by yourself.

- If you enter a wrong PIN unblocking key (PUK) 10 times in succession, the docomo mini UIM card is locked. In that case contact one of docomo Shops.

PIN1 Code Entry Set

You can set the FOMA terminal not to work unless you enter your PIN1 code when turning on the power.

1 **ﾒﾆｭｰ ▶Setting▶Lock/Security ▶UIM setting▶Enter your Terminal Security Code▶PIN1 code entry set▶ON ▶Enter the PIN1 code.**

To release
Select “OFF”.

Various Lock Functions

A variety of lock functions is installed on your FOMA terminal such as preventing illegal use of a third party, or protecting your private information.

Dial Lock	**You can set your FOMA terminal not to be used by a third party.** **You can do no operations other than answering calls and turning on/off the power.** 1. ﾒﾆｭｰ ▶Setting▶Lock/Security▶Lock ▶Enter your Terminal Security Code ▶Dial lock • To release, enter your Terminal Security Code from the Stand-by display.
Omakase Lock	**When you have lost your FOMA terminal or in other cases, you can lock your personal data (such as Phonebook entries) by contacting DOCOMO.** • For details on Omakase Lock, refer to “User’s Guide [Basic Usage]”. **■Setting/Releasing Omakase Lock** **0120-524-360 (In Japanese only)** **Business hours: 24 hours (open all year round)** ※Unavailable from some IP phones. • You can set/release also from the My docomo site via your personal computer or other devices. (In Japanese only)

Original Lock	You can lock functions which utilize personal information such as Phonebook entries or schedule events. 1. ﾒﾆｭｰ ▶Setting▶Lock/Security▶Lock ▶Enter your Terminal Security Code ▶Select a level for Original Lock. • To release, select “OFF”.
Keypad Lock	Key operations are disabled. 1. Press and hold ◉ for at least one second. • To release, perform the same operation.

Setting Incoming Call Restriction

You can set whether to receive (accept) or not to receive (reject) incoming calls depending on the reason, such as from the parties which has not been registered in Phonebook or incoming calls from any parties who do not notify you of their phone numbers. There are three reasons for no caller ID; “User unset”, “Payphone”, and “Unknown”.

1 **ﾒﾆｭｰ ▶Setting▶Lock/Security ▶Call rejection set.▶Enter your Terminal Security Code▶Select an item to be set ▶Accept or Reject**

- If you select “Accept” for “User unset”, “Payphone” or “Unknown”, you can set a ring tone or call receiving display.

Resetting to Default

Resetting the Function Settings to Default

You can reset the items on “Function List”, which are indicated by ▨. (See page 72)

- The items indicated by ▨ might include the functions which do not return to their default settings or state.

1 **ﾒﾆｭｰ ▶Setting▶Other setting ▶Reset settings▶Enter your Terminal Security Code▶YES**

Deleting Stored Data at Once

You can delete all the stored files together and each function setting will return to the default.

1 **ﾒﾆｭｰ ▶Setting▶Other setting▶Initialize ▶Enter your Terminal Security Code ▶YES▶YES**

Call Telephone

Making a Call/Videophone Call

Making a Call by Entering the Phone Number

1 Enter a phone number starting with a city code ▶Press 📞 to make a call ▶Press ☎ to end the call.

- Press 📷TV (V.phone) to make a videophone call.
- You can put a call on hold by pressing クリア during a call. You can release held call by pressing クリア.

> - This FOMA terminal has no inward-facing camera. Therefore, the image sent to the other party is a Chara-den image, still image, or image being shot by the outward-facing camera.

Making a Call from Phonebook

<Example> Search a Phonebook entry by the name stored in Phonebook

1 ○ ▶Search name※ ▶Enter a part of the name ▶○

※You can use another search method such as "Search phone No.", and "Search e-mail".

- If you enter nothing and press ○; then you can display all Phonebook entries.

2 Select a Phonebook entry ▶📞

When an entry contains multiple phone numbers, press ○ to select a desired phone number.

- Press 📷TV (V.phone) to make a videophone call.

Making a Call with Dial/Received List

1 ○ ▶Select a call record ▶📞

- Press 📷TV (V.phone) to make a videophone call.

Using Koe-no-Takuhaibin

This service keeps voice message on behalf of you.

- For details, refer to the DOCOMO website.

1 Enter a phone number ▶✉ (Koetaku) ▶Operate following the voice guidance.

- Koe-no-Takuhaibin message can be sent from a Phonebook entry or Dial/Received List as well.

Playing Back Messages

When Koe-no-Takuhaibin message has been received, an SMS message is given as notice of recording. Select "再生 (Play)" on the detailed display of the SMS message to play back the received message.

- You can also play back messages by following the operation below:
  "ﾒﾆｭｰ ▶TEL function ▶Koe-no-Takuhaibin ▶Message confirm(voice)".

Making an International Call

You can use WORLD CALL to make an international call from Japan.

- Contact “docomo Information Center” on the back page of this manual for inquiries about details on WORLD CALL.
- When using international carriers other than DOCOMO, contact them.

1 O (for at least one second) ▶Enter numbers in order of country code →area code (city code) →destination phone number.

- You can enter “+” by pressing and holding O for at least one second.
- When the area code (city code) begins with “0”, enter the area code without “0” at the beginning. However, include “0” when making a call to some countries or regions such as Italy.

2 📞 ▶Dial

- Press 📷(Vphone) to make a videophone call.

> • DOCOMO videophones conform to “3G-324M standardized by the international standard 3GPP”. You cannot connect to the videophone using a different format.

Receiving a Call/Videophone Call

1 A call comes in▶Press 📞 to answer the call▶Press ☎ to end the call.

When a videophone call comes in

You can receive the videophone call the same way as with a voice call. The substitute image is sent to the other party.

Adjusting Earpiece Volume

1 Press ◎ to adjust the earpiece volume during a call.

When You cannot Answer a Call

Activate Record Message

You can record a caller’s voice/video message when you cannot answer the call.

- When a call comes in, an answer message is played back after the ring time elapses. Then, the caller’s voice is recorded with audio or video.

1 ﾒﾆｭｰ ▶TEL function▶Rec. msg./Voice memo▶Record message setting▶ON ▶Phone※▶Select an answer message ▶Enter a ring time (seconds).

※To activate Record Message for videophone calls, select “Videophone”.

Using Public Mode (Drive Mode)

Once you activate Public mode (Drive mode), the guidance is played back telling that you cannot answer the call as you are currently driving or in a public place (such as a train, bus or movie theater) where you should refrain from speaking on the phone. Then, the call is disconnected automatically.

1 Press and hold ⊛ for at least one second.

"🚗" appears on the Stand-by display.

To deactivate

Perform the same operation.

- When a call comes in during Public mode (Drive mode), the ring tone does not sound and the record is stored in "Received calls". The alarm does not sound even when the specified alarm time comes.

Using Public Mode (Power Off)

Once you activate Public mode (Power off), when the FOMA terminal's power is OFF, the guidance is played back telling that you cannot answer the call as you are currently in a public place (such as a hospital, airplane or near a priority seat on a train) where you are required to turn off the power of the FOMA terminal. Then, the call is disconnected automatically.

1 Enter ⊛25251 ▶ ☎

To deactivate

1. Enter ⊛25250 ▶ ☎

Using Various Network Services

■Network services available

The following are the DOCOMO network services available for the FOMA terminal.

Service	Application	Monthly fee
Voice Mail Service	Required	Charged
Missed Call 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 Service	Not required	Free
Caller ID Display Request Service	Not required	Free
English Guidance	Not required	Free
Multi Number	Required	Charged
2in1	Required	Charged
Public mode (Drive mode)	Not required	Free
Public mode (Power off)	Not required	Free
Melody Call	Required	Charged
Koe-no-Takuhaibin	Not required	Free

- The network services are not available when you are out of the service area or out of reach of radio waves.
- "Deactivate" does not mean that the contract for Voice Mail Service, Call Forwarding Service or other services is canceled.
- The outlines of the each network service in this manual are described along with the menus of the FOMA terminal. For details, refer to "Mobile Phone User's Guide [Network Services]".
- For subscriptions and inquiries, contact "docomo Information Center" on the back page of this manual.

Using Voice Mail Service

1 ﾒﾆｭｰ▶TEL function▶Voice mail service

To activate the service

1. Activate▶YES

- You can also specify a ring time.

To play back the message

1. Play messages▶Play (voice call) or Play (videophone)
▶YES▶Operate following the voice guidance.

Using Call Waiting Service

**1 ﾒﾆｭｰ▶TEL function▶Other network serv.
▶Call waiting**

To activate the service

1. Activate▶YES

Answer an Incoming Call during a Call

Press ☎. Each time you press ☎, you can switch the parties you can talk with.

Using Call Forwarding Service

**1 ﾒﾆｭｰ▶TEL function▶Other network serv.
▶Call forwarding**

To activate the service

1. Activate▶Activate▶YES

- You can set the phone number of forwarding destination or ring time as well.

Emergency Call

Emergency Calls	Phone number
Calls to police	110
Calls to fire station and ambulance	119
Calls for accidents at sea	118

- This FOMA terminal supports “Emergency Location Report”. When you make an emergency call such as at 110/119/118, information about the place where you are dialing from (location information) is automatically notified to emergency-response agencies such as police stations. It might happen that your correct location is not detected by emergency-response agencies depending on the location you dial from or radio wave conditions. When you do not notify your phone number such as by adding “184” by every call, your location information and phone number are not notified. However, when an emergency-response agency has judged that the location information and phone number should be detected because of emergency priority such as for protection of human life, it might get location information and phone number regardless of your setting. Areas and timing “Emergency Location Report” introduced vary depending on the preparation of respective emergency-response agencies.
- When you make a call at 110/119/118 from the FOMA terminal, tell an operator that you are calling from a mobile phone and let them know your phone number, and then clearly tell where you are currently around, so that police/fire station can make a confirmation call to your mobile phone. In addition, stay at the current location while talking preventing the call from being disconnected. Do not turn off the power immediately, and make sure to place your phone standby for at least 10 minutes after the call.
- You might not be connected to regional police/fire station depending on the area where you are calling from.
- When using the videophone function of the FOMA terminal to place an emergency call to 110, 119 or 118, the call will automatically be made as a voice call.

Using Overseas

International Roaming (WORLD WING) is a service that allows you to use the FOMA terminal with the phone number and mail address you use in Japan, in a service area of the overseas carrier partnered with DOCOMO. It enables you to continue using the voice call, SMS and i-mode mail settings without having to make any changes.

- Concerning the areas where the service is supported: This FOMA terminal is the class 2. This FOMA terminal is available within the service area of 3G network, and in the countries/regions supporting 3G 850MHz. Check the areas where you can use the service.
- Refer to the following before you use this FOMA terminal overseas:
  - “Mobile Phone User’s Guide [International Services]”
  - DOCOMO International Services website
- For the country codes, international call access codes, international prefix numbers for the universal number, and connectable countries, regions, and overseas carriers, refer to “Mobile Phone User’s Guide [International Services]” or the DOCOMO International Services website.
- A fee charged for overseas use (call fee, packet communication fee) differs from that of in Japan.

Available Service Overseas

Major Communication Service	3G
Voice call※1	○
Videophone call※1	○
SMS※2	○
i-mode※3	○
i-mode mail	○
i-channel※3※4	○
i-concier※5	○
i-Widget※6	○
Packet communication by connecting with a personal computer	○

○: Available

※1 When using 2in1, you cannot make calls using your B number. When using Multi Number, you cannot make calls using an additional number.

※2 If the destination is a FOMA terminal, enter the other party's phone number as you do in Japan.

※3 You need to establish i-mode International Settings.

※4 You need to establish i-channel International Settings. You are charged a packet communication fee for automatically updating the "ベーシックチャネル (Basic channel)" information as well (which, in Japan, is included in the i-channel fee).

※5 You need to establish i-concier International Settings. You are charged a packet communication fee for each information you receive.

※6 You need to establish i-Widget International Settings. When you show an i-Widget display, multiple Widget Appli programs might start communication. In that case, you are charged a packet communication fee for each communication.

- Some services are not available depending on the overseas carrier or network.

Making a Call to Outside the Country You Stay in

1 [0] (for at least one second) ▶Enter numbers in order of country code →area code (city code) →destination phone number.

- You can enter "+" by pressing and holding [0] for at least one second.
- Enter "81" as a country code when you make an international call to Japan.
- When the area code (city code) begins with "0", enter the area code without "0" at the beginning. However, include "0" when making a call to some countries or regions such as Italy.

2 Press ☎ to make a call.

- Press 📷(Vphone) to make a videophone call.

Making a Call in Country You Stay

1 Enter a phone number▶Press ☎ to make a call.

- Press 📷(Vphone) to make a videophone call.

Making a Call to WORLD WING User Overseas

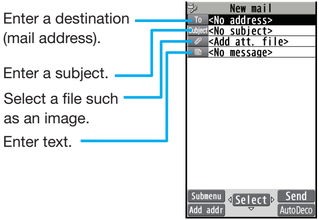
When you make a call to a person who is also internationally roaming, make the call the same way as to make international calls to Japan even if he/she is in the country you stay at.

Mail

Sending i-mode Mail

Once you subscribe to i-mode, you can exchange e-mail messages over the Internet. You can attach within 2 Mbyte of up to 10 files (photos, moving pictures, etc.) with body text added. For details on i-mode mail, refer to “Mobile Phone User’s Guide [i-mode]”.

1 ✉ ▶ ✉(New) ▶ **Enter each item.**



Enter a destination (mail address).

Enter a subject.

Select a file such as an image.

Enter text.

2 **Press 📷TV(Send).**

Sending Deco-mail

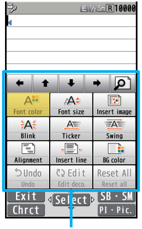
You can change the color or size of characters or background color, or insert images or Deco-mail pictograms.

1 ✉ ▶ ✉(New)※ ▶ **Enter an address and subject.**

※You can also select “Decome-Template” to create Deco-mail.

2 **Select the text field ▶ ✆ ▶ Select one of decorations from the palette ▶ Enter text ▶ ●(Set)**

- When the text field is selected, the prediction conversion candidates appear. Press クリア to close the conversion candidate display, and then press ✆ to display the palette. (In Japanese mode only)



Palette

3 **Press 📷TV(Send).**

Sending Decome-Anime

You can create impressive messages by inserting text or images into a Flash file.

1 **✉▶Create new Deco-Anime ▶Enter an address and subject.**

2 **Select the text field▶Highlight a Decome-Anime template and press 📷(Set)▶Edit characters and images ▶📷(Finish)**

3 **Press 📷(Send).**

Displaying Received i-mode Mail

1 **✉▶Inbox▶Select a folder ▶Select an i-mode mail message.**

Replying to i-mode Mail

1 **Press 📷(Reply) while an i-mode mail is displayed▶Enter each item▶📷(Send)**

Forwarding i-mode Mail

1. ﾒﾆｭｰ(Submenu) while an i-mode mail is displayed ▶Reply/Forward▶Forward▶Enter each item ▶📷(Send)

Checking New i-mode Mail

You can check the i-mode Center for a new mail message or Message R/F.

1 **Press and hold ✉ for at least one second.**

Sorting i-mode Mail

You can use "Auto-sort" to sort received/sent i-mode mail messages into a folder such as "Business" or "Friend" which has been created in advance.

<Example> Sorting mail messages, which come from the address stored in the Phonebook, into a folder

1 **Highlight a folder from Inbox Folder list and press ﾒﾆｭｰ(Submenu)▶Auto-sort ▶Address sort▶Look-up address ▶Phonebook▶Look up for Phonebook entries and select a target i-mode mail address.**

Early Warning "Area Mail"

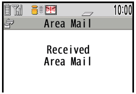
Receiving Area Mail

You can receive information such as about earthquake alerts that are issued from the Japan Meteorological Agency as an Area Mail message.

When an Area Mail message arrives, "⚠" lights and the buzzer or ring tone for Area Mail sounds.

The received contents of some messages are automatically displayed. To erase the displayed content, select "OK".

- You can receive Area Mail messages even when you are not contracted to use i-mode.



10:00

Area Mail

Received
Area Mail

Setting Area Mail

1 **✉ ▶ Mail setting ▶ Area Mail setting ▶ Select an item to be set ▶ Set each setting.**

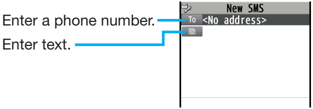
- You can also check "Check ring tone" for how your FOMA terminal works when you receive an Area Mail message.

Using SMS

You can send text messages to the mobile phone number at the other party.

Sending SMS

1 **✉ ▶ Compose new SMS ▶ Enter each item.**



New SMS

To <No address>

Enter a phone number.

Enter text.

2 **Press 📷TV (Send).**

Displaying Received SMS Message

1 **✉ ▶ Inbox ▶ Select a folder ▶ Select an SMS message.**

Phonebook

Storing Phonebook Entries

Storing New Phone Numbers/Mail Addresses, etc.

You can store Phonebook entries in the FOMA terminal (Phone) or on the docomo mini UIM card.

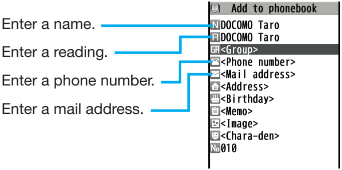
1 ○ **(for at least one second) ▶ Phone**

The display for entering a name appears. Enter a name and proceed.

When storing entries onto the docomo mini UIM card Phonebook

Select “UIM”.

2 **Enter each item.**



Add to phonebook
DOCOMO Taro
DOCOMO Taro
<Group>
<Phone number>
<Mail address>
<Address>
<Birthday>
<Memo>
<Image>
<Chara-den>
010

3 **Press 📷TV (Finish).**

Storing Phonebook Entries from Dial/Received List

1 ○ **▶ Highlight a call record and press ﾒﾆｭｰ (Submenu) ▶ Add to phonebook ▶ Phone ▶ New ▶ Enter each item ▶ 📷TV (Finish)**

Editing Phonebook Entries

1 ○ **▶ Search and select a Phonebook entry ▶ ﾒﾆｭｰ (Submenu) ▶ Edit phonebook ▶ Select an item to be edited ▶ Edit the contents ▶ 📷TV (Finish) ▶ YES**

Deleting Phonebook Entries

1 ○ **▶ Search and select a Phonebook entry ▶ ﾒﾆｭｰ (Submenu) ▶ Delete data ▶ Delete this ▶ YES**

i-mode/Full Browser

Displaying i-mode Sites

i-mode is a service that enables you, by using the display of the mobile phone supporting i-mode, to use online services such as site access, Internet access, and i-mode mail.

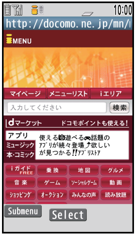
- i-mode is a pay service that is available on a subscription basis.
- For details on i-mode, refer to “Mobile Phone User’s Guide [i-mode]”.
- You can display SSL/TLS※-compatible pages via FOMA terminal.

  ※SSL/TLS are the safer data communication systems using authentication/encryption technology to protect your privacy.

1 **Press iα.**

You can access the i Menu. Repeat selecting items (links) to display the desired site.

- While you are online, “⇆” blinks.
- i Menu is available in English. Select “English” from the display on the right.



http://docomo.ne.jp/mn/i

使える📷遊べる🎮話題のｱﾌﾟﾘが続々登場⤴欲しいが見つかる‼ｱﾌﾟﾘｽﾄｱ

■**Before using i-mode**

- Content of sites or websites is in general protected by copyrights law. You can use data such as text and images for your entertainment, which you download to your mobile phone supporting i-mode, but you cannot use them, part or whole of it as is, or modify them for the purpose of sale or redistribution, without approval from copyright holders.
- If you replace the docomo mini UIM card with another one or turn on the power without docomo mini UIM card, you cannot display/play back files, such as still images/moving pictures/melodies you download from sites, attached files (still images/moving pictures/melodies and other files) sent/received by mail, Screen Memo, and Messages R/F.
- When the file has been set for the Stand-by display or for specified ring tone, of which display or playback is restricted by the docomo mini UIM card, the settings return to default if you replace it with new one or turn on the power without docomo mini UIM card.

Displaying Websites Designed for PC

You can browse Internet websites designed for PCs using the Full Browser function.

- Note that you are charged a high communication fee for the massive data communication such as browsing Internet websites having many images or downloading data. For details on the packet communication fee, refer to “Mobile Phone User’s Guide [i-mode]”.
- You can browse Internet websites composed of frames. You can select a frame to display it as well.

1 ﾒﾆｭｰ ▶ i mode/web ▶ Full Browser Home

- By default, a confirmation display appears asking whether you want to use Full Browser.

- You might not correctly display some Internet websites.

Switching Browsers

You can switch to Full Browser to show the Internet websites incorrectly displayed by i-mode.

- The billing system differs between i-mode and Full Browser. With the latter, as packet communications fee will be a large sum, you are advised to use i-mode packet flat-rate service.

1 ﾒﾆｭｰ(Submenu) while the website is displayed by i-mode ▶ Full Browser ▶ Switch to FB ▶ YES

To switch from Full Browser to i-mode

1. ﾒﾆｭｰ(Submenu) while the website is displayed by Full Browser ▶ i mode Browser ▶ Switch to i mode

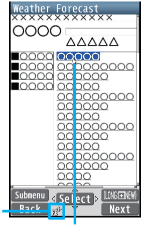
Viewing and Operating Sites

Scroll display/Move highlighted/
Move the pointer: ○

Select an item (link): ●(Select)

Return to previous page: ✉(Back)

Forward to next page: iα(Next)



“FB” or “FB” appears while accessing by Full Browser.

Storing Frequently Accessed Sites

Bookmark websites or i-mode sites you frequently visit to get them displayed easily.

1 メニュー(Submenu) while the site is displayed ▶Bookmark▶Add bookmark▶OK ▶Select a destination folder.

To access a site stored in Bookmark

1. メニュー▶ ⅰ mode/web▶Bookmark▶Select a folder ▶Select a bookmark.

Saving Site Contents

If you save the page once you visited as a screen memo, you can easily refer to it without connecting to i-mode.

1 メニュー(Submenu) while the site is displayed ▶Screen Memo▶Save screen memo ▶Phone▶YES

To display a saved screen memo

1. メニュー▶ ⅰ mode/web▶Screen Memo▶Phone or microSD ▶Select a screen memo.

- Depending on the site, for instance, when saving of screen memos is disabled at the site, you may not be able to save screen memos properly.

i-channel

This service distributes information such as news and weather forecast to i-channel mobile phones. The automatically received latest information flows on the Stand-by display by tickers. You can read it on the i-channel list by pressing クリア. Further, two types of channels, “ベーシックチャネル (Basic channel)” provided by DOCOMO and “おこのみチャネル (Optional channel)” provided by IPs (Information Providers) are available. You are not charged a packet communication fee for auto-updates of “ベーシックチャネル (Basic channel)” information.

You are charged a packet communication fee for auto-updates of “おこのみチャネル (Optional channel)” information that will be available by registering your favorite channels. Note that you are charged separately a packet communication fee for browsing detailed information for both “ベーシックチャネル (Basic channel)” and “おこのみチャネル (Optional channel)”. When you use the international roaming service, you are charged a packet communication fee for both auto-update and browsing detailed information.

- i-channel is a pay service which is available on a subscription basis (You need to subscribe to i-mode to apply for i-channel).
- For details on i-channel, refer to “Mobile Phone User’s Guide [i-mode]”.
- The i-channel service is provided in Japanese only.

Displaying i-channel

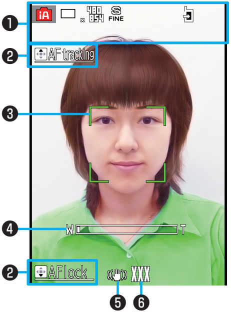
1 Press クリア.

Select each channel to browse its detailed information.

Camera

Viewing and Operation of Finder Display

For Digicam mode



❶MENU

You can check the settings.

❷Key operation guidance

❸Focus frame

When a subject is focused on, the frame becomes green.

❹Zoom bar

The zooming status is displayed.

❺The setting of Image stabilizer

❻The number of remaining recordable still images

Operations for shooting

Shoot/Save still image: ◉

Focus function: ◎

Zoom: ◎(TELE)/◎(WIDE)

- You may not be able to zoom depending on the selected image size.

Shooting Still Images/Moving Pictures

Shooting Still Images

1 **ﾒﾆｭｰ ▶CAMERA/TV/MUSIC▶Camera ▶Digicam mode**

2 **◉(Record)▶◉(Save)**

Shooting Moving Pictures

1 **ﾒﾆｭｰ ▶CAMERA/TV/MUSIC▶Camera ▶Movie mode**

2 **Press ◉(Record) to start recording ▶Press ◉(Stop) to end the recording ▶◉(Save)**

- Do not leave the FOMA terminal with the lens pointing to direct sunlight. Pixels may be discolored or burns may result.
- When the battery level is low, you may not be able to save still images/moving pictures you shoot.

Viewing Still Images/Moving Pictures after Shooting

You can display the still image or the moving picture you have shot in Picture Album. You can detect a person's face on the still image you have shot and expand it. You can also play expressive slide shows with the effect function.

1 **ﾒﾆｭｰ ▶ Data box ▶ My picture or ▯ motion/ Movie ▶ Picture album**

- Picture Album is also activated by pressing ✉(▶) from the Finder display.

2 **Select a folder ▶ Select a file.**

- To play a moving picture, press ◉(Play).

Shooting in Various Ways

Continuous Shooting Still Images

You can continuously shoot still images within the sizes from WQVGA (240 x 428) to VGA (480 x 640).

1 **ﾒﾆｭｰ(Submenu) from the Finder display for Digicam Mode ▶ Burst Shoot ▶ Continuous**

2 **Press ◉(Record) ▶ Highlight a still image and press ◉(Save).**

- You can save all the shot images by pressing 📷TV(STO all).

Shooting Still Images Using Auto Timer

1 **ﾒﾆｭｰ(Submenu) from the Finder display for Digicam Mode ▶ Auto timer ▶ 10 seconds or 2 seconds**

2 **Press ◉(Record).**

The still image is shot after 2 seconds or 10 seconds.

3 **Press ◉(Save).**

When shooting moving pictures using Auto timer

1. ﾒﾆｭｰ(Submenu) from the Finder display for Movie Mode ▶ Auto timer ▶ 2Sec. or 10Sec.
2. Press ◉(Record).
   Recording is started after 2 seconds or 10 seconds.
3. Press ◉(Stop) to end the recording ▶ ◉(Save)

1Seg

Using 1Seg

■Using 1Seg

1Seg is a service provided by television entrepreneurs (broadcasting stations). You are not charged a communication fee for receiving video and audio. For about fee charged by NHK, contact NHK.

※You are charged a packet communication fee for browsing "Data broadcasting site" and "i-mode site". You might be charged an information fee for using some sites (i-mode pay sites).

※For details on the 1Seg service, browse the following websites:
The Association for Promotion of Digital Broadcasting
From personal computer: http://www.dpa.or.jp/english/
From i-mode: http://www.dpa.or.jp/1seg/k/ (In Japanese only)

■Broadcasting waves

1Seg is one of the broadcasting services receiving radio waves (broadcasting waves) different from that used for the FOMA services.

Reception condition might be deteriorated or you might not be able to receive 1Seg broadcast in places as follows:

- Places far away from radio towers that transmit broadcasting waves
- Mountain-ringed regions or behind buildings
- In tunnels, underground, or recesses of buildings

※Channels might be reorganized along with the discontinuation of analog broadcasting. For this reason, you might need to reset the channels by using an automatic scan (see page 53). After resetting the channels, be sure to register the channels to the channel list. For details about channel changes accompanying terrestrial digital broadcasting, check resources such as the following website:
Ministry of Internal Affairs and Communications Television Receiver Support Center (Digital Support) Channel Changes Call Center (In Japanese only)
Phone number: 0120-922-303
Personal computer: http://www.digisuppo.jp/repack/
i-mode: http://digisuppo.jp/m/index.php

■Battery level

If you try to start 1Seg when the battery is low, the battery alert tone sounds, and a confirmation display appears asking whether to start it. When you do nothing on the confirmation display for about one minute, 1Seg automatically terminates.

■Messages on the display when you use 1Seg for the first time

When you use 1Seg for the first time after purchase, the Exemption Clause Confirmation display appears.

If you select "NO" on a confirmation display which appears after pressing ◉(OK), the same confirmation display does not appear afterward.

Setting Channels

When you activate 1Seg for the first time or change the area you are in, you need to operate “Channel setting”. Select “Auto channel setting” to enable you to search automatically for broadcast stations you can watch.

- You need to set this function when you are in a terrestrial digital TV broadcasting service area.

1 **(ﾒﾆｭｰ)▶CAMERA/TV/MUSIC▶1Seg ▶Channel setting▶Auto channel setting ▶YES▶YES▶Enter a title.**

To execute Channel Setting by selecting an area

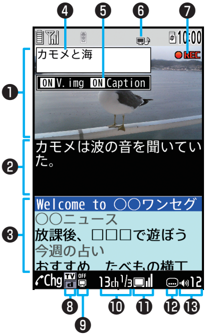
1. (ﾒﾆｭｰ)▶CAMERA/TV/MUSIC▶1Seg▶Channel setting ▶Select area▶Select an area▶Select a prefecture ▶YES

Watching 1Seg

1 **Press and hold (📷TV) for at least one second.**

1Seg starts and the viewer display appears.

Viewing and Operating Viewer Display



カモメは波の音を聞いていた。

Welcome to ○○ワンセグ
○○ニュース
放課後、□□□で遊ぼう
今週の占い
おすすめ　たべもの横丁

❶Video ❷Caption
❸Data Broadcasting
❹Program’s name
❺Switch Visual Image/Caption
❻Displayed while you are watching a 1Seg program
❼Video being recorded
❽Operation Mode

TVd: Video Mode

TVd:Data Broadcasting Mode

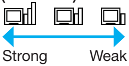
❾Displayed while setting 1Seg Op-free Auto Off

Starts flashing approximately one minute before automatic termination.

❿Channel (Remote-control number)

When a broadcasting station is broadcasting multiple services (programs), “Viewing service number/Number of all services” is also displayed.

⓫Airwave Reception Level (estimate)



“☒” appears out of the broadcasting area.

⓬Displayed while receiving caption information
⓭Sound Volume

The operation on the viewer display

Channel switch: ◎ Sound volume adjustment: ◎

Mute/Unmute: ｸﾘｱ Switch TV/data BC: ✉

Video recording: ●(📷/Rec.) (for at least one second) or ▮ (for at least one second)

- The recorded video is saved on the microSD card.

Setting Timer Watching or Recording 1Seg

Set the date and time, a channel, and program name, and enter them to the TV Timer List or Timer Recording List. When the set time arrives, you can start watching or recording.

1 **ﾒﾆｭｰ ▶CAMERA/TV/MUSIC▶1Seg ▶TV timer list or Timer recording list ▶📷TV(New)▶Enter each item ▶📷TV(Finish)**

Playing Recorded Video

1 **ﾒﾆｭｰ ▶Data box▶1Seg▶Video ▶Select a file.**

Music

Saving WMA File

You can save Windows Media® Audio (WMA) files from a personal computer to the microSD card.

- For details on MUSIC Player, refer to DOCOMO website.

1 **Connect the personal computer and the FOMA terminal by using the FOMA USB Cable with Charge Function 02 (option).**

2 **ﾒﾆｭｰ ▶Setting▶External connection ▶USB mode▶MTP mode**

3 **Start Windows Media Player 10/11/12 and save WMA files to the microSD card.**

- You cannot save WMA files to the FOMA terminal.
  A license protected WMA file cannot be saved to the FOMA terminal or the microSD card.
- For how to operate Windows Media Player 10/11/12, refer to Help for Windows Media Player 10/11/12.
- When you finish saving, remove the FOMA USB Cable with Charge Function 02 from the FOMA terminal.
- When you remove the FOMA USB Cable with Charge Function 02, remove it after finishing the software in use.

■Handling music files

You can use music files saved on the microSD card for personal use only. Before using, give enough consideration not to infringe on the third party's intellectual property rights or other rights such as copyright.

Playing Music Files

MUSIC Player enables you to play Chaku-uta Full® music files you have downloaded from sites, or to play WMA files you saved on the microSD card using your personal computer.

- "Chaku-uta Full" is a registered trademark of Sony Music Entertainment Inc.

1 (ﾒﾆｭｰ)▶CAMERA/TV/MUSIC ▶MUSIC Player▶All music ▶Select a music file.

Operations of MUSIC Player display

Halt: (📷TV)(■)

Pause: (●)(II)

Search (fast forward): Press and hold ○

Search (fast rewind): Press and hold ○

Sound volume adjustment: ○

Replay next file: ○

Replay previous file: ○ (When playback time is over three seconds, you go back to the beginning of the file.)

i-αppli/i-Widget

i-αppli is a software program for mobile phone supporting i-mode. By downloading various software programs from the i-mode site, you can use your FOMA terminal more conveniently. You can automatically update the stock price information or weather information, and enjoy games without accessing network.

i-Widget is a useful function for gaining easy access to frequently used contents and tools (Widget Appli programs) such as the calculator, clock, memo pad and stock market information. Widget Appli programs can be added by downloading them from the web site.

- Depending on the i-αppli program, you might be charged a communication fee for using.
- The packet communication fee for overseas use differs from the one for domestic use.
- A multiple number of Widget Appli programs may start communicating when you open the i-Widget display. If you browse detailed information, you are charged separately a packet communication fee.
- For details on i-αppli/i-Widget, refer to “Mobile Phone User’s Guide [i-mode]”.

Starting i-αppli

1 **iα (for at least one second) ▶Select a software program.**

Starting Widget Appli

1 **○ (for at least one second) ▶Select a Widget Appli program.**

You can operate Widget Appli program separately.

Downloading i-αppli from Sites

1 **Select a software program from a downloadable site▶Select “OK” when downloading ends▶YES**

- You can delete the pre-installed i-αppli programs. You can re-download deleted programs from the “P-SQUARE” site. You can download not only i-αppli programs but also the pre-installed Deco-mail pictograms, Kisekae Tool files, Machi-chara images, Chara-den images, templates, dictionaries, and Content packages from the “P-SQUARE” site (in Japanese only).
  Menu→メニューリスト (Menu List)→ケータイ電話メーカー (Mobile Phone Maker)→P-SQUARE
- Deadlines for re-download services
  ･“リバーシ (REVERSI)”: the end of September, 2016
  ･“ハイパー四川省 (Hyper Sichuan)”: the end of September, 2016
- The re-download services may be halted or closed without notice even in the service period.

i-motion/Movie

i-motion is a file consisting from video, audio, and music which you can download to your FOMA terminal from i-motion sites that support i-motion. You can also set it for a ring tone.
Also, by using high speed communication, you can play back smooth and high-quality movie files provided by portal sites, movie specialty sites and other sites on the Internet.

- When downloading or streaming an i-motion/movie file, you might receive a bulky file. When data size required for sending or receiving is bulky, packet communications fees will be a large sum. You are advised to use i-mode packet flat-rate service.
- Two types of i-motion/movie files, streaming type and normal/download type are available.

Categories	Description
Streaming type (cannot be saved)	Plays data while receiving.
Normal/Download type (can be saved)	When download is completed, the Download Completion display appears. You can then play or save data.

Downloading i-motion/Movie

1 Select an i-motion/movie file from a downloadable site ▶ Save ▶ YES ▶ Select a destination folder.

Playing i-motion/Movie

1 (ﾒﾆｭｰ) ▶ Data box ▶ i motion/Movie ▶ Select a folder ▶ Select a file.

i-concier

i-concier works to serve you with a pleasant life just like a clerk or concierge does. The service holds your data (area information about your neighborhood, Memo, Schedule, ToruCa, Phonebook, etc.) and sends you information, with good timing, about a variety of things according to the contents of your memo and your schedule event, your living area, your current location, or your preference or taste. This service provides related information about Memos, schedule events, or ToDo items, and automatically updates schedule events or ToruCa files to the latest, and also automatically adds useful information such as about the opening hours of various shops to your Phonebook. It also allows you to share the schedules or images held by the DOCOMO's Data Storage Center with friends, family members or other groups. It also enables you to easily print out the images held. i-concier information is notified by a Machi-chara image (cartoon character that appears on the Stand-by display).

- For details on i-concier, refer to "Mobile Phone User's Guide [i-mode]".
- i-concier is a pay service which is available on a subscription basis (You need to subscribe to i-mode to apply for i-concier).
- If you have not subscribed to Data Security Service but will newly subscribe to i-concier, you are to subscribe to Data Security Service as well as i-concier.
- Depending on the content (information, i-schedule, and others), you might be charged separately an information fee other than the i-concier monthly fee.
- You are charged a packet communication fee separately for receiving information except some.
- You are charged separately a packet communication fee for using detailed information.
- You are charged separately a packet communication fee for auto-updates of i-schedule, Memo, ToruCa, and Phonebook, etc.
- i-concier is available in Japanese only.

Receiving Information

1 **When information arrives, Ⓒ blinks and the content is displayed on the Stand-by display▶Select a message ▶Select a piece of information.**

Displaying i-concier

1 **ﾒﾆｭｰ▶i-concier▶インフォメーション一覧 (Information list)▶Select a piece of information.**

Convenient Tools

Using Shabette-Kensaku

You can execute i-mode search by voice.

- The first time you use this function, select "Use" on the usage information display.
- You are charged separately a packet communication fee.
- This function recognizes only Japanese word.

1 **ﾒﾆｭｰ▶Tool▶Shabette-Kensaku ▶Within 10 seconds after the vibration begins, speak into the microphone, and then press ◉(Set).**

- Even if you do not press ◉(Set), your voice input is accepted automatically within about 3 seconds after you finish speaking.

Using Start by Voice

You can call up the function by voice.

This function is available in Japanese mode only.

- The first time you use this function, select “利用する (Use)” on the usage information display, or press 📷TV(開始).

1 **☎ (for at least one second) ▶When “それではどうぞ　★★音声受付中★★ (Please　★★Voice is being accepted.★★)” is displayed, pronounce the function into the microphone within 10 seconds.**

- When the function to be called up cannot be specified, you can look it up in “使いかたガイド (Guide)”.

■**Note when using Shabette-Kensaku or Start by Voice**

- Speak as clearly as possible, in natural conversation speed.
- Speak in quiet, noise-free locations.
- Recognition result may differ depending on pronunciation and the surrounding environment.

Using Schedule

1 **ﾒﾆｭｰ▶Tool▶Schedule**

Select a date to show a schedule event of the selected date. Select the schedule event to confirm its details.

2 **ﾒﾆｭｰ(Submenu)▶New▶Enter each item ▶📷TV(Finish)**

Using Alarm

1 **ﾒﾆｭｰ▶Tool▶Alarm▶Highlight an alarm and press 📷TV(Edit)▶Enter each item ▶📷TV(Finish)**

- The alarm does not sound in Public mode (Drive mode), Dial Lock, “Alarm” locked in Original Lock or Omakase Lock.

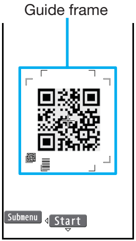
Using Bar Code Reader

You can use the camera to scan QR codes and others, and store them as files.

From the scanned data, you can make calls, compose i-mode mail messages, access Internet websites, and so on.

■When scanning with Bar Code Reader

- Scan the code as large as possible within the guide frame.
- Autofocus works when you scan the code about 10 cm or more away from it.
  When you scan the code in the out-of-focus state, the recognition rate lowers.
- Hold the camera in parallel with the code when you scan.



■QR code

QR code is one of the two-dimensional codes that denotes data in the vertical and horizontal directions.

- "株式会社NTTドコモ (NTT DOCOMO, INC.)" is displayed when you scan the QR code with the FOMA terminal.

Scan a Code

<Example> Access P-SQUARE by using QR code on the right

QR code for accessing the site

1 ﾒﾆｭｰ ▶Tool▶Bar code reader▶Scan code ▶Fit a code to the guide frame and press ○ to focus ▶Press ●(Start) to scan the code.

A URL is displayed as a scanned result.

2 Select the URL▶i-mode Browser

Data Management

Using microSD Card

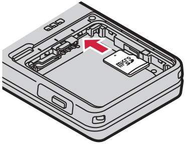
If you do not have a microSD card, you need to purchase it.

- P-01E supports a commercial microSD card of up to 2 Gbyte and microSDHC card of up to 32 Gbyte (As of September 2012).
  For the latest operation, check information such as the memory capacity and manufacturers of microSD cards, access the following sites (in Japanese only). For the microSD cards other than published in the sites, contact each microSD card maker.
  ·From i-mode to P-SQUARE (As of September 2012)
  i Menu→メニューリスト (Menu List)
  →ケータイ電話メーカー (Mobile Phone Maker)
  →P-SQUARE
  ·From personal computers
  http://panasonic.jp/mobile/
  Note that the published information is the result obtained from the operation check, which does not necessarily guarantee all performances of those microSD cards.
- Make sure that you turn off the power, and then insert/remove the microSD card.

Inserting/Removing microSD Card

- The inserting slot of the microSD card is in the inside of the back cover.
  To insert it, remove the back cover, and then remove the battery pack.

1 With the metal terminal surface facing downward, make sure that the cut edge is positioned at right and then insert.



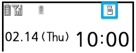
- Push it until it clicks.

When you remove the microSD card

Push the microSD card until it stops and remove it.

- Note that the microSD card may pop out when you insert or remove it.

Icons on the Display


02.14 (Thu) 10:00

SD : A microSD card is inserted.

⇅ : Data is being read/written.
(Do not remove the microSD card nor turn off the FOMA terminal.)

SD : The microSD card is write-protected.

SD : The microSD card cannot be used.
(Insert the microSD card again. If "SD" is still displayed, execute "Check microSD" or "microSD format".)

Checking microSD Card

Check and repair a microSD card.

- Depending on the condition of the microSD card, correctly repairing the card might not be possible, and data might be deleted or the card might be initialized.

1 ﾒﾆｭｰ ▶Tool▶microSD ▶Refer microSD data▶ﾒﾆｭｰ(Submenu) ▶Check microSD▶YES

Formatting microSD Card

When you use the microSD card for the first time, you need to format (initialize) it.

- Be sure to use P-01E for formatting. The microSD card formatted using other devices such as personal computers may not work properly.
- Note that formatting deletes all content on the microSD card.

1 ﾒﾆｭｰ ▶Tool▶microSD ▶Refer microSD data▶ﾒﾆｭｰ(Submenu) ▶microSD format▶Enter your Terminal Security Code▶YES

Copying Data to microSD Card

<Example> Copying a still image

1 ﾒﾆｭｰ ▶Data box▶My picture ▶Select a folder▶Highlight a still image to be copied and press ﾒﾆｭｰ(Submenu) ▶Copy to microSD▶Copy this ▶Select a destination folder.

Copying Data to FOMA Terminal

<Example> Copying a still image

1 ﾒﾆｭｰ▶Data box▶My picture▶✉(microSD)▶Select a folder▶Highlight a still image to be copied and press ﾒﾆｭｰ(Submenu)▶Copy to phone▶Copy this▶Select a destination folder.

Displaying Data Stored on microSD Card

<Example> Displaying a still image

1 ﾒﾆｭｰ▶Data box▶My picture▶✉(microSD)▶Select a folder▶Select an image.

Check Capacity of microSD Card

The total memory and used memory (estimated) in the microSD card can be displayed.

1. ﾒﾆｭｰ▶Tool▶microSD▶Refer microSD data▶ﾒﾆｭｰ(Submenu)▶microSD info

Backing up Data to microSD Card

You can back up Phonebook entries, schedule events, mail messages, memos, bookmarks, and the settings on and information about your FOMA terminal collectively onto the microSD card. When restoring the backup data onto your FOMA terminal, they are collectively restored.

- Backing up data from the FOMA terminal onto the microSD card is collectively applied to all data, so emptied files in the FOMA terminal are also backed up on the microSD card. When you restore such data onto your FOMA terminal, emptied files on the microSD card overwrite the data in the FOMA terminal created later.

1 ﾒﾆｭｰ▶Tool▶microSD▶Backup/Restore▶Backup to microSD▶Enter your Terminal Security Code▶YES

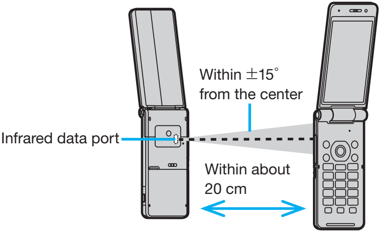
To restore backup data to FOMA terminal

1. ﾒﾆｭｰ▶Tool▶microSD▶Backup/Restore▶Restore to phone▶Enter your Terminal Security Code▶YES

Sending/Receiving Data by Infrared Communication

You can send or receive data such as Phonebook entries to or from a device supporting infrared communication function.

- You cannot exchange data depending on the other party's device or FOMA terminal.



Sending Data

- Set the receiving end terminal first, and then start sending data within 60 seconds.

1 Submenu of the data to be sent ▶Send Ir data▶YES

- Procedure for sending data might differ depending on the data.

Receiving Data

1 メニュー▶Tool▶Receive Ir data▶Receive ▶YES

Connecting to a PC

You can connect the FOMA terminal to a personal computer to exchange WMA files, images or other files stored on microSD card.

You can also access the Internet to perform data communication.

※You need the FOMA USB Cable with Charge Function 02 (option) or FOMA USB Cable (option).

※To perform data communication, you need to install the "FOMA communication configuration file" (driver).
For details, refer to "Manual for PC Connection".
You can download the "FOMA communication configuration file" and "Manual for PC Connection" from the DOCOMO website.
http://www.nttdocomo.co.jp/english/support/

DOCOMO Connection Manager

"DOCOMO Connection Manager" is a software which comes in handy for DOCOMO's data communication.

It enables easy PC settings according with the terms and conditions of the user's agreement.

It also makes it possible to check the amount of the data communication and provides a rough estimate of the charges using the charge counter function.

For details, refer to the DOCOMO website.

http://www.nttdocomo.co.jp/support/utilization/application/service/connection_manager/ (In Japanese only)

Support

Troubleshooting

- First of all, check to see if you need to update the software program and then update it if necessary. See page 68 for how to update software programs.
- When symptom persists even after you check the countermeasures for the problem you suffer, contact the "Repairs" counter listed on the back page of this manual or a repair counter specified by DOCOMO. The "Repairs" counter is available in Japanese only.

Power source

The FOMA terminal does not turn on.

···Make sure the battery pack is attached to the FOMA terminal correctly. (See page 19)

···Make sure the battery is fully charged. (See page 20)

Charging

Cannot charge.
(The Call/Charging indicator does not light, or it flickers.)

···Make sure the battery pack is attached to the FOMA terminal correctly. (See page 19)

···Make sure the power plug of the adapter or cigarette lighter plug is securely inserted into the outlet or cigarette lighter socket.

···Make sure the adapter and the FOMA terminal are connected correctly. (See page 20)

···When you use an AC adapter (option), make sure its connector is firmly connected to the FOMA terminal or the provided desktop holder. (See page 20)

···When you use the desktop holder, make sure the connector terminal of the FOMA terminal is not stained. If it is stained, wipe the terminal part with a dry cotton swab, etc.

···If you talk on the phone, have communications, or operate other functions for a long time during battery charge, the temperature of the FOMA terminal may rise to flicker the Call/Charging indicator. In that case, charge the battery after the FOMA terminal cools down. (See page 20)

···If you are in a location other than the appropriate ambient temperature, charging may not be started or fully charged. In that case, charge the battery again under the appropriate ambient temperature. (See page 20)

Operation of terminal

While you operate the FOMA terminal or charge the battery, they get hot.

···While operating or charging, or when you operate i-αppli programs, talk on the videophone, or watch 1Seg programs for a long time during battery charge, the FOMA terminal, battery pack, or adapter may become warm, but this is not a safety hazard, so you can continue to use them.

The usable time of the battery is short.

···Make sure not to leave the FOMA terminal out-of-service-area for a long time. If your FOMA terminal is left out-of-service area, it searches for radio waves to establish communications, consuming more power.

···The usable time of the battery pack varies depending on the usage environment or its remaining life.

···Battery packs are consumables. The usable time slightly shortens each time you charge the battery. If the usable time becomes extremely short as compared with the default state even if fully charged, purchase the specified battery pack.

The power of the FOMA terminal shuts down and restarts.

···If the terminal of the battery pack is stained, the connection might deteriorate to shut down the power. Wipe the battery terminal with a dry cotton swab, etc.

Pressing keys is disabled.

···Make sure Dial Lock is deactivated. (See page 35)

···Make sure Keypad Lock is deactivated. (See page 36)

···Make sure Side Key Guard is set to “OFF”.

The docomo mini UIM card is not recognized.

···Make sure you insert the docomo mini UIM card in the correct direction. (See page 19)

The clock does not show the correct time.

···The clock may not show the correct time when the power has been kept on for a prolonged period of time. Check whether “Auto time adjust” and “Auto time difference” of “Set main time” have been set to “Auto” and then, move to a location with good signal reception, turn off the power of FOMA terminal and then back on.

Call

Cannot make a call by pressing numeric keys.

···Make sure Restrict Dialing is deactivated.

···Make sure the lock for “Keypad dial” in Original Lock is released. (See page 36)

···Make sure Dial Lock is deactivated. (See page 35)

···Make sure Self Mode is deactivated.

Cannot talk.
(“📵” does not disappear even if you move to another place.
You cannot make or receive a call, though the radio wave conditions are not bad.)

···Turn off and on the FOMA terminal, or remove and attach/insert the battery pack or docomo mini UIM card. (See page 19, page 21)

···Depending on the characteristics of the radio waves, you may not be able to make or receive a call even if the FOMA terminal is “within service area” or “📶” is displayed for a radio wave condition. Move to another place and redial.

···Make sure the call restrictions such as Call Rejection, Call Acceptation, etc. are deactivated.

···Depending on the radio wave congestion state, calls and mail messages may be congested and hard to be connected in crowded places. In that case, the message “Please wait” or “Please wait for a while” is displayed and a busy tone sounds. Move to another place or wait for a while, and then redial.

Camera

Still images and movies shot by the camera are blurred.

···When you shoot a subject in a short distance, set Focus mode to “Macro”.

···When you shoot portraits, set Focus mode to “FaceDetect”.

···Set Stabilizer to “Auto” and then shoot.

···Make sure the lens of the camera is not fogged or stained.

Warranty and After-sales Service

Warranty

- Make sure that you have received a warranty card provided at purchase. After checking the contents of the warranty card as well as “Shop name and date of purchase”, keep the warranty card in a safe place. If you notice that necessary items of the warranty card are not filled in, immediately contact the shop where you purchased the FOMA terminal from. The term of the warranty is one year from the date of purchase.
- All or part of this product including the accessories may be modified for improvement without notice.

After-sales Services

◎When there is a problem with the FOMA terminal

Before asking repairs, check “Troubleshooting” in this manual or in “使いかたガイド (Guide)” mounted on the FOMA terminal. (“使いかたガイド (Guide)” is available in Japanese mode only.) If the problem remains unsolved, contact the “Repairs” counter listed on the back page of this manual for malfunction and consult them.

The “Repairs” counter is available in Japanese only.

◎When repairs are necessitated as a result of consultation

Bring your FOMA terminal to a repair counter specified by DOCOMO. Note that your FOMA terminal is accepted for repair during the repair counter's business hours. Further, note that you may need to wait for fixing depending on the malfunction state.

■In warranty period

- · Your FOMA terminal is repaired charge free in accordance with the terms of warranty.
- · Make sure that you bring the warranty card to the counter for repair. If you do not show the warranty card, or when troubles or malfunctions are regarded to be caused by your mishandling (the damages of liquid crystal, connector, etc.), the repair cost is charged even within the warranty period.
- · The cost for troubles caused by the use of devices and consumables other than those specified by DOCOMO is charged even within the warranty period.

■Repairs may not be carried out in the following cases:

- · When exposure to water is found at our repair counter (Example: When the moisture detection sticker has reacted)
- · When, as a result of inspection at our repair center, corrosion is found due to exposure to water, dew condensation, or sweat, or when damage or deformation is found in the circuit board [Repairs might not be carried out when damage to the connector terminal (earphone/microphone terminal) or liquid crystal, or cracks in the body are found.]

※Even if repair is feasible, the repair cost is charged when the trouble you suffer matches one of the symptoms listed above, which is not supported by the warranty.

■After the warranty period

We will repair your FOMA terminal on request (charges will apply).

■Spare parts availability period

The minimum storage period of the performance spare parts (parts required for maintaining performance) for the FOMA terminal is basically six years after the closure of its production. Note, however, that your FOMA terminal might not be repaired depending on the troubled portions because of the shortage of spare parts.

◎Other points to note

- Make sure not to modify the FOMA terminal or its accessories.
  - · We might reject to repair depending on the degrees of your modification.
    The following might be regarded as modifications:
    - · To put stickers, etc. onto the liquid crystal or keys
    - · To decorate the FOMA terminal using adhesives
    - · To replace the coverings etc. with those of other than DOCOMO genuine products
  - · Repairs of troubles or malfunctions resulting from the modifications are charged even within the warranty period.
- Do not peel the nameplate off the FOMA terminal.
  Note that when we cannot ensure the contents described on the nameplate and therefore cannot verify the product conformity to the technical standard, it might happen that we at DOCOMO reject to repair the malfunction.
- The information such as about function settings, etc. might be reset depending on the troubles or repairs, or the way you handle the FOMA terminal. Set the settings again.
- The parts generating magnetism are used in the following portions of the FOMA terminal. Note that if you place a magnetism-sensitive object such as a cash card near the FOMA terminal, the card might become unusable.
  Portions: speaker, earpiece
- This FOMA terminal comes with the waterproof performance, however, if the inside of the FOMA terminal gets wet or becomes moist, immediately turn off the power and remove the battery pack; then visit a repair counter. The FOMA terminal may not be repaired depending on the condition.

Error Information Send Setting

When an error occurs on the FOMA terminal, the error information is created automatically and send it to DOCOMO if this function is set to “ON”.

1 ﾒﾆｭｰ▶Setting▶Other setting ▶Error info send set.▶Enter your Terminal Security Code▶ON/OFF

i-mode Fault Diagnosis Site

You can check on your FOMA terminal whether sending/receiving mail messages, downloading images/melodies, and others are normally working. When you think your FOMA terminal is in trouble as a result of your check, contact the “Repairs” counter listed on the back page of this manual. The “Repairs” counter is available in Japanese only.

- To connect to “ｉモード故障診断サイト (i-mode Fault Diagnosis Site)” [in Japanese only]
  i-mode site: ｉ Menu→お客様サポート (User support)
  →お問い合わせ (Inquiries)
  →故障･電波状況お問い合わせ先 (Failures & Radio wave condition)
  →ｉモード故障診断 (i-mode Fault Diagnosis)

QR code for accessing the site

- When you use overseas, you are charged a fee.

Updating Software

This function is to check whether you need to update software programs in the FOMA terminal by connecting to the network, and if necessary, you can download some parts of software programs using packet communication, and can update the software programs.
If you need to update the software programs, the DOCOMO website and “お客様サポート (User support)” in Japanese ｉ Menu lets you know information about updating software programs. There are three kinds for updating software programs; “Auto-update”, “Update Now” and “Reserve Update”.

- You can update software programs, with data retained, such as Phonebook entries, images shot by the camera, or downloaded data in the FOMA terminal; however note that data may not be protected depending on the conditions (such as malfunction, damage, or drench) your FOMA terminal is placed in. You are advised to back up important data. Note that data such as downloaded ones might not be backed up.

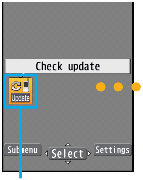
■Before using Software Update

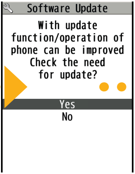
- Do not remove the battery pack while updating software programs. You may fail to update.
- Fully charge the battery before updating software programs.
- It may take time to update (download or rewrite) software programs.
- You cannot make/receive calls, use communication functions, and other functions while updating software programs. (You can receive voice calls during download.)

- You are advised to update software programs when radio wave is strong enough with the three antennas displayed and while you are not moving. If radio wave conditions get worse while downloading software programs, or download is suspended, move to a place with better radio wave conditions and try again to update software programs.
- When updating software programs, the proprietary information about your FOMA terminal (model name or serial number, etc.) is automatically sent to the server (DOCOMO-managed server for Software Update). We at DOCOMO never use the sent information for purposes other than to update software programs.
- If you fail to update software programs, “Rewrite failed” is displayed and you cannot do all operations. In that case, you are kindly requested to come to a repair counter specified by DOCOMO.

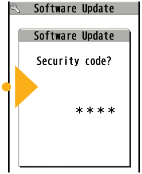
Start Software Update from Icon

1 **Select “Update notification icon” on the Stand-by display.**





With update function/operation of phone can be improved Check the need for update?

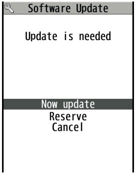


Security code?
＊＊＊＊

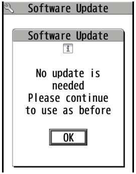
Update notification icon

Check whether you need to update software programs.

2 **When update is necessary, “Update is needed” is displayed. And you can select either “Now update” or “Reserve”.**



Update is needed

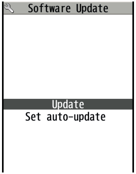


No update is needed
Please continue to use as before

- When you select “Now update”, update immediately starts.
- When rewriting is completed, your FOMA terminal automatically restarts and the Update Completion Confirmation display appears.
- When you select “Reserve”, you can select the date and time you want.

Start Software Update from Menu

1 **ﾒﾆｭｰ ▶Setting▶Other setting ▶Software Update ▶Enter your Terminal Security Code▶Update**



2 **Go to step 2 of “Start Software Update from Icon” on page 69.**

Scanning Function

You can detect data or application programs, which might cause troubles, from among those downloaded to your FOMA terminal, and then can delete the data or stop starting the application programs.

- This scan function provides a certain protective measure to filter out data that might cause troubles with your FOMA terminal at the time when you browse websites or receive messages. Note that when the virus pattern data supporting respective troubles is not yet downloaded to your FOMA terminal, or when no virus pattern data supporting them is found, this function does not prevent troubles from occurring.

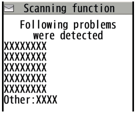
Updating pattern data

First of all, update the pattern data to obtain the latest.

1. ☰ ▶Setting▶Lock/Security▶Scanning function▶Update▶YES ▶YES

Displays for scanning results

■About the display for scanned problem elements


Scanning function

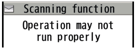
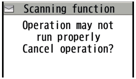
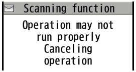
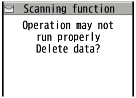
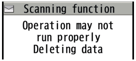
Following problems were detected

XXXXXXXX
XXXXXXXX
XXXXXXXX
XXXXXXXX
XXXXXXXX
Other:XXXX

A warning display appears when problematic data is found. Press ⓘ(Detail) from the warning display to show the name of the problem element.

- When six or more problem elements are found, the sixth and later problem element names are omitted.
- “ Detail ” might not appear depending on the detected problem element.

■The displays for scanning result

Alert level 0	 Scanning function Operation may not run properly	Press ◉(OK) to continue the operation.
Alert level 1	 Scanning function Operation may not run properly Cancel operation?	Press ◉(YES) to stop and end the operation. Press 📷(NO) to continue the operation.
Alert level 2	 Scanning function Operation may not run properly Canceling operation	Press ◉(OK) to stop and end the operation.
Alert level 3	 Scanning function Operation may not run properly Delete data?	Press 📷(YES) to delete the data and end the operation. Press ◉(NO) to stop and end the operation.
Alert level 4	 Scanning function Operation may not run properly Deleting data	Press ◉(OK) to delete the data and end the operation.

- The alert displays differ from shown above may appear.

Options and Related Devices

Combining various options with the FOMA terminal, you can realize more versatile use from personal purpose to business purposes. Some products may not be dealt in depending on the area. For details, consult a handling counter such as a docomo Shop. For details on options, refer to the user's manuals of respective options and related devices.

- Battery Pack P23
- Back Cover P58
- Desktop Holder P51
- FOMA AC Adapter 01/02※1
- FOMA AC Adapter 01 for Global use※1
- FOMA DC Adapter 01/02
- FOMA Portable Charging Adapter 01/02/03
- FOMA Dry Battery Adapter 01
- FOMA eco Solar Panel 01
- FOMA USB Cable with Charge Function 02※2
- FOMA USB Cable※2
- FOMA Indoor Booster Antenna※3
- FOMA Indoor Booster Antenna (Stand Type)※3
- Carry Case L 01
- Carry Case 02
- In-Car Holder 01※4
- Earphone/Microphone 01
- Stereo Earphone Set 01
- Earphone/Microphone with Switch P001/P002※5
- Flat-plug Earphone/Microphone with Switch P01/P02※6
- Flat-plug Stereo Earphone Set P01※6
- Earphone Plug Adapter P001※6
- Earphone Plug Adapter for External connector terminal 01
- Earphone Plug Adapter 01
- Flat-plug Connector/Stereo Mini-jack Conversion Adapter P01※6
- Bone conduction microphone/receiver 01※6
- In-Car Hands-Free Kit 01※7
- FOMA In-Car Hands-Free Cable 01

※1 See page 20 for charging batteries using AC adapter.
※2 If you use a USB hub, outer devices may not work correctly.
※3 Use it in Japan only.
※4 If the connector terminal, etc. of the FOMA terminal comes into contact with the In-Car Holder, change the direction of the FOMA terminal or In-Car Holder. Then, install.
※5 Earphone Plug Adapter P001 and Earphone Plug Adapter for External connector terminal 01 are required.
※6 Earphone Plug Adapter for External connector terminal 01 is required.
※7 To use/charge the P-01E, FOMA In-Car Hands-Free Cable 01 is required.

Appendix

Function List

Execute “Resetting the Function Settings to Default” on page 36 for the items indicated by ▨ to return to the respective defaults.

Mail	Inbox	
	Outbox	
	Draft	
	Mail history box	
	Compose new message	
	Create new Deco-Anime	
	Decome-Template	Deco-mail
		Decome-Anime
	Compose new SMS	
	Check mail/message	
	Check new SMS	
	Receive option	
	Mail setting	Receive setting
		Display setting
		Text predict
		Signature setting
		Phrases/Store word
		Mail box lock
		Set check mail/message
		Blog/Mail group

Mail	Mail setting	Address/Spam Mail Set.
		Auto save setting
		SMS setting
		Area Mail setting
		Auto Deco-mail setting
		Check settings
		Reset

i mode/web	i Menu/Search	
	Bookmark	
	Screen Memo	
	Browsing history	
	Enter URL	Enter URL
		URL enter history
	i-Channel	i-Channel list
		Ticker display setting
		Reset i-Channel
	i mode/web setting	i mode Browser Set.
		Full Browser Settings
		Common Settings
		Confirm i mode setting
		Reset i mode setting
	Full Browser Home	

i αppli	Software list (phone)	
	i αppli (microSD)	Software list
		i αppli data
	i αppli call logs	

i αppli	i αppli run info	End stand-by info
		End Widget appli info
		Security error history
		Auto start info
		Trace info
	i αppli setting	Auto-start setting
		Disp. software info
		i-Widget overseas use
		i-Widget sound effect
		i-αppli call settings
		i αppli volume
		Preferred tone
		αBacklight
		αPower saver
		αVibrator
		Check settings

CAMERA/TV/MUSIC	Camera	Digicam mode
		Photo mode
		Movie mode
		Picture album
	1Seg	Activate 1Seg
		Program guide
		TV timer list
		Timer recording list
		Recording result

CAMERA/TV/MUSIC	1Seg	TVlink
		Channel list
		Channel setting
		User setting
	MUSIC Player	
	Music&Video Channel	

Data box	My picture	
	MUSIC	
	Music&Video Channel	
	i motion/Movie	
	Melody	
	Content package	
	My document	
	Kisekae Tool	
	Machi-chara	
	Chara-den	
	1Seg	Image
		Video
		Position memory
	Document viewer	
	Font	
	SD other files	
	Search all history	

Tool	Bar code reader	Scan code
		Saved data
	Calculator	
	Alarm	

Tool	Receive Ir data	Receive
		Receive all
	Schedule	
	Memo	
	Data Security Service	Data check/Download
		Update phonebooks
		Update schedule etc.
		Update images
		Update setting info
		Setting/History
	microSD	Refer microSD data
		Backup/Restore
	Guide	
	Voice recorder	
	Voice announce	
	Dictionary	Enter word
		Reference history
	Phrases/ Store word	Common phrases
		Store word
	Download dictionary	
	Voice quick start	
	Shabette-Kensaku	
	ToruCa	
	ToruCa settings	ToruCa settings
		Receive ToruCa
	Contact DOCOMO	

TEL function	Phonebook	Search phonebook
		Add to phonebook
		UIM operation
		Phonebook set./Check
		Forwarding image
	Rec. msg./ Voice memo	Play/Delete msg.
		Play/Delete VP msg.
		Record voice memo
		Record message setting
	Dialed/ Received call	Dialed calls
		Received calls
		Redial
	Dial/ Receive setting	Nuis. call blocking
		Caller ID request
		Caller ID notification
		Arrival call act
		Dial call setting
		Receive call setting
		In-call setting
		Headset function set.
		Call rejection set.
		Missed call notice

TEL function	Videophone setting	Visual preference
		Select image
		Auto redial as voice
		Ntfy switch-mode
		Reject videophone
		Hands-free switch
		V.phone while packet
	Call duration/ charge	Call duration/charge
		Notify cost limit
		Reset total
		Auto reset
	Disaster Voice Messaging	
	Koe-no-Takuhaibin	Msg. confirm/set(site)
		Message confirm(voice)
		Settings(voice)
	2in1	
	Melody call	
	Voice mail service	Play messages
		Activate
		Deactivate
		Set ring time
		Check setting
		Voice mail setting
		Check messages
		Message notification
		Delete icon
		Setting for videophone

TEL function	Other network serv.	Call forwarding
		Call waiting
		English guidance
		Remote access
		Multi Number
		Additional service
	Choku-Den	

Setting	Screen/ Display	Kisekae Tool setting
		Stand-by display
		MyFACE setting
		Color theme setting
		Each display setting
		Sub-display setting
		Machi-chara setting
		Soft key
		Menu Theme
		Viewer settings
		Icons
		Icons setting
		View blind
		Image display mode
		LCD AI
		Mail ticker display
		Information display

Setting	Sound/Vib./ Manner	Ring volume
		Select ring tone
		Other sound setting
		Vibrator setting
		Manner mode setting
		Machi-chara chat set.
	Backlight/ Illum.	Backlight
		Illumination setting
	Text display/ input	Font
		Character input set
		バイリンガル
	Time	Set main time
		Sub clock setting
		Clock display
		Auto power ON
		Auto power OFF
	Lock/ Security	Lock
		Keypad lock
		Secret mode
		Secret data only mode
		Call rejection set.
		Change security code
		UIM setting
		Scanning function
		Timer lock ON at close

Setting	Battery	eco mode
		eco mode setting
		eco mode autostart
		Use history
		Battery level
	External connection	USB mode
		Headset microphone
		Femtocell
	Other setting	MultiOneTouch set.
		Side key guard
		Camera-button setting
		Alarm setting
		Self mode
		Reset settings
		Initialize
		Software Update
		Error info send set.
		Quick search URL

Map/Overseas	imadoco search	imadoco kantan search
		imadoco search
	i-area	
	Overseas NW search	Network search setting
		PLMN setting
		Display operator name
		Display area status
		Re-search icon set.
	Overseas setting	Inquiries(overseas)
		Sub clock setting
		Bar incoming when roam
		Missed call notice
		Roaming guidance
		Int’l dial assistance
		i mode service set.
		Mail/Message usage set
		Network service

i-concier

Profile

MultiOneTouch

Others	Character input

Main Specifications

■**Handset**

Model		P-01E
Dimensions (when closed)		Height: Approx. 111 mm Width: Approx. 51 mm Depth: Approx. 15.1 mm
Weight (with the battery pack attached)		Approx. 118 g
Continuous standby time (FOMA/3G)		Standstill: Approx. 610 hours
Continuous talk time (FOMA/3G)		Voice call : Approx. 200 minutes Videophone call: Approx. 130 minutes
1Seg watching time		Approx. 310 minutes
Charging time		AC adapter: Approx. 120 minutes DC adapter: Approx. 120 minutes
Display	Type	Display: TFT 262,144 colors Sub-display: Organic EL 1 color
	Size	Display: Approx. 3.4 inches Sub-display: Approx. 0.9 inches
	Number of pixels	Display: 409,920 pixels (480 dots x 854 dots) Sub-display: 4,608 pixels (128 dots x 36 dots)
Image pickup device	Type	CMOS
	Size	1/4.0 inches
Camera	Number of effective pixels	Approx. 5,100,000 pixels
	Number of recording pixels (maximum)	Approx. 5,000,000 pixels
Recording	Number of recordable still images※1	Approx. 1,300 max. (default)
	Number of still images for continuous shooting	For Digicam Mode in Continuous setting VGA: 8 Square(S): 8 WQVGA: 8 For Photo Mode in Continuous setting (Continuous Mode) VGA: 4 QVGA: 5, 10 QCIF: 5, 10, 15, 20 Sub-QCIF: 5, 10, 15, 20
Music playback	Continuous playback time※2	SD-Audio file (supports Play Background): Approx. 6,500 minutes※3 Chaku-uta Full® music file (supports Play Background): Approx. 6,000 minutes※3 i-motion file (including Chaku-uta® music file): Approx. 1,260 minutes※3 WMA file (supports Play Background): Approx. 4,600 minutes Music&Video Channel program (supports Play Background) Sound: Approx. 6,000 minutes Moving picture: Approx. 280 minutes
Memory capacity	Chaku-uta®	Approx. 171 Mbyte (default)※4
	Chaku-uta Full®	

"Chaku-uta" is a registered trademark of Sony Music Entertainment Inc.

※1 Picture size: VGA (480 x 640), Quality: Standard

※2 The continuous playback time is the estimated duration that you can play back using the Stereo Earphone Set 01 (option) with the FOMA terminal closed.

※3 File format: AAC

※4 Shares with still images, i-motion files, melodies, PDF files, Music&Video Channel programs, Kisekae Tool files, Machi-chara images, Content packages, Font, Screen memos, ToruCa files, and i-αppli programs.

■Battery pack

Name of product	Battery Pack P23
Battery type	Li-ion (lithium ion) battery
Voltage	3.7 V
Capacity	800 mAh

■Specifications of shooting

<Still image (Photo mode)>

File format (Extension)	JPEG (jpg)
The number of files that can be saved to P-01E	Approx. 1,300 max. ※1※2
The number of files that can be saved to the microSD card (1 Gbyte)	Approx. 10,244 max. ※2

<Moving picture (Movie mode)>

File format (Extension)	MP4, ASF (3gp, asf)
Recordable time to P-01E	Approx. 30 seconds max. ※1※3
Recordable time to the microSD card (1 Gbyte)	Approx. 180 minutes max. ※4

<Zoom>

Still image (Photo mode)	Level of zoom	21 levels
	The maximum magnifications	Approx. 10.1 times
Moving picture (Movie mode)	Level of zoom	21 levels
	The maximum magnifications	Approx. 10.1 times

※1 Default setting

※2 The number of files that can be saved under the conditions of “Picture size: VGA (480 x 640), Quality: Standard.

※3 Maximum recording duration per shot that can be saved to the main unit under the conditions of “Movie size: VGA (640 x 480), File size: Mail restriction (L), Quality: Standard, Movie type set: Normal”.

※4 Maximum recording duration per shot that can be saved to the microSD card (1 Gbyte) under the conditions of “Movie size: VGA (640 x 480), File size: Long time, Quality: Standard, Movie type set: Normal”.

■Recordable time of 1Seg

Maximum (total) recordable time to the microSD card (1 Gbyte)	Approx. 320 minutes
Maximum (total) recordable time to the microSDHC card (32 Gbyte)	Approx. 10,240 minutes

- The maximum recordable time is the estimate for 224 kbps of video, 48 kbps of audio, and 52 kbps of data (including captions). The recordable time varies depending on the broadcasting station or program.
- The maximum file size for continuous recording is up to 2 Gbyte under SD-VIDEO specifications.

■Number of savable/registerable items in FOMA terminal

Function		Number of savable/ registerable items
Phonebook		1,000
Schedule		2,500 max. ※1
Mail	Received mail	2,500 max. ※1※2
	Sent mail	1,000 max. ※1
Still image		3,500 max. ※1
i-motion file		3,500 max. ※1
Music&Video Channel	Downloaded program	2
	Saved program	10 max. ※1
Kisekae Tool		3,500 max. ※1
i-αppli		100 max. ※1

※1 The number of savable/registerable items may decrease depending on the data volume.

※2 Includes pre-installed data.

Specific Absorption Rate (SAR) of Mobile Phones

SAR Certification Information

This model P-01E 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* 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 0.982 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.** In case you are not using the approved accessory, please use a product that does not contain any metals, and one that positions the mobile phone at least 1.5 cm away from your body.

The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

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

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

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

Ministry of Internal Affairs and Communications Website:
http://www.tele.soumu.go.jp/e/sys/ele/index.htm
Association of Radio Industries and Businesses Website:
http://www.arib-emf.org/index02.html
(In Japanese only)
NTT DOCOMO, INC. Website:
http://www.nttdocomo.co.jp/english/product/sar/
Panasonic Mobile Communications Co., Ltd. Website:
http://panasonic.jp/mobile/
(In Japanese only)

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

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

European RF Exposure Information

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 is 0.822 W/kg for head configuration.**

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.**

---

* 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 operating 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.

Declaration of Conformity

CE0168

The product "P-01E" 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://panasonic.net/pmc/support/index.html.

※The European RTTE approval of this product is limited to the use of the P-01E handset, Battery Pack and FOMA AC Adapter 01 for Global use (100 to 240 V AC) only. Other accessories are not part of the approval.

FCC Notice

- This device complies with part 15 of the FCC Rules.
  Operation is subject to the following two conditions:
  (1) This device may not cause harmful interference, and
  (2) This device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

FCC RF Exposure Information

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

Your wireless phone contains a radio transmitter and receiver. Your phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. 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 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 output.

Before a phone model is available for sale to the public, it must be tested and certified 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 in various positions 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 0.492 W/kg, and when worn on the body in a holster or carry case, is 0.535 W/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 requirement.

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 Display Grant section at http://www.fcc.gov/oet/ea/fccid/ after search on FCC ID UCE112056A.

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 that positions the handset a minimum of 1.5 cm from the body.

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* In the United States, the SAR limit for wireless mobile phones used by the 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.

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 a '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 22 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and do 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.

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.

Export Administration Regulations

This product and its accessories might be covered by the Japan Export Administration Regulations (“Foreign Exchange and Foreign Trade Law” and its related laws). To export this product and its accessories, take the required measures on your responsibility and at your expenses. For details on the procedures, contact the Ministry of Economy, Trade and Industry.

Intellectual Property Right

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  See http://www.mpegla.com.
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- The abbreviations of operating systems (Japanese versions) below are used in this manual.
  Windows 7 stands for Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise and Ultimate).

Windows Vista stands for Windows Vista® (Home Basic, Home Premium, Business, Enterprise and Ultimate).
Windows XP indicates the Microsoft® Windows® XP Professional operating system or Microsoft® Windows® XP Home Edition operating system.

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

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Unlocking SIM

This FOMA terminal supports SIM unlock. When the SIM is unlocked, other operator company’s SIM cards can be used with your FOMA terminal.

- Contact your nearest docomo Shop for unlocking SIM.
- You are charged separately a charge for unlocking SIM.
- If other operator company’s SIM is used, restrictions may be applied to some of the services or the functions. Note that NTT DOCOMO, INC. cannot provide any guarantees for operating the FOMA terminal when using other company’s card.
- For further details on the SIM unlock, refer to the DOCOMO website.

Index

Access the following for checking or changing the contents of your contract, or for applying to respective services, and asking for related documents:

From i-mode	i Menu ▶ お客様サポート (User support) ▶ お申込·お手続き (Applications/Procedures) ▶ 各種お申込·お手続き (Respective applications/procedures) Packet communication charges free
From PC	My docomo (http://www.mydocomo.com/) ▶ 各種お申込·お手続き

- "お客様サポート (User support)" and My docomo are available in Japanese only.
- You will need your "Network Security Code" for the access from i-mode.
- No packet communication charges are incurred for the access from i-mode. Accessing from overseas will incur charges.
- You will need your "docomo ID/password" for the access from a PC.
- If you do not have or you have forgotten your "Network Security Code" or "docomo ID/password", contact "General Inquiries" listed on the back page of this manual.
- You may not be able to access the site depending on the details of your subscription.
- You may not be able to access the site due 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.

In the following cases, be certain to turn off the power.

■Where use is prohibited

- Be sure to turn off the power of your mobile phone in airplanes, in hospitals and around priority seat in a train, etc.

In the following cases, be certain to set Public mode.

■While driving

- Using the mobile phone in your hand while driving is subject to punishment. This does not apply in unavoidable circumstances when, for instance, responding to someone who is sick, injured or when maintaining public order.

■When in theaters, movie theaters, museums, and similar venues

Respect the privacy.

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

An Environment Protection Program by DOCOMO

Simplified Version of the Manual

We have edited the traditional instruction manual to simplify the descriptions of basic operational procedures for respective functions. As a result, we have succeeded to reduce the consumption of paper used.

For the functions frequently used and more detailed descriptions, you can refer to "使いかたガイド (Guide)" (in Japanese only) that comes with the FOMA terminal and the DOCOMO website.

Collection and Recycling of Mobile Phones

モバイル·リサイクル·ネットワーク
携帯電話·PHSのリサイクルにご協力を。

We collect mobile phones and related equipment that you no longer need even if it is not docomo product. Please bring them to your local docomo Shop.

*Acceptable Products: Mobile phones, PHS terminals, battery chargers, and desktop holders (regardless of the provider)

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 at **-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 P-01E, 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 at.

※ For international call access codes for major countries and universal number international prefix, refer to the 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 at **-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 P-01E, 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 at.

※ For international call access codes for major countries and universal number international prefix, refer to the 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.

General Inquiries
<docomo Information Center>

0120-005-250 (toll free)

* Service available in English, Portuguese, Chinese, Spanish, and 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 **ｉ Menu ▶ お客様サポート (User support) ▶ ドコモショップ (docomo Shop)** (In Japanese only)

Don’t forget your mobile phone ... or your manners!

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

Sales: NTT DOCOMO, INC.
Manufacturer: Panasonic Mobile Communications Co., Ltd.

Li-ion 00

October ’12 (1st Edition)
3TR100569AAA
F0912-1

P-01E

Manual for PC Connection

About Manual for PC Connection

This manual gives you the explanations of details required for having data communication with your P-01E, and installing “FOMA communication configuration file”/“DOCOMO Connection Manager” on your personal computer assuming that you are using the one that comes with Windows 7.
Some procedures and displays may differ depending on your operating environment.

Data Communication Available from FOMA Terminal

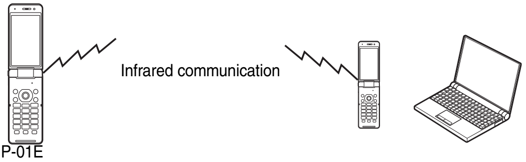
The data communication services you can use by connecting the FOMA terminal to a personal computer are classified as data transfer (OBEX™ communication), packet communication, and 64K data communication. The FOMA terminal is equipped with the adapter function for packet communication.

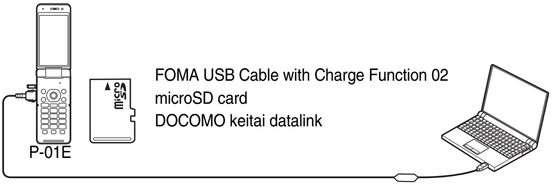
- To perform the packet communication overseas, perform it via the IP connection. (You cannot perform the packet communication via the PPP connection.)
- 64K data communication is not available overseas.

Data Transfer (OBEX™ Communication)

You can exchange data files such as images, melody files, Phonebook entries and mail messages with another FOMA terminal or a personal computer.

- The data files you can exchange vary depending on the transfer methods. For details, confirm each transfer method.





Packet Communication

This communication system requires a communication fee according to the amount of data you sent and received. (Best effort system with 7.2 Mbps of maximum download speed and 2.0 Mbps of maximum upload speed)※ It uses an access point which supports FOMA packet communication such as DOCOMO Internet access service "mopera U".

Packet communication is available by configuring various settings after connecting the FOMA terminal to a personal computer via the FOMA USB Cable with Charge Function 02 (option), and is suitable for using applications which require the high-speed communication.

To carry out the settings and connection, see page 4 and after.

※The maximum speed is based on the technical specification. The actual communication speed varies depending on the network congestion state and the communication environment. The communication speed might be lowered when you connect the FOMA terminal to an access point which does not support HIGH-SPEED or the terminal is outside the FOMA High-Speed Area, or when you use the device which does not support High-Speed.

- The packet communication is charged according to the amount of data you sent and received. Note that you are charged a high communication fee for the massive data communication such as browsing Internet websites having many images or downloading data files.

64K Data Communication

This communication system requires a communication fee according to the duration of connection. By connecting the FOMA terminal to a personal computer via the FOMA USB Cable with Charge Function 02 (option), you can execute communication.

It uses an access point which supports FOMA 64K data communication such as DOCOMO Internet access service "mopera U", or an ISDN-synchronous 64K access point. To carry out the settings and connection, see page 4 and after.

- The 64K data communication is charged according to the duration of connection. Note that a communication fee becomes expensive if you use this service for a long time.

Information

- The FOMA terminal does not support Remote Wakeup.
- The FOMA terminal does not support the FAX communication.

Before Using Data Communication

Charge of Internet service provider

To use the Internet, you need to pay the charge for the Internet service provider you use. Besides the FOMA service fee, you need to directly pay this charge to the Internet service provider. For details on the charge, contact the Internet service provider you use.
You can use the DOCOMO Internet access service, “mopera U”. To use “mopera U”, subscription (charged) is required.

Setting access point (Internet service provider, etc.)

The access points for the packet communication and 64K data communication differ. To use the packet communication, connect to an access point which supports packet communication. To use the 64K data communication, connect to an access point which supports FOMA 64K data communication or ISDN-synchronous 64K.

About user authentication for accessing network

User authentication (ID and password) may be required at connection to some access points. In that case, enter your ID and password on the communication software (dial-up network). ID and password are specified by the Internet service provider or network administrator of the access point. For details, contact the provider or network administrator.

Conditions of packet communication and 64K data communication

To carry out the communication using the FOMA terminal in Japan, the following conditions are required:

- The personal computer to be used can use the FOMA USB Cable with Charge Function 02 (option).
- The PDA to be used should support FOMA packet communication and 64K data communication.
- Within the FOMA service area
- For packet communication, the access point should support packet communication of the FOMA.
- For 64K data communication, the access point should support the FOMA 64K data communication or ISDN-synchronous 64K.

Even when these conditions are satisfied, if the base station is congested or the radio wave conditions are bad, you may not carry out the communication.

Operating Environment

For the data communication, the following operating environment is required for your personal computer:

Item	Necessary Environment
PC main unit	PC/AT compatible model When using the FOMA USB Cable with Charge Function 02 (option): USB port (Universal Serial Bus Specification Rev1.1/2.0 compliant) Display resolution 800 x 600 dots, high color 16 bits or more recommended. ●For DOCOMO Connection Manager, display resolution 1024 x 600 dots or more (1024 x 768 dots or more recommended)
OS	Windows 7 32-bit version/64-bit version (Japanese version) ●For DOCOMO Connection Manager, Windows 7 (including SP1) Windows Vista 32-bit version/64-bit version (Japanese version) ●For DOCOMO Connection Manager, Windows Vista SP2 only Windows XP 32-bit version (Japanese version) ●For DOCOMO Connection Manager, Windows XP SP3 only
Memory requirements	Windows 7 32-bit version: 1 Gbyte or more Windows 7 64-bit version: 2 Gbytes or more Windows Vista: 512 Mbytes or more Windows XP: 128 Mbytes or more (Japanese version in each)
Hard disk space size	Unused memory space of 5 Mbytes or more ●Unused memory space of 10 Mbytes or more for DOCOMO Connection Manager

●The following operating environment is required for DOCOMO Connection Manager:
Web-browsing software: Internet Explorer 6.0 or later
E-mail software: Windows Mail or Outlook Express 6.0

●For the latest information about the operating environment, refer to the DOCOMO website.

●The operation in the added/changed operating environment and on the upgraded OS is not guaranteed.

●The memory requirements and hard disk space size may vary depending on the system environment.

Necessary Devices

The following hardware and software are required besides the FOMA terminal and personal computer:

- **FOMA USB Cable with Charge Function 02 (option) or FOMA USB Cable (option)**
- **"FOMA communication configuration file" (driver)※**

※Download the FOMA communication configuration file from the DOCOMO website.

Information

- Use a dedicated FOMA USB Cable with Charge Function 02 or FOMA USB Cable. The USB cable for personal computers cannot be used because the shape of the connector differs.
- If you use a USB hub, the devices may not work correctly.

Setup Flow for Data Transfer (OBEX™ Communication)

When you use the FOMA USB Cable with Charge Function 02 (option), install the FOMA communication configuration file.

Install the "FOMA communication configuration file" (driver). (See page 6)

- Download the FOMA communication configuration file from the DOCOMO website and install.

Data transfer

Setup Flow for Data Communication

The following outline shows a setup flow for packet communication or 64K data communication.

Install the "FOMA communication configuration file" (driver). (P.6)

- Download the FOMA communication configuration file from the DOCOMO website and install.

Connect a personal computer to the FOMA terminal using the FOMA USB Cable with Charge Function 02 (option).

Check the setting after installation. (P.7)

Download "DOCOMO Connection Manager" from the DOCOMO website and install. (P.11)

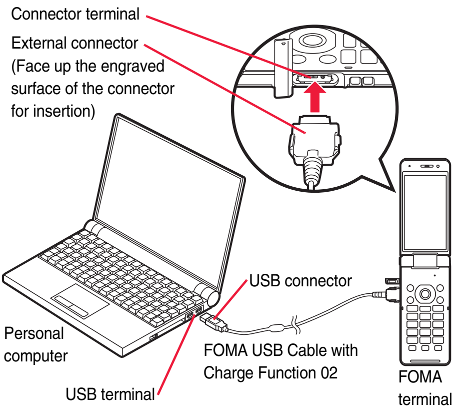
Carry out the setting manually without using "DOCOMO Connection Manager". (P.16, P.33)

Connect. (P.15, P.30)

Connecting PC and the FOMA Terminal

The following steps explain how to connect the FOMA USB Cable with Charge Function 02 (option).

1 Check the direction of the connector terminal of the FOMA terminal, then straight insert the external connector of the FOMA USB Cable with Charge Function 02 until it clicks.


Connector terminal
External connector
(Face up the engraved surface of the connector for insertion)
USB connector
Personal computer
FOMA USB Cable with Charge Function 02
USB terminal
FOMA terminal

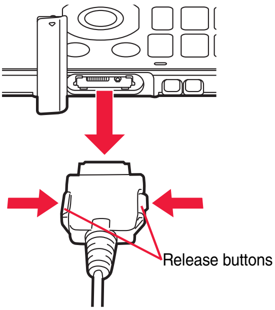
2 Connect the USB connector of the FOMA USB Cable with Charge Function 02 to the USB terminal of the personal computer.

Information

- Set “USB mode” to “Communication mode” for data communication.
  Operate “ﾒﾆｭｰ▶Setting▶External connection▶USB mode▶Communication mode”.
- Do not forcibly insert the FOMA USB Cable with Charge Function 02. Malfunction may result. Insert each connector in the correct direction at the correct angle; otherwise, you will fail connection. When the direction and angle are correct, you can insert a connector smoothly without the strong force. If you fail to insert a connector, check its shape and direction once more without inserting a connector forcibly.
- Use a dedicated FOMA USB Cable with Charge Function 02. (The USB cable for personal computers cannot be used because the shape of the connector differs.)
- Symbol “🔌” appears on the FOMA terminal when the FOMA terminal recognizes the connection with the personal computer after you install the FOMA communication configuration file (driver) for packet communication or 64K data communication. Before you install the FOMA communication configuration file (driver), the FOMA terminal does not recognize the connection with the personal computer, and symbol “🔌” does not appear.

■Removing

1. **While holding down the release buttons of the external connector of the FOMA USB Cable with Charge Function 02, straight pull out the connector.**
2. **Pull out the FOMA USB Cable with Charge Function 02 from the USB terminal of the personal computer.**



Information

- Do not disconnect the FOMA USB Cable with Charge Function 02 forcibly. Malfunction may result.
- Do not disconnect the FOMA USB Cable with Charge Function 02 during data communication. Erroneous operation or malfunction of the personal computer or FOMA terminal, or loss of data could result.
- Do not connect/disconnect the FOMA USB Cable with Charge Function 02 in succession. Once you connect the cable, wait for a while, then disconnect it and vice versa.

Installing FOMA Communication Configuration File (Driver)

Installing the FOMA communication configuration file (driver) is required when you connect the FOMA terminal to your personal computer via the FOMA USB Cable with Charge Function 02 (option) for the first time.

- **Operate as the user who has the PC administrator right.**
- **End all the programs resident on your personal computer before installing the FOMA communication configuration file (driver).**

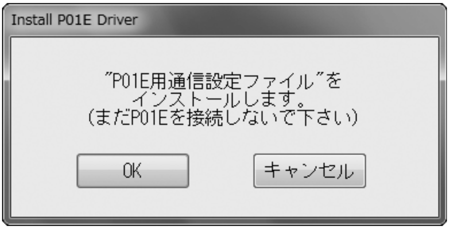
1 Download the FOMA communication configuration file (driver) from the DOCOMO website.

2 Double-click “exe” file of the downloaded FOMA communication configuration file (driver) to execute. Decompress it into the desired folder.

3 Double-click “P01E_ins.exe” in the decompressed folder, and click “はい (Yes)”.

- For Windows Vista, click “続行 (Continue)” instead of “はい (Yes)”.
- For Windows XP, the user account control display does not appear.

4 Click “OK”.



”P01E用通信設定ファイル”を
インストールします。
（まだP01Eを接続しないで下さい）

5 Turn on the FOMA terminal’s power, then connect the FOMA terminal to the personal computer using the FOMA USB Cable with Charge Function 02. (See page 5)

Installation starts.

6 Click “OK”.

After the installation of all the “FOMA communication configuration files” (driver) is completed, a pop-up message “デバイスを使用する準備ができました デバイス ドライバー ソフトウェアが正しくインストールされました。(The system is ready to use the device. The device driver software was installed correctly.)” appears for a few seconds from the indicator on the task bar.

Confirm Installed FOMA Communication Configuration File (Driver)

Confirm that the “FOMA communication configuration file” (driver) is installed correctly.

For Windows 7

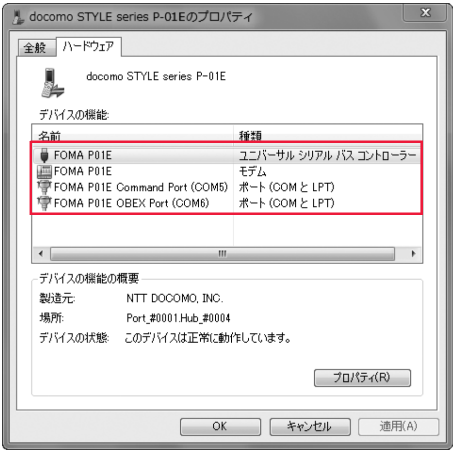
1 **“ [スタート (Start)]”**
▶Open “デバイスとプリンター (Devices and printers)”.

2 **Open “docomo STYLE series P-01E”**
▶Click the “ハードウェア (Hardware)” tab.

3 **Confirm the installed driver names.**

Confirm that all driver names are displayed.

- The COM port number varies depending on the personal computer you use.



docomo STYLE series P-01E

デバイスの機能:

名前	種類
FOMA P01E	ユニバーサル シリアル バス コントローラー
FOMA P01E	モデム
FOMA P01E Command Port (COM5)	ポート (COM と LPT)
FOMA P01E OBEX Port (COM6)	ポート (COM と LPT)

デバイスの機能の概要

製造元: NTT DOCOMO, INC.

場所: Port_#0001.Hub_#0004

デバイスの状態: このデバイスは正常に動作しています。

For Windows Vista, Windows XP

1 **“ [スタート (Start)]”▶Open “コントロールパネル (Control panel)”**
▶Open “システムとメンテナンス (System and maintenance)”.

<For Windows XP>
“スタート (Start)”→Open “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)”→Open “システム (System)”.

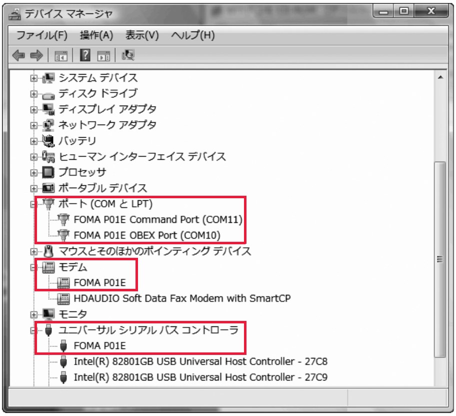
2 **Open “ハードウェアとデバイスを表示 (Show hardwares and devices)”**
▶Click “続行 (Continue)”.

<For Windows XP>
Click the “ハードウェア (Hardware)” tab→ Click “デバイスマネージャ (Device manager)”.

3 Click each device, then confirm the installed FOMA communication configuration file (driver) names.

Confirm that all FOMA communication configuration file (driver) names are displayed under “ポート (COMとLPT) [Port (COM/LPT)]”, “モデム (Modem)”, and “ユニバーサル シリアル バス コントローラ (Universal serial bus controller)”.

- ●The COM port number varies depending on your personal computer.


デバイス マネージャ
ファイル(F)
操作(A)
表示(V)
ヘルプ(H)
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
ネットワーク アダプタ
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 P01E Command Port (COM11)
FOMA P01E OBEX Port (COM10)
マウスとそのほかのポインティング デバイス
モデム
FOMA P01E
HDAUDIO Soft Data Fax Modem with SmartCP
モニタ
ユニバーサル シリアル バス コントローラ
FOMA P01E
Intel(R) 82801GB USB Universal Host Controller - 27C8
Intel(R) 82801GB USB Universal Host Controller - 27C9

The following drivers are installed by installation of the “FOMA communication configuration file” (driver):

Device name	FOMA communication configuration file (driver) name
ポート (COMとLPT) [Port (COM/LPT)]	· FOMA P01E Command Port · FOMA P01E OBEX Port
モデム (Modem)	· FOMA P01E
<For Windows 7> ユニバーサル シリアル バス コントローラー (Universal serial bus controller) <For Windows Vista> ユニバーサル シリアル バス コントローラ (Universal serial bus controller) <For Windows XP> USB (Universal Serial Bus) コントローラ [USB (Universal Serial Bus) controller]	· FOMA P01E

Uninstall FOMA Communication Configuration File (Driver)

When uninstalling the “FOMA communication configuration file” (driver) is necessary (such as when upgrading the version), perform the operation below.

- **Operate as the user who has the PC administrator right.**

1. **If the FOMA terminal is connected to a personal computer via the FOMA USB Cable with Charge Function 02 (option), disconnect the FOMA USB Cable with Charge Function 02.**

2. **“ [スタート (Start)]”▶Open “コントロールパネル (Control panel)” ▶Open “プログラムのアンインストール (Uninstall programs)”.**

   <For Windows XP>
   “スタート (Start)”→Open “コントロールパネル (Control panel)”→Open “プログラムの追加と削除 (Add and delete programs)”.

3. **Select “FOMA P01E USB Driver” and click “アンインストールと変更 (Uninstall and change)”.**

   <For Windows Vista>
   When the user account control display appears after step 3, click “続行 (Continue)”.
   <For Windows XP>
   Select “FOMA P01E USB Driver” and click “変更と削除 (Change and delete)”.

4. **Click “OK”.**

5. **Click “はい (Yes)” to restart Windows.**

   The uninstallation is then completed.
   - If you click “いいえ (No)”, restart Windows manually.

Information

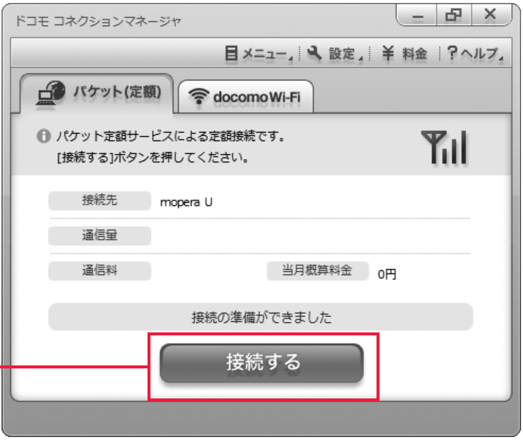
- If you remove the FOMA USB Cable with Charge Function 02 from the personal computer or click the “キャンセル (Cancel)” button to stop installation while installing the “FOMA communication configuration file” (driver), the “FOMA communication configuration file” (driver) may not be installed correctly. In that case, execute “P01E_un.exe” in the folder decompressed in step 2 on page 6 to delete the “FOMA communication configuration file” (driver), and then install the files again.

DOCOMO Connection Manager

DOCOMO Connection Manager is a convenient software program to perform flat-rate data communication and volume charging data communication. It enables you to sign up for “mopera U” and easily make PC settings according to your contract situation. It also enables you to check the estimate data traffic and usage amount with the charge counter function.

This manual explains how to install “DOCOMO Connection Manager”.

※ To access the Internet by using a terminal, you need to apply for the flat-rate data plan or the FOMA service and contract with a Internet service provider (such as “mopera U”) which supports data communication.
For details, refer to the DOCOMO website.



パケット定額サービスによる定額接続です。
[接続する]ボタンを押してください。

接続先 mopera U

通信量

通信料

当月概算料金 0円

接続の準備ができました

Connect/Disconnect button

■When Using Volume Charging Data Communication

Note that a communication fee might become expensive when you transfer a large amount of data such as by browsing websites having many images, or by downloading data (such as application, music/movie data, updating of OS/Anti-virus software). When you perform data communication by connecting the FOMA terminal to your personal computer via the USB cable, note that the communication is not covered by the flat-rate service of “Pake-hodai” and “Pake-hodai full”.

Before Installing DOCOMO Connection Manager

Preparation for Installation

STEP ❶ **Prepare the FOMA terminal and the FOMA USB Cable with Charge Function 02 (option).**

STEP ❷ **Check the billing plan or the discount service and the contract contents with Internet service provider.**

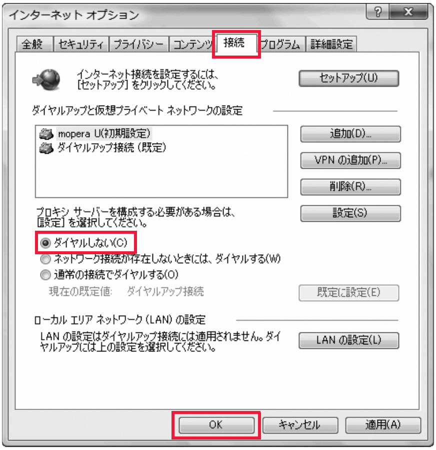
STEP ❸ **When a connection software program other than “DOCOMO Connection Manager” is installed, set it not to start automatically.**

- See page 12 for using communication software other than “DOCOMO Connection Manager”.

About Internet Explorer Settings

Before using this software program, make the setting on the “接続 (Connection)” tab of “インターネットオプション (Internet option)” of Internet Explorer to “ダイヤルしない (Not to dial)”.

1 **Start Internet Explorer, and select “ツール (Tool)” → “インターネットオプション (Internet option)”.**



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

mopera U(初期設定)
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。

2 **Select the “接続 (Connection)” tab and select “ダイヤルしない (Not to dial)”.**

3 **Click “OK”.**

Log on as a DOCOMO Connection Manager User

When installing DOCOMO Connection Manager, be sure to do so from a user account that has computer administrator permissions. Installing from another account might result in an error.

<For Windows 7 and Windows Vista>

An administrator account is required. If you are logged onto a non-administrator account, a window prompting you to enter an administrator user name and password appears during installation.

<For Windows XP>

Log on as a user that is a member of the Administrators group or is a computer administrator.

Quit All Open Applications

When installing DOCOMO Connection Manager, quit all resident programs in Windows, including antivirus software.
(Example) Right-click the icon appears on the task tray, and select “閉じる (Close)” or “終了 (Quit)”.

Information

<Use of connection software other than “DOCOMO Connection Manager”>

- You do not simultaneously need following software programs as this software program includes the functions equivalent to them. Uninstall or set them not to start depending on your needs.
  ※Software programs you do not need to use simultaneously
  ・mopera Uかんたんスタート (mopera U start up tool)
  ・Uかんたん接続設定ソフト (mopera U connection & setting tool)
  ・FOMA PC設定ソフト (FOMA PC configuration software)
  ・FOMAバイトカウンタ (FOMA byte counter)
  When you use “docomo Wi-Fi” with this software program, uninstall the following public wireless LAN connection software programs.
  ※You cannot use “docomo Wi-Fi” when they are simultaneously installed:
  ・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

To connect the FOMA terminal to a personal computer and perform the packet communication or 64K data communication, you need to configure various settings related to the communication.
Using “DOCOMO Connection Manager”, you can easily set up dial-up, communication setup optimization, and access point name (APN).

1 Access the Web page of DOCOMO Connection Manager on the DOCOMO website.

http://www.nttdocomo.co.jp/support/utilization/application/service/connection_manager/ (In Japanese only)

2 Select “ドコモ コネクションマネージャ (Windows®)へ [To DOCOMO Connection Manager (for Windows®)]”.

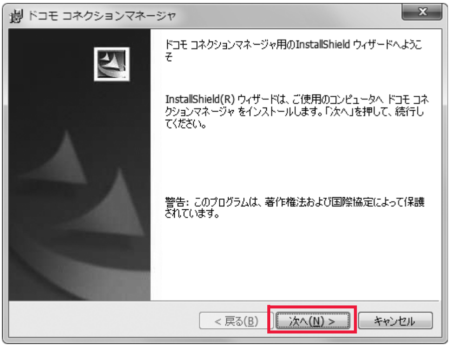
3 Select “ドコモ コネクションマネージャ (Windows®用) ダウンロードへ [Download DOCOMO Connection Manager (for Windows®)]”.

4 Confirm the licensing contract contents. If you agree with the contents, select “同意する (Agree)” to download.

5 Double-click downloaded “dcm_connect_mng_setup.exe” to execute, and click “はい (Yes)”.

- For Windows Vista, you click “続行 (Continue)” instead of “はい (Yes)”.
- For Windows XP, the user account control display does not appear.

6 Click “次へ (Next)”.

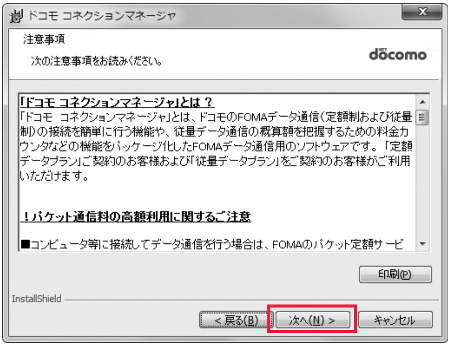


ドコモ コネクションマネージャ用のInstallShield ウィザードへようこそ

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。

7 Confirm the display precautions and click “次へ (Next)”.



注意事項

次の注意事項をお読みください。

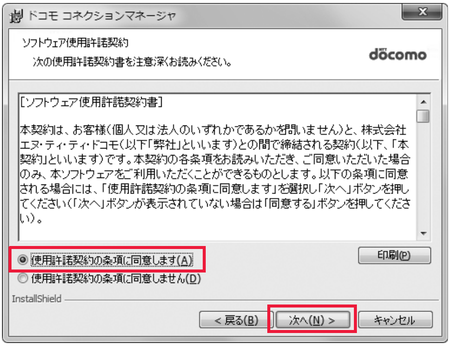
「ドコモ コネクションマネージャ」とは？

「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

8 Confirm the licensing contract contents. If you agree with the contents, select “使用許諾契約の条項に同意します (Agree with the licensing contract contents)” and click “次へ (Next)”.



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。

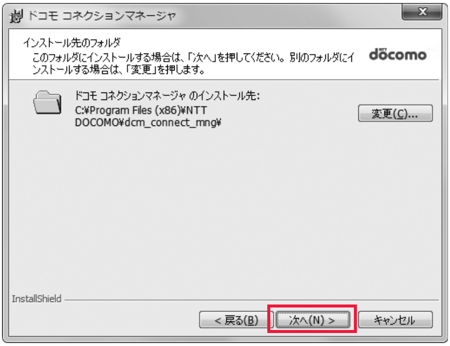
[ソフトウェア使用許諾契約書]

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)

9 Confirm the installation destination folder, then click “次へ (Next)”.



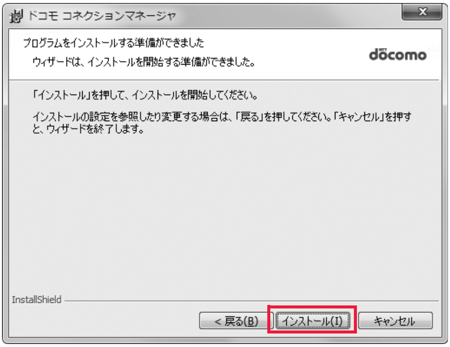
インストール先のフォルダ

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 (x86)¥NTT DOCOMO¥dcm_connect_mng¥

10 Click “インストール (Install)”.

Installation starts.



プログラムをインストールする準備ができました

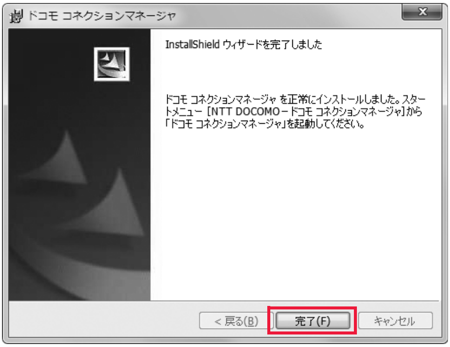
ウィザードは、インストールを開始する準備ができました。

「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。

11 Click “完了 (Finish)”.

Installation 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。

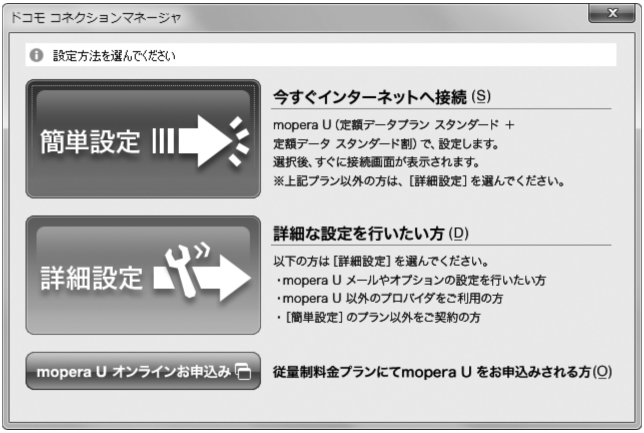
Starting DOCOMO Connection Manager

1 **“ [スタート (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)”

“DOCOMO Connection Manager” starts.

2 **When this is the first start-up, the setting wizard appears automatically.**

Hereafter, proceed operation/settings following the instruction of software to complete the preparation to access the Internet.
For details, refer to Help for DOCOMO Connection Manager.



設定方法を選んでください

今すぐインターネットへ接続 (S)

mopera U (定額データプラン スタンダード ＋
定額データ スタンダード割) で、設定します。
選択後、すぐに接続画面が表示されます。
※上記プラン以外の方は、[詳細設定] を選んでください。

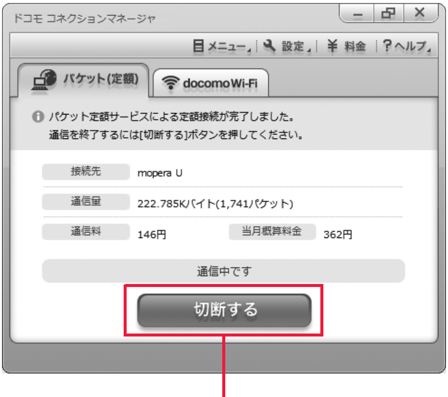
詳細な設定を行いたい方 (D)

以下の方は [詳細設定] を選んでください。
・mopera U メールやオプションの設定を行いたい方
・mopera U 以外のプロバイダをご利用の方
・[簡単設定] のプラン以外をご契約の方

従量制料金プランにてmopera U をお申込みされる方(O)

■**When you disconnect the communication line**

You cannot disconnect the communication line only by exiting a browser software or e-mail software.
When you do not use the communication line, be sure to click “切断する (Disconnect)” to disconnect the communication line.
When you have set the auto-update for OS and others, note that you may be charged a high packet communication fee for when they are automatically updated.



パケット定額サービスによる定額接続が完了しました。
通信を終了するには[切断する]ボタンを押してください。

接続先 mopera U

通信量 222.785Kバイト(1,741パケット)

通信料 146円 当月概算料金 362円

通信中です

Connect/Disconnect button

Setting Dial-up Network

Set Packet Communication

This section explains how to set up a connection for packet communication without using “DOCOMO Connection Manager”.

The packet communication uses AT commands to carry out the settings from a personal computer. To specify settings, communication software to enter AT command is required. “Hyper Terminal”, which is attached to Windows as the standard software, is used here for explanation.

When using DOCOMO Internet access service “mopera U”, you do not need to set an access point name (APN) (see page 19).

You can set “caller ID notified/not notified” (see page 22) as required. (You need to set “caller ID notified” when using “mopera U”.)

- Windows 7 and Windows Vista do not support “Hyper Terminal”. For these operating systems, use a software program which supports Windows 7 or Windows Vista for setting up the connection. (Follow the settings of the software program used.)

<Packet communication setting flow using AT commands>

Confirm the COM port number (See page 17)

▼

Start the communication software that enables the entry of AT commands (See step 3 on page 19)

▼

Set an access point name (APN) (See step 7 on page 20)

▼

Set “caller ID notified/not notified” (See step 2 on page 22)

▼

Set others (See page 34)

▼

Exit the communication software (See step 9 on page 21)

■AT commands

- The AT commands are used to control a modem. The FOMA terminal, which conforms to the AT commands, supports some extended commands and unique AT commands.
- By entering AT commands, you can carry out detailed setting for packet communication and FOMA terminal, and confirm (display) the setting contents.
- If the entered AT command is not displayed, enter “ATE1 ⏎”.

Confirm COM Port Number

To manually carry out the communication setting, you need to specify a COM port number, which is assigned to “FOMA P01E” (modem) embedded after you install the “FOMA communication configuration file” (driver). The confirmation method varies depending on the operating system of your personal computer.

- **When using DOCOMO Internet access service “mopera U”, you do not need to set an access point name (APN); therefore, you do not need to confirm the modem.**

For Windows 7

1 **“ [スタート (Start)]”▶Open “コントロールパネル (Control panel)”.**

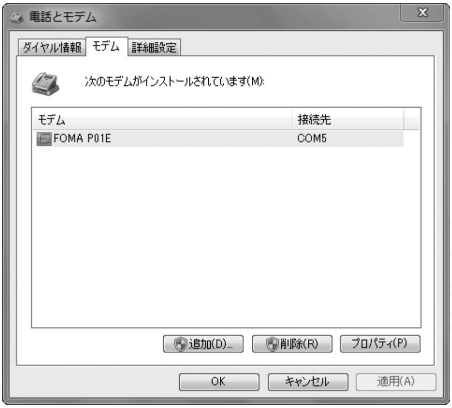
- The “表示方法 (Display method)” changes to “大きいアイコン (Large icon)” or “小さいアイコン (Small icon)” for “カテゴリ (Category)”.

2 **Open “電話とモデム (Phone and modem)”.**

3 **If the “所在地情報 (Address information)” display appears, enter “市外局番/エリアコード (City code/Area code)”, then click “OK”.**

4 **Open the “モデム (Modem)” tab, confirm the COM port number in the “接続先 (Access point)” field of “FOMA P01E”, then click “OK”.**

- The COM port number you confirmed is used to set an access point name (APN) (see page 19).
- The contents on the property display and COM port number vary depending on your personal computer.



次のモデムがインストールされています(M):

モデム	接続先
FOMA P01E	COM5

For Windows Vista

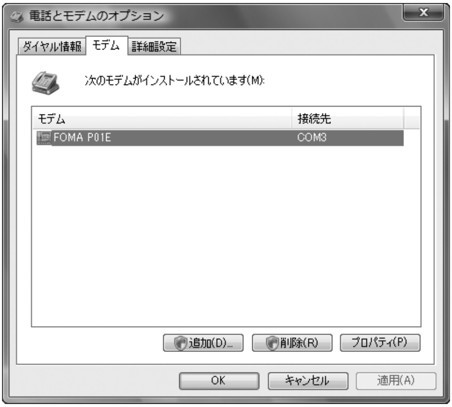
1 **“ [スタート (Start)]”▶Open “コントロールパネル (Control panel)”.**

2 **From “ハードウェアとサウンド (Hardware and sound)” in “コントロールパネル (Control panel)”, open “電話とモデムのオプション (Phone and modem options)”.**

3 **If the “所在地情報 (Address information)” display appears, enter “市外局番/エリアコード (City code/Area code)”, then click “OK”.**

4 Open the “モデム (Modem)” tab, confirm the COM port number in the “接続先 (Access point)” field of “FOMA P01E”, then click “OK”.

- The COM port number you confirmed is used to set an access point name (APN) (see page 19).
- The contents on the property display and COM port number vary depending on your personal computer.



次のモデムがインストールされています(M):

モデム	接続先
FOMA P01E	COM3

For Windows XP

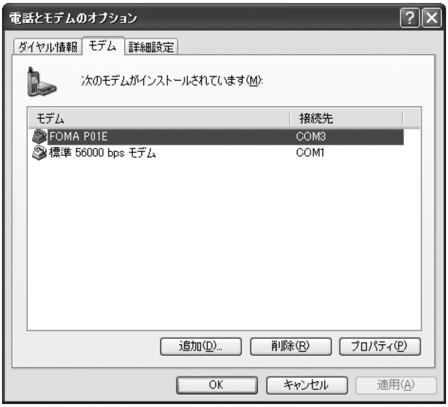
1 “スタート (Start)” ▶Open “コントロールパネル (Control panel)”.

2 From “プリンタとその他のハードウェア (Printer and the other hardware)” in “コントロールパネル (Control panel)”, open “電話とモデムのオプション (Phone and modem options)”.

3 If the “所在地情報 (Address information)” display appears, enter “市外局番/エリアコード (City code/Area code)”, then click “OK”.

4 Open the “モデム (Modem)” tab, confirm the COM port number in the “接続先 (Access point)” field of “FOMA P01E”, then click “OK”.

- The COM port number you confirmed is used to set an access point name (APN) (see page 19).
- The contents on the property display and COM port number vary depending on your personal computer.



次のモデムがインストールされています(M):

モデム	接続先
FOMA P01E	COM3
標準 56000 bps モデム	COM1

Set an Access Point Name (APN)

This section explains how to set an access point name (APN) for packet communication. You can register up to 10 access point names (APNs), which are managed with cid1 to cid10 (see page 21).
When using “mopera U”, you do not need to set the access point name (APN).
The explained here is an example when you use “XXX.abc” as the access point name (APN) and use the FOMA USB Cable with Charge Function 02 (option). For the actual access point name (APN), contact your Internet service provider or network administrator.
The setting here will be the access point number for dial-up network setting (see page 23).

For Windows XP

1. **Connect the FOMA USB Cable with Charge Function 02 to the FOMA terminal.**

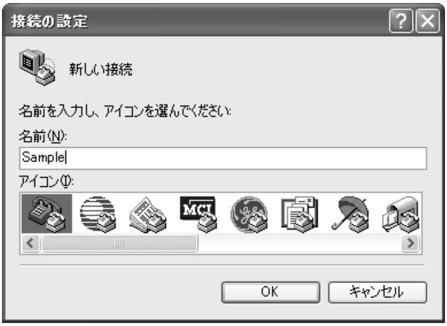
2. **Turn the power to the FOMA terminal on, then connect the FOMA USB Cable with Charge Function 02 connected to the FOMA terminal to the personal computer.**

3. **Start Hyper Terminal.**

   “スタート (Start)”→“すべてのプログラム (All programs)”→“アクセサリ (Accessories)”→“通信 (Communications)”→Open “ハイパーターミナル (Hyper Terminal)”.
   After starting Hyper Terminal, when the message “『既定のTelnet』プログラムにしますか? (Select the specified Telnet program?)” is displayed, set as desired. Contact the maker of your personal computer and Microsoft Corporation for the setting contents.

4. **Enter any name in the “名前 (Name)” field, then click “OK”.**

   Here, “Sample” is entered as an example.



接続の設定

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): Sample

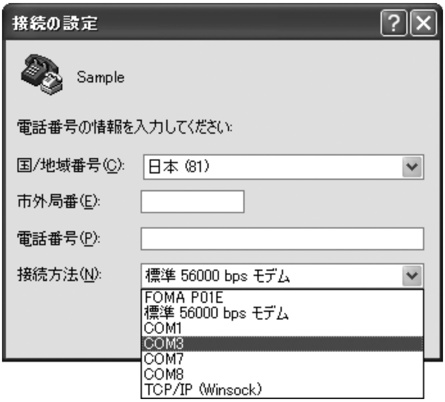
5 Select a connection method.

<When you can select the COM port number of “FOMA P01E”>

Select the COM port number with which you install the “FOMA P01E” in the “接続方法 (Connection method)” field, then click “OK”.

Then, go to step 6.

- Here, “COM3” is selected as an example. See page 17 for the COM port number of “FOMA P01E” you should actually select in the “接続方法 (Connection method)” field.



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):

電話番号(P):

接続方法(N): 標準 56000 bps モデム

FOMA P01E
標準 56000 bps モデム
COM1
COM3
COM7
COM8
TCP/IP (Winsock)

<When you cannot select the COM port number of “FOMA P01E”>

Click “キャンセル (Cancel)” to close the “接続の設定 (Set a connection)” display, then perform the following operations:

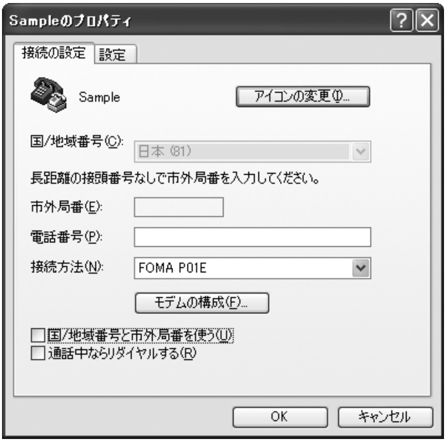
(1)“ファイル (File)” menu→Select “プロパティ (Properties)”.

(2) Select “FOMA P01E” in the “接続方法 (Connection method)” field of the “接続の設定 (Set a connection)” tab on the “Sampleのプロパティ (Sample properties)” display.

(3) Uncheck “国/地域番号と市外局番を使う (Use country/region code and city code)”.

(4) Click “OK”.

Then, go to step 7.



国/地域番号(C): 日本 (81)

長距離の接頭番号なしで市外局番を入力してください。

市外局番(E):

電話番号(P):

接続方法(N): FOMA P01E

□ 国/地域番号と市外局番を使う(U)

□ 通話中ならリダイヤルする(R)

6 The properties of the COM port number appear on the display, then click “OK”.

- This display appears when you select a COM port number in step 5.

7 Set an access point name (APN).

Enter an access point name (APN) in the following format:

AT+CGDCONT = cid, "PDP_type", "APN"

cid: Enter any number from 2 or 5 through 10.

※If you have already specified cid, be careful that its contents are overwritten by the access point name you enter here.

"PDP_type": Enter "PPP" or "IP".

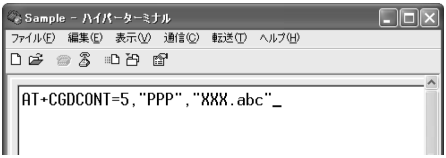
"APN": Enclose an access point name (APN) in double quotation marks (").

(Example:When specifying APN “XXX.abc” in cid5)

AT+CGDCONT=5,"PPP","XXX.abc"

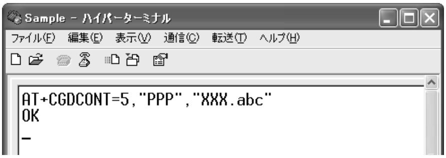
Enter this character string, then press ↵. If “OK” appears, the APN setting is completed.

- To confirm the current APN setting, enter “AT+CGDCONT? ↵”. The set APNs are listed on the display.



```
AT+CGDCONT=5,"PPP","XXX.abc"_
```

8 Confirm that “OK” appears on the display.


Sample - ハイパーターミナル
ファイル(F) 編集(E) 表示(V) 通信(C) 転送(T) ヘルプ(H)

```
AT+CGDCONT=5,"PPP","XXX.abc"
OK
_
```

9 “ファイル (File)” menu▶Select “ハイパーターミナルの終了 (Exit Hyper Terminal)” to exit Hyper Terminal.

- If the message “現在、接続されています。切断してもよろしいですか? (Currently connected. Do you want to disconnect this line?”) appears, select “はい (Yes)”.
- The message “セッションXXXを保存しますか? (Do you want to save session XXX?)” then appears. You do not need to especially save that session.

Information

- The access point name (APN) is information to be registered in the FOMA terminal, so if you connect another FOMA terminal, you need to register the access point name (APN) again.
- To continue using the access point name (APN) of the personal computer, register the same access point name (APN) for the same cid number in the FOMA terminal.
- If the entered AT command is not displayed, enter “ATE1↵”.

■cid (Registration number)

The FOMA terminal has registration numbers cid1 through cid10. cid1 and cid3 contain “mopera.net”, and cid4 contains “mpr.ex-pkt.net” as the default access point names (APN). To connect to a provider other than “mopera U”, the access point name (APN) must be set to the number from cid2 or cid5 to cid10 specified by the provider or network administrator.

Default cid contents

Registration No. (cid)	Access point name (APN)
1	mopera.net (PPP)
2	Not set
3	mopera.net (IP)
4	mpr.ex-pkt.net (PPP)
5 to 10	Not set

■“Phone number” for connecting to an access point name (APN) you register in cid

“＊99＊＊＊<cid No.>#”

(Example) When connecting to the access point name (APN) you register in cid5, enter the following:

＊99＊＊＊5#

■Resetting/Confirming the access point name (APN) settings

You can use AT commands to reset/confirm the access point name (APN) settings.

Resetting access point name (APN)

The access point names (APN) for cid1 and cid3 return to “mopera.net” (default), and the name for cid4 returns to “mpr.ex-pkt.net” (default). The settings for cid2 or cid5 through cid10 will be reset to the unregistered status if you proceed with resetting.

(Entry method)

AT+CGDCONT=↵ (When resetting all the cid contents)

AT+CGDCONT=<cid>↵ (When resetting only a specific cid)

Confirming access point name (APN)

The currently specified access point name appears on the display.

(Entry method)

AT+CGDCONT?↵

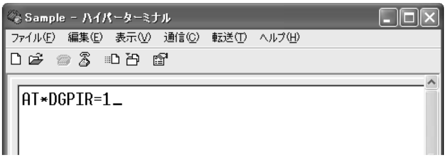
Set Caller ID Notified/Not Notified

For packet communication, you can specify whether to notify your caller ID (caller ID notified/not notified). The caller ID is your important information; so, take a great care to notify your caller ID. You can use AT commands (∗DGPIR command) to specify “caller ID notified/not notified” before dial-up connection.

1 Start the communication software such as “Hyper Terminal”.

- See page 19 for details on how to operate “Hyper Terminal”.

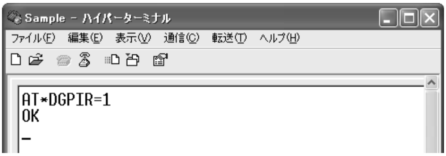
2 Use the ∗DGPIR command (see page 36) to specify “caller ID notified/not notified”.


Sample - ハイパーターミナル
ファイル(F) 編集(E) 表示(V) 通信(C) 転送(T) ヘルプ(H)

```
AT*DGPIR=1_
```

- To automatically add “184 (not notify)” for outgoing or incoming call, enter the following:
  AT∗DGPIR=1↵
- To automatically add “186 (notify)” for outgoing or incoming call, enter the following:
  AT∗DGPIR=2↵

3 Confirm that “OK” appears on the display.


Sample - ハイパーターミナル
ファイル(F) 編集(E) 表示(V) 通信(C) 転送(T) ヘルプ(H)

```
AT*DGPIR=1
OK
_
```

Information

- When using DOCOMO Internet access service “mopera U”, you need to set your caller ID to be “notified”.
- If the entered AT command is not displayed, enter “ATE1↵”.

■Specifying “caller ID notified/not notified” in dial-up network

Also by dial-up network setting (see page 23), you can add “186 (notify)” or “184 (not notify)” to each access point number.

When you specify “186 (notify)” or “184 (not notify)” using both the ∗DGPIR command and dial-up network setting, the caller ID is set as follows:

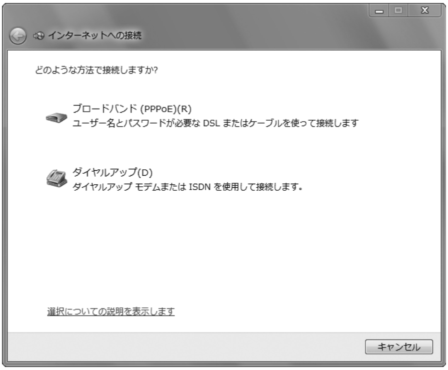
Dial-up network setting (cid = 3)	Caller ID notification setting by ∗DGPIR command	Notify/Not notify caller ID
∗99∗∗∗3#	Not set	Notify
	Not notify	Not notify
	Notify	Notify
184∗99∗∗∗3#	Not set	Not notify (“184” specified in the dial-up network has a priority)
	Not notify	
	Notify	
186∗99∗∗∗3#	Not set	Notify (“186” specified in the dial-up network has a priority)
	Not notify	
	Notify	

- To connect to “mopera U”, you need to notify your caller ID.

Set Dial-up Network for Windows 7

1 “ [スタート (Start)]”▶Open “コントロールパネル (Control panel)”▶“インターネットへの接続 (Connection to Internet)”▶Click “ダイヤルアップ接続 (Dial-up connection)”.

- After the access point has been set, the confirmation display appears asking whether the existing connection is to be used. In response, check “いいえ、新しい接続を作成します (No, I will create a new connection)”, then click “次へ (Next)”.



どのような方法で接続しますか?

ブロードバンド (PPPoE)(R)
ユーザー名とパスワードが必要な DSL またはケーブルを使って接続します

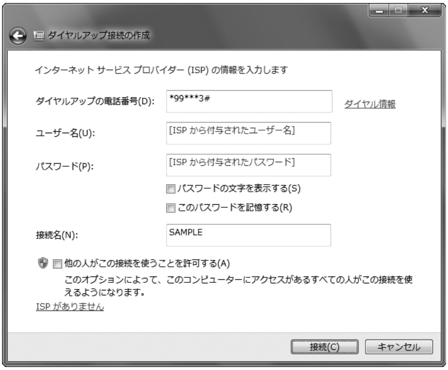
ダイヤルアップ(D)
ダイヤルアップ モデムまたは ISDN を使用して接続します。

2 If the display for selecting a modem appears, click “FOMA P01E”.

- The display for selecting a modem appears only when you have registered two or more modems.

3 Enter an access point number in the “ダイヤルアップの電話番号 (Phone number for dial-up)” field.

- When connecting to “mopera U”, enter “∗99∗∗∗3#” as the access point number.
  See page 21 for access point numbers other than “mopera U”.



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): SAMPLE
□ 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。

4 Enter the user name and password supplied from your Internet service provider or network administrator in the “ユーザー名 (User name)” and “パスワード (Password)” fields.

- When connecting to “mopera U”, you can leave the user name and password fields blank.

5 Enter any name in the “接続名 (Connection name)” field. Then click “接続 (Connect)”▶Click “スキップ (Skip)”.

- Here, “SAMPLE” is entered as an example.
- Only confirm the setting contents without connecting here.

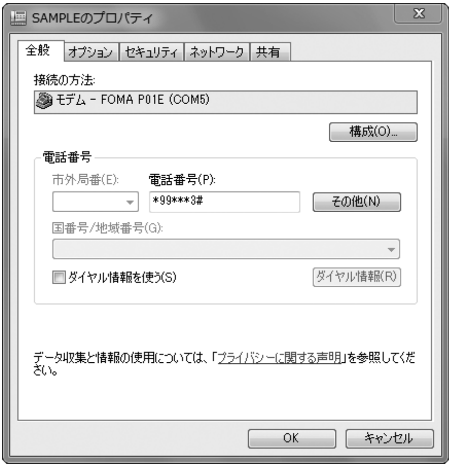
6 Click “閉じる (Close)”.

7 “ [スタート (Start)]”▶Open “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 (View network status and tasks)”▶Click “アダプターの設定の変更 (Change the adapter settings)”.

8 Highlight the access point which is finished with setting, and select “プロパティ (Property)” after the right click ▶Click the “全般 (General)” tab to confirm the setting contents.

When two or more modems are connected to your personal computer, confirm that “モデム (Modem) - FOMA P01E” is checked in the “接続の方法 (Connection method)” field. If it is not checked, check it. If two or more modems are checked, click the ⇧ button to position the priority level of “モデム (Modem) - FOMA P01E” to the top or uncheck modems other than “モデム (Modem) - FOMA P01E”.
When “ダイヤル情報を使う (Use dial information)” is checked, uncheck it.

- ●The COM port number allocated to “FOMA P01E” varies depending on your personal computer.
- ●When connecting to “mopera U”, enter “∗99∗∗∗3#” as the access point number.
  See page 21 for access point numbers other than “mopera U”.



SAMPLEのプロパティ

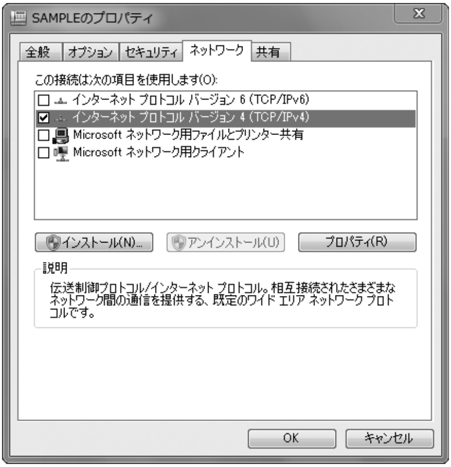
接続の方法:
モデム - FOMA P01E (COM5)

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。

9 Click the “ネットワーク (Network)” tab, then carry out respective settings.

In the “この接続は次の項目を使用します (Use the following items for this connection)” field, 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)]”.
Contact your ISP (Internet service provider) or network administrator for how to set up TCP/IP to connect to a general ISP and so on.



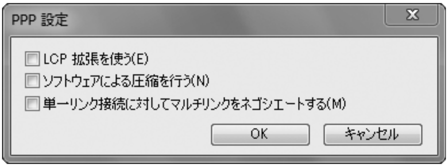
SAMPLEのプロパティ

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。

10 Click the “オプション (Option)” tab, then click “PPP設定 (PPP settings)”.

11 Uncheck all the items, then click “OK”.



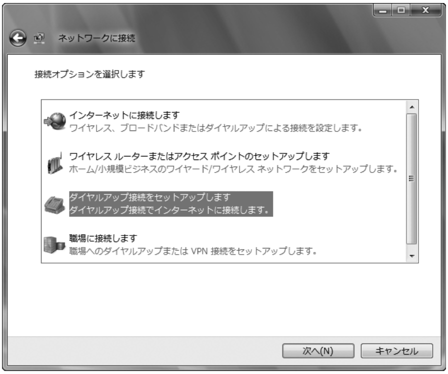
PPP 設定
☐ LCP 拡張を使う(E)
☐ ソフトウェアによる圧縮を行う(N)
☐ 単一リンク接続に対してマルチリンクをネゴシエートする(M)

12 Return to the display in step 9, then click “OK”.

Set Dial-up Network for Windows Vista

1 **“ [スタート (Start)]”▶“接続先 (Access point)”▶Click “接続またはネットワークをセットアップします (Setup the connection or network)”.**

2 **Select “ダイヤルアップ接続をセットアップします (Setup the dial-up connection)”, then 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。

ワイヤレス ルーターまたはアクセス ポイントのセットアップします
ホーム/小規模ビジネスのワイヤード/ワイヤレス ネットワーク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でインターネットに接続します。

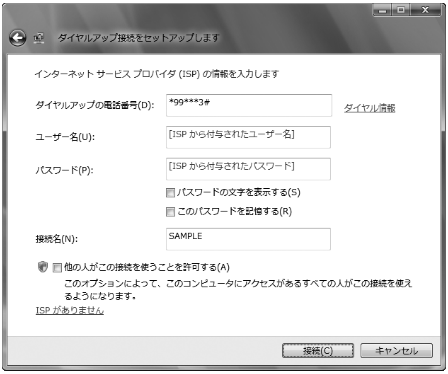
職場に接続します
職場へのダイヤルアップまたは VPN 接続をセットアップします。

3 **If the display for selecting a modem appears, click “FOMA P01E”.**

- The display for selecting a modem appears only when you have registered two or more modems.

4 **Enter an access point number in the “ダイヤルアップの電話番号 (Phone number for dial-up)” field.**

- When connecting to “mopera U”, enter “＊99＊＊＊3#” as the access point number.
  See page 21 for access point numbers other than “mopera U”.



インターネット サービス プロバイダ (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): SAMPLE

☐ 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 **Enter the user name and password supplied from your Internet service provider or network administrator in the “ユーザー名 (User name)” and “パスワード (Password)” fields.**

- When connecting to “mopera U”, you can leave the user name and password fields blank.

6 **Enter any name in the “接続名 (Connection name)” field. Then click “接続 (Connect)”▶Click “スキップ (Skip)”.**

- Here, “SAMPLE” is entered as an example.
- Only confirm the setting contents without connecting here.

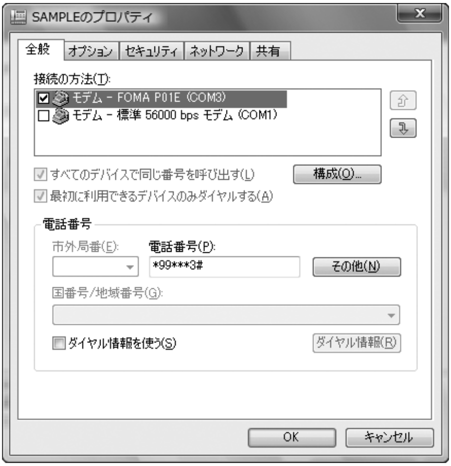
7 **Click “接続をセットアップします (Setup the connection)” ▶Click “閉じる (Close)”.**

8 **“ [スタート (Start)]”▶“接続先 (Access point)” ▶Highlight the access point which is finished with connection, and select “プロパティ (Property)” after the right click.**

9 Click the “全般 (General)” tab to confirm the setting contents.

When two or more modems are connected to your personal computer, confirm that “モデム (Modem) - FOMA P01E” is checked in the “接続の方法 (Connection method)” field. If it is not checked, check it. If two or more modems are checked, click the ⇧ button to position the priority level of “モデム (Modem) - FOMA P01E” to the top or uncheck modems other than “モデム (Modem) - FOMA P01E”.
When “ダイヤル情報を使う (Use dial information)” is checked, uncheck it.

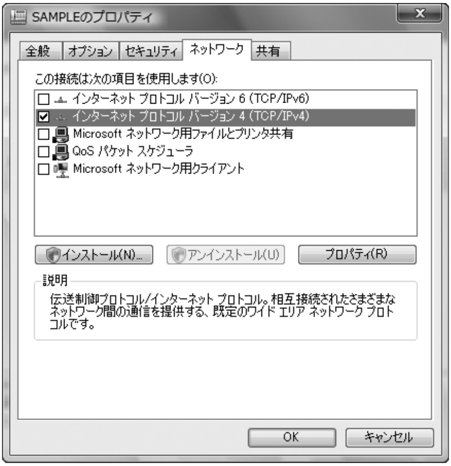
- ●The COM port number allocated to “FOMA P01E” varies depending on your personal computer.
- ●When connecting to “mopera U”, enter “＊99＊＊＊3#” as the access point number.
  See page 21 for access point numbers other than “mopera U”.



接続の方法(T):
☑ モデム - FOMA P01E (COM3)
☐ モデム - 標準 56000 bps モデム (COM1)
☑ 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)

10 Click the “ネットワーク (Network)” tab, then carry out respective settings.

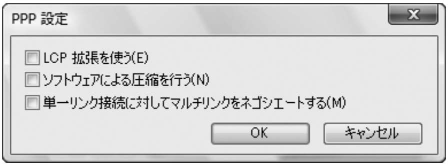
In the “この接続は次の項目を使用します (Use the following items for this connection)” field, select “インターネットプロトコル バージョン4 (TCP/IPv4) [Internet protocol version 4 (TCP/IPv4)]”.
You can set the “QoS パケットスケジューラ (QoS packet scheduler)” if necessary.
Contact your ISP (Internet service provider) or network administrator for how to set up TCP/IP to connect to a general ISP and so on.



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共有
☐ QoS パケット スケジューラ
☐ 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 the “オプション (Option)” tab, then click “PPP設定 (PPP settings)”.

12 Uncheck all the items, then click “OK”.



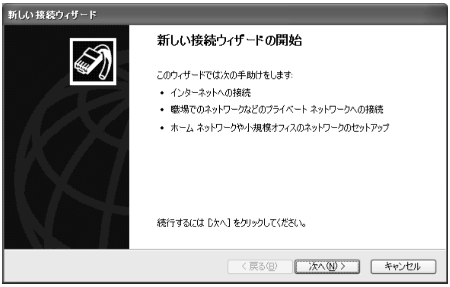
☐ LCP 拡張を使う(E)
☐ ソフトウェアによる圧縮を行う(N)
☐ 単一リンク接続に対してマルチリンクをネゴシエートする(M)

13 Return to the display in step 10, then click “OK”.

Set Dial-up Network for Windows XP

1 **“スタート (Start)”▶“すべてのプログラム (All programs)” ▶“アクセサリ (Accessories)”▶“通信 (Communications)” ▶Open “新しい接続ウィザード (New connection wizard)”.**

2 **When the “新しい接続ウィザード (New connection wizard)” display appears, click “次へ (Next)”.**



新しい接続ウィザードの開始

このウィザードでは次の手助けをします:

- インターネットへの接続
- 職場でのネットワークなどのプライベート ネットワークへの接続
- ホーム ネットワークや小規模オフィスのネットワークのセットアップ

続行するには [次へ] をクリックしてください。

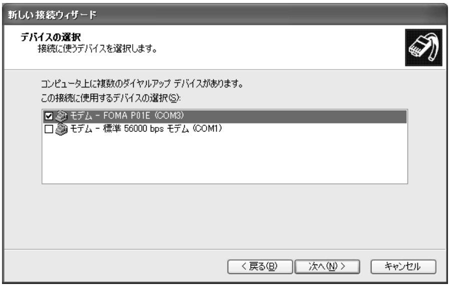
3 **Select “インターネットに接続する (Connect to the Internet)”, then click “次へ (Next)”.**

4 **Select “接続を手動でセットアップする (Manually set up the connection)”, then 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 a dial-up modem for connection)”, then click “次へ (Next)”.**

6 **If the “デバイスの選択 (Select a device)” display appears, check “FOMA P01E” only, then click “次へ (Next)”.**

- The “デバイスの選択 (Select a device)” display appears only when you have registered two or more modems.



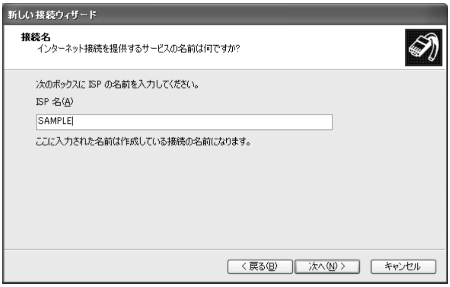
デバイスの選択
接続に使うデバイスを選択します。

コンピュータ上に複数のダイヤルアップ デバイスがあります。
この接続に使用するデバイスの選択(S):

☑ モデム - FOMA P01E (COM3)
☐ モデム - 標準 56000 bps モデム (COM1)

7 **Enter any name in the “ISP 名 (ISP name)” field, then click “次へ (Next)”.**

- Here, “SAMPLE” is entered as an example.

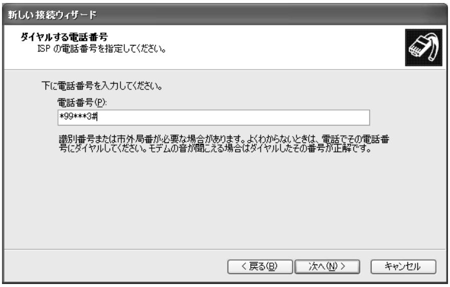


接続名
インターネット接続を提供するサービスの名前は何ですか?

次のボックスに ISP の名前を入力してください。
ISP 名(A)
SAMPLE
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。

8 **Enter an access point number in the “電話番号 (Phone number)” field, then click “次へ (Next)”.**

- When connecting to “mopera U”, enter “＊99＊＊＊3#” as the access point number.
  See page 21 for access point numbers other than “mopera U”.



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。

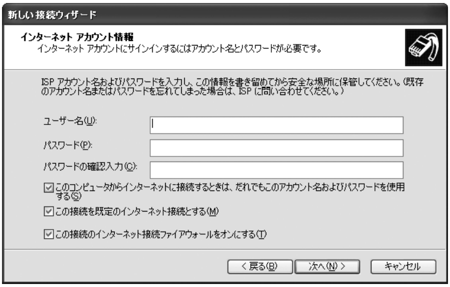
下に電話番号を入力してください。

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。

9 **Enter the user name and password supplied from your Internet service provider or network administrator in the “ユーザー名 (User name)”, “パスワード (Password)” and “パスワードの確認入力 (Confirm the password)” fields. Then click “次へ (Next)”.**

- When connecting to “mopera U”, you can leave the user name and password fields blank.



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)

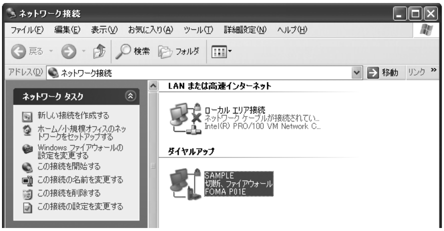
☑ この接続のインターネット接続ファイアウォールをオンにする(T)

10 **Click “完了 (Complete)”.**

11 **スタート (Start)”▶“すべてのプログラム (All programs)” ▶“アクセサリ (Accessories)”▶“通信 (Communications)” ▶Open “ネットワーク接続 (Connect to network)”.**

12 **Select the dial-up icon, then select “ネットワークタスク (Network task)” ▶“この接続の設定を変更する (Modify this connection setting)”.**

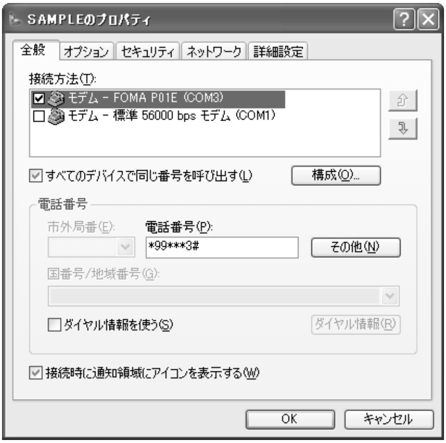
Here, click the icon of the name you entered in step 7.



13 Click the “全般 (General)” tab to confirm the setting contents.

When two or more modems are connected to your personal computer, confirm that “モデム (Modem) - FOMA P01E” is checked in the “接続方法 (Connection method)” field. If it is not checked, check it. If two or more modems are checked, click the ⇧ button to position the priority level of “モデム (Modem) - FOMA P01E” to the top or uncheck modems other than “モデム (Modem) - FOMA P01E”. When “ダイヤル情報を使う (Use dial information)” is checked, uncheck it.

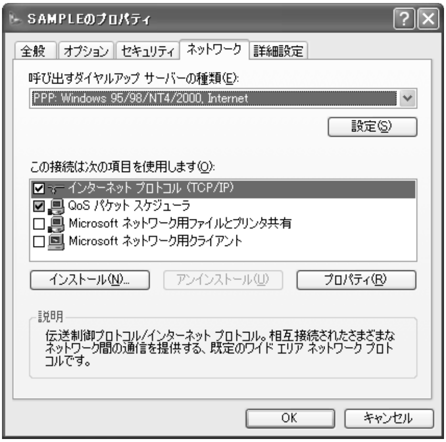
- The COM port number allocated to “FOMA P01E” varies depending on your personal computer.
- When connecting to “mopera U”, enter “∗99∗∗∗3#” as the access point number. See page 21 for access point numbers other than “mopera U”.



☑ モデム - FOMA P01E (COM3)
☐ モデム - 標準 56000 bps モデム (COM1)
☑ すべてのデバイスで同じ番号を呼び出す(L)
電話番号(P): *99***3#
☐ 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)

14 Click the “ネットワーク (Network)” tab, then carry out respective settings.

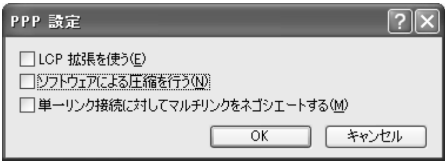
In the “呼び出すダイヤルアップサーバーの種類 (Type of calling dial-up server)” field, select “PPP: Windows 95/98/NT4/2000, Internet”.
In the “この接続は次の項目を使用します (Use the following items for this connection)” field, select “インターネットプロトコル (TCP/IP) [Internet protocol (TCP/IP)]”.
You cannot modify the setting of the “QoS パケットスケジューラ (QoS packet scheduler)” field; so use the default setting as it is. Next, click “設定 (Setting)”.
Contact your ISP (Internet service provider) or network administrator for how to set up TCP/IP to connect to a general ISP and so on.



PPP: Windows 95/98/NT4/2000, Internet
☑ 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

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。

15 Uncheck all the items, then 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)

16 Return to the display in step 14, then click “OK”.

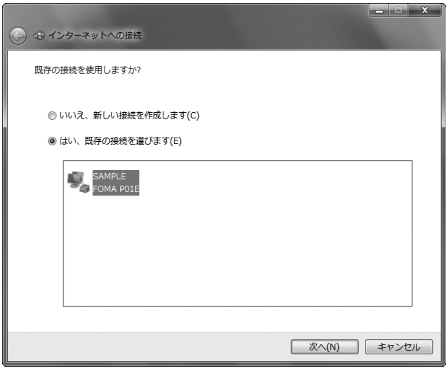
Making Dial-up Connection

Making Dial-up Connection for Windows 7

Perform the operation on page 5 to connect the FOMA terminal to your personal computer.

1. **“ [スタート (Start)]”▶Open “コントロールパネル (Control panel)” ▶Click “インターネットへの接続 (Connection to Internet)”.**

2. **Check “はい、既存の接続を選びます (Yes, I choose the existing connection)”, then select the access point, and click “次へ (Next)”.**



既存の接続を使用しますか?

○ いいえ、新しい接続を作成します(C)

● はい、既存の接続を選びます(E)

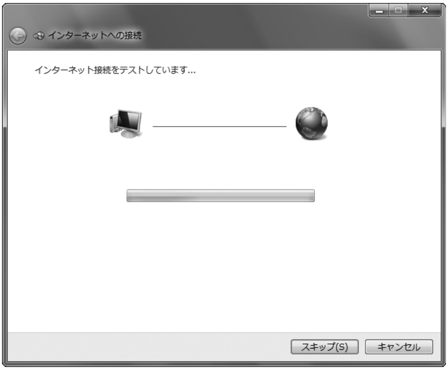
SAMPLE
FOMA P01E

3. **Confirm the contents and click “ダイヤル (Dial)”.**

   - When connecting to “mopera U”, you can leave the user name and password fields blank.

4. **The display appears to indicate the connecting state.**

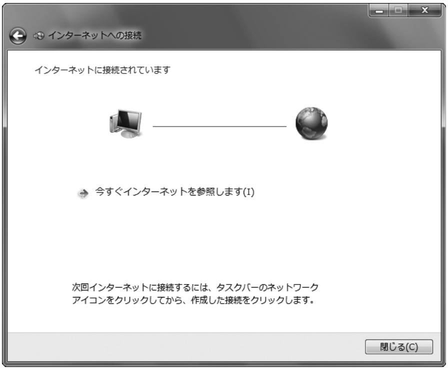
   In this period, the system performs logon processing to confirm the user name and password.



インターネット接続をテストしています...

5. **After the connection is completed, click “閉じる (Close)”.**

   - You can start the browser software to browse websites, use e-mail and so on.



インターネットに接続されています

今すぐインターネットを参照します(I)

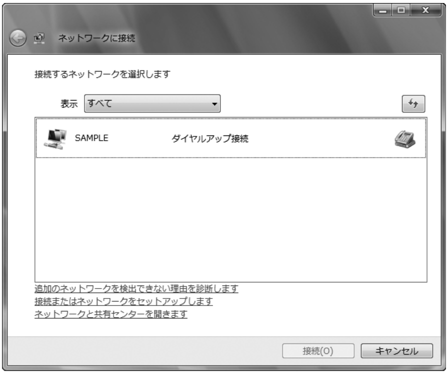
次回インターネットに接続するには、タスクバーのネットワーク
アイコンをクリックしてから、作成した接続をクリックします。

Making Dial-up Connection for Windows Vista

Perform the operation on page 5 to connect the FOMA terminal to your personal computer.

1 “ [スタート (Start)]”▶Open “接続先 (Access point)”.

2 Select access point and click “接続 (Connect)”.



接続するネットワークを選択します

SAMPLE	ダイヤルアップ接続

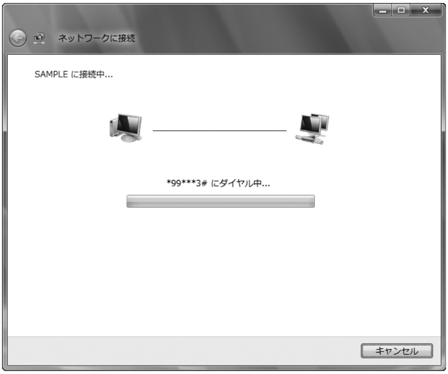
追加のネットワークを検出できない理由を診断します
接続またはネットワークをセットアップします
ネットワークと共有センターを開きます

3 Confirm the contents and click “ダイヤル (Dial)”.

- When connecting to “mopera U”, you can leave the user name and password fields blank.

4 The display appears to indicate the connecting state.

In this period, the system performs logon processing to confirm the user name and password.

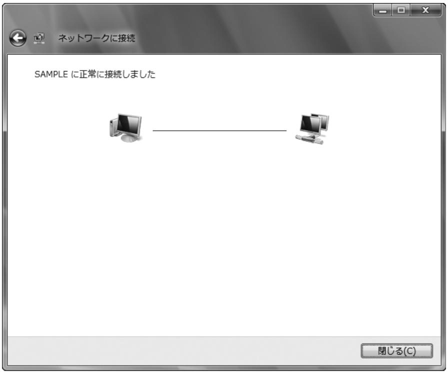


SAMPLE に接続中...

*99***3# にダイヤル中...

5 After the connection is completed, click “閉じる (Close)”.

- You can start the browser software to browse websites, use e-mail and so on.



SAMPLE に正常に接続しました

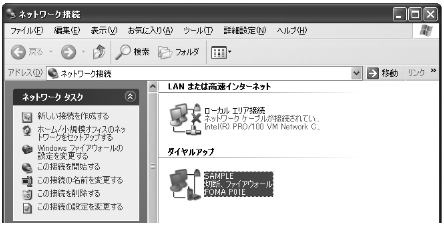
Making Dial-up Connection for Windows XP

Perform the operation on page 5 to connect the FOMA terminal to your personal computer.

1 “スタート (Start)”▶“すべてのプログラム (All programs)” ▶“アクセサリ (Accessories)”▶“通信 (Communications)” ▶Open “ネットワーク接続 (Network connection)”.

2 Open the access point to be used.

Select the access point icon of the ISP name (see page 27) you specified in “Set Dial-up Network”, then “ネットワークタスク (Network task)”→“この接続を開始する (Start this connection)”.
Otherwise, double-click the access point icon.

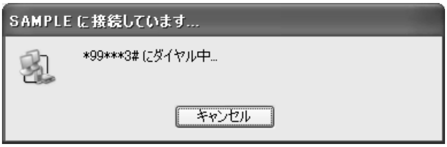


3 Confirm the contents and click “ダイヤル (Dial)”.

- When connecting to “mopera U”, you can leave the user name and password fields blank.

4 The display appears to indicate the connecting state.

In this period, the system performs logon processing to confirm the user name and password.

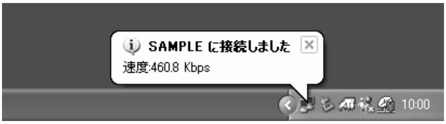

SAMPLE に接続しています...

*99***3# にダイヤル中...

5 The connection is completed.

After the connection is completed, the message appears from the indicator on the task bar for a few seconds.

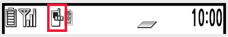
- You can start the browser software to browse websites, use e-mail and so on.
- If this message does not appear, confirm the setting of the access point again.

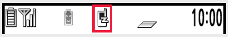

SAMPLE に接続しました

速度:460.8 Kbps

Information

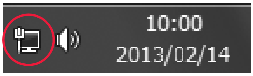
- For dial-up connection, use the FOMA terminal with the dial-up setting completed. To connect another FOMA terminal, you may need to reinstall the FOMA communication configuration file (driver).
- The power consumption of the FOMA terminal increases during communication.
- During packet communication, the communication state appears on the FOMA terminal.
  “ ” (Communicating, data sending)
  “ ” (Communicating, data receiving)
  “ ” (Communicating, no data sending/receiving)
  “ ” (Outgoing or being disconnected)
  “ ” (Incoming or being disconnected)
- During 64K data communication, “ ” appears on the FOMA terminal.





Disconnecting Communication Line

1 Click the dial-up icon on the task tray.



2 Select the access point with which the connection is to be terminated, and click “切断 (Disconnect)”.

<For Windows Vista>

Select “接続または切断 (Connect or disconnect)” and click “切断 (Disconnect)”, then click “閉じる (Close)”.

<For Windows XP>

Click “切断 (Disconnect)”.

Information

- The communication line may not be disconnected just by exiting the browser software. To surely disconnect the communication line, perform this operation.
- The baud rate displayed on your personal computer may be different from the actual one.

When you cannot connect to network

If you cannot connect to network (if you fail a dial-up connection), confirm the following items:

If this error occurs	Confirm those:
Your personal computer cannot recognize “P-01E”	· Confirm whether your personal computer satisfies the operating environment (see page 3). · Confirm whether “FOMA communication configuration file” (driver) is installed in your personal computer. · Confirm whether the FOMA terminal is connected to your personal computer and powered on. · Confirm whether the FOMA USB Cable with Charge Function 02 (option) is securely connected.
You cannot connect to the access point	· Confirm whether the ID (user name) and password are correct. · When you need to notify your caller ID such as when using “mopera U”, make sure “184” is not prefixed to the phone number. · Confirm that “フロー制御を使う (Use the flow control)” is checked in the modem properties. · If you cannot connect to the access point even after confirming above, contact your Internet service provider or network administrator for the setting method, and so on.

Set 64K Data Communication

This section explains how to set up a connection for the 64K data communication without using “DOCOMO Connection Manager”.

Setting dial-up connection and TCP/IP

The setting of dial-up connection and TCP/IP for the 64K data communication is the same as for the packet communication (see page 16).

Take care of the following points:

- **In the 64K data communication, you do not need to set an access point name (APN). For the access point of the dial-up connection, enter the phone number of the access point specified by your Internet service provider or network administrator. (To connect to “mopera U”, enter “＊8701” in the phone number field.)**
- **Set “caller ID notified/not notified” and “others” as required. (When connecting to “mopera U”, you need to notify your caller ID.)**
- **Contact your Internet service provider or network administrator for details on the setting contents.**

Connecting and Disconnecting

You can operate in the same way as for the packet communication. Perform the operations on page 15, page 30 or page 32.

AT Command

AT commands are used to specify and modify the functions of the FOMA terminal through the personal computer.

※The following abbreviations are used in the AT command list:

[AT]: Commands which are available at the FOMA P01E Command Port.

[M]: Commands which are available in the FOMA P01E (modem).

[&F]: Commands whose settings are initialized by the AT&F command.

[&W]: Commands whose settings are saved by the AT&W command. The set value can be recalled by the ATZ command.

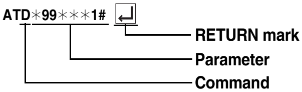
Information

- When you make a call from an external device or make an AT command call, the call is made from Number A in A Mode or Dual Mode of 2in1, and the call is made from Number B in B Mode of 2in1.

Entry Format of AT Command

To enter an AT command, use the terminal mode display of the communication software. Be sure to enter half-pitch alphanumeric characters.

- **Entry example**



- **You need to enter an AT command on one line, including a parameter (digits and symbols) which follows the command.**

Information

- The terminal mode enables you to operate a personal computer as one communication terminal. Using this mode, you can send characters you have entered from the keyboard to a line connected to the communication port.

Switch between Online Data Mode and Online Command Mode

There are following two methods of switching the FOMA terminal between the online data mode and online command mode:

· **Enter the “+++” command or enter the code specified in the “S2” register.**
· **Set the ER signal of the RS-232C※ off when “AT&D1” is set.**

- **To switch the online command mode to the online data mode, enter “ATO↵”.**

※The RS-232C signal line, which is emulated via the USB interface, is controlled by a communication application.

■Saving the setting contents

Please be careful that the setting contents with AT commands are initialized when the FOMA terminal is turned off and on or the external device is removed, except for the access point name (APN) setting with the AT+CGDCONT command, QoS setting with the AT+CGEQMIN or AT+CGEQREQ command, incoming call acceptance/rejection setting with the AT∗DGAPL, AT∗DGARL, or AT∗DGANSM command, phone number notification/no notification setting (for packet communication) with the AT∗DGPIR command and caller ID notification restriction setting with the AT+CLIR command. For commands with [&W], you can enter “AT&W↵” (after setting) to save the setting contents and other set values with [&W] at the same time. If necessary, you can restore these set values by entering in “ATZ↵” even after the power is turned off and on.

AT Command List

AT command	Outline	Parameter/Explanation	Command execution example
A/ [M]	Re-executes the last executed command. No carriage return is required.	–	A/ OK
AT%V [M]	Displays the version of the FOMA terminal.	–	AT%V Ver1.00 OK
AT&Cn [M] [&F][&W]	Selects the operating conditions of the circuit CD signal sent to the DTE.	n=0: CD is always ON. n=1: CD varies according to the carrier of the other party's modem. (default)	AT&C1 OK
AT&Dn [M] [&F][&W]	Selects an operation to be performed when the circuit ER signal received from the DTE transits from ON to OFF.	n=0: Ignores the ER status. (Always assumed to be ON.) n=1: Sets the online command state when the ER changes from ON to OFF. n=2: Sets the offline command state when the ER changes from ON to OFF. (default)	AT&D1 OK
AT&En [M] [&F][&W]	Selects the speed display specification for connection.	n=0: Displays communication speed between radio wave blocks. n=1: Displays DTE serial communication speed. (default)	AT&E0 OK
AT&Fn [AT][M]	Returns all registers to the default. Performs line disconnection processing if you enter this command during communication.	Only n=0 is specifiable. (Can be omitted)	–
AT&Sn [M] [&F][&W]	Specifies the control of the data set ready signal to be output to the DTE.	n=0: DR is always ON. (default) n=1: DR is set to ON at connection of the line (at establishment of a communication call).	AT&S0 OK
AT&Wn [M]	Stores the current set values.	Only n=0 is specifiable. (Can be omitted)	–
AT＊DANTE [AT][M]	Shows the number of antenna bars. (0 to 3)	0: Antenna shows the out of the service area 1: Zero antenna bars or a single antenna bar 2: Two antenna bars 3: Three antenna bars	AT＊DANTE ＊DANTE:3 OK AT＊DANTE=? ＊DANTE:(0-3) OK
AT＊DGANSM=n [M]	Sets the reject/accept setting mode for the packet incoming call. The setting with this command is valid for incoming calls in packet communication after you enter the setting command.	n=0: Invalidates the incoming call reject/accept setting. (default) n=1: Validates the incoming call reject setting (AT＊DGARL). n=2: Validates the incoming call accept setting (AT＊DGAPL). AT＊DGANSM?: Displays the current setting.	AT＊DGANSM=0 OK AT＊DGANSM? ＊DGANSM:0 OK
AT＊DGAPL=n [,cid] [M]	Sets the APN of which packet incoming call is to be accepted. To specify the APN, use the <cid> parameter defined in AT+CGDCONT.	n=0: Adds the APN defined by <cid> to the incoming call accept list. n=1: Deletes the APN defined by <cid> from the incoming call accept list. Applied to all the cid contents if <cid> is omitted. AT＊DGAPL?: Displays the incoming call accept list.	AT＊DGAPL=0,1 OK AT＊DGAPL? ＊DGAPL:1 OK AT＊DGAPL=1 OK AT＊DGAPL? OK
AT＊DGARL=n [,cid] [M]	Sets the APN of which packet incoming call is to be rejected. To specify the APN, use the <cid> parameter defined in +CGDCONT.	n=0: Adds the APN defined by <cid> to the incoming call reject list. n=1: Deletes the APN defined by <cid> from the incoming call reject list. Applied to all the cid contents if <cid> is omitted. AT＊DGARL?: Displays the incoming call reject list.	AT＊DGARL=0,1 OK AT＊DGARL? ＊DGARL:1 OK AT＊DGARL=1 OK AT＊DGARL? OK

AT command	Outline	Parameter/Explanation	Command execution example

AT＊DGPIR=n
[M]
	This command is valid at dialing/receiving calls.
	In the dial-up network setting, you can add “186” (notify) or “184” (not notify) to the phone number of the access point.
	(See page 22)
		n=0: Uses the APN as it is. (default)
		n=1: Adds “184” to the APN. (always not notify)
		n=2: Adds “186” to the APN. (always notify)
		AT＊DGPIR?: Displays the current setting.
			AT＊DGPIR=0
			OK
			AT＊DGPIR?
			＊DGPIR:0
			OK

AT＊DRPW [AT][M]	Displays the output power index for receiving. (0: minimum value to 75: maximum value)	–	AT＊DRPW ＊DRPW:0 OK
+++ [M]	Changes to the online command state without disconnecting the line when the escape sequence is executed in the online mode.	–	–
AT+CAOC [M]	Displays the charging information for now or latest call.	Result: +CAOC:”n” n: Displays the charging information in a hexadecimal number.	AT+CAOC +CAOC:"00001E" OK

AT+CBC
[M]
	Displays the battery level.	Result: +CBC:n,m
		n=0: FOMA terminal is powered by the battery.
		n=1: During charging
		n=2: The battery is not connected.
		n=3: Power-supply error
		m=0～100: Battery level
			AT+CBC
			+CBC:0,80
			OK

AT+CBST=n,1,0
[M]
[&W][&F]
	Sets the bearer service to be used.	n=116: 64000 bps (bit transparent) (default)
		n=134: 64000 bps (multimedia)
			AT+CBST=116,1,0
			OK
			AT+CBST?
			+CBST:116,1,0
			OK

AT+CDIP=n [M][AT] [&F][&W]	Sets whether to display “Received sub-address” on your personal computer when you receive a call.	n=0: Does not display “Received sub-address” when you receive a call. (default) n=1: Displays “Received sub-address” when you receive a call. Result: +CDIP:<n>,<m> m=0: Not signed up for Multi Number m=1: Signed up for Multi Number m=2: Unknown	AT+CDIP=0 OK AT+CDIP? +CDIP:0,1 OK
AT+CEER [AT][M]	Displays the reason why the preceding call was disconnected.	<report> Disconnection reason list (See page 43)	AT+CEER +CEER:36 OK
AT+CGDCONT [M]	Sets the access point name (APN) for when dialing for packet communication.	See page 41.	See page 41.
AT+CGEQMIN [M]	Registers the reference value to judge whether the system permits QoS (Quality of service) reported from the network at establishment of the packet communication.	AT+CGEQMIN=[parameter] See page 42. AT+CGEQMIN=? Lists the settable values. AT+CGEQMIN? Displays the current setting.	See page 42.
AT+CGEQREQ [M]	Sets QoS (Quality of service) to be requested to the network at dialing of the packet communication.	AT+CGEQREQ=[parameter] See page 42. AT+CGEQREQ=? Lists the settable values. AT+CGEQREQ? Displays the current setting.	See page 42.
AT+CGMR [M]	Displays the version of the FOMA terminal.	–	AT+CGMR 1234512345123456 OK

AT command	Outline	Parameter/Explanation	Command execution example
AT+CGREG=n [M] [&F][&W]	Sets whether the network registration state is notified. Displays whether you are inside or outside the service area according to the returned notification.	n=0: Not notified. (default) n=1: Notified at switching between the inside and outside of the service area. (Inquiry) AT+CGREG? +CGREG: <n>,<stat> n: Set value stat: 0: Outside packet area 1: Inside packet area 4: Unknown 5: Inside packet area (during roaming)	AT+CGREG=1 OK (set to “Notified”) AT+CGREG? +CGREG:1,0 OK (means the outside of the service area) (when moved from the outside to the inside of the service area) +CGREG: 1
AT+CGSN [M]	Displays the serial number of the FOMA terminal.	–	AT+CGSN 123456789012345 OK

AT+CLIP=n
[AT][M]
[&F][&W]
	Enables to display the other party’s caller ID on the personal computer at reception of 64K data communication or videophone calls.	n=0: Does not notify. (default)
		n=1: Notifies.
		Result: +CLIP: <n>,<m>
		m=0: NW setting not to notify caller ID at calling
		m=1: NW setting to notify caller ID at calling
		m=2: Unknown
			AT+CLIP=0
			OK
			AT+CLIP?
			+CLIP:0,1
			OK

AT+CLIR=n
[M]
	Sets whether to notify your phone number to do 64K data communication or to make videophone calls.	n=0: Notifies (does not notify) caller ID according to CLIR service.
		n=1: Does not notify the other party of your caller ID.
		n=2: Notifies the other party of your caller ID. (default)
		Result: +CLIR: <n>,<m>
		m=0: CLIR is not launched. (always notify)
		m=1: CLIR is launched. (always not notify)
		m=2: Unknown
		m=3: CLIR temporary mode (not notify, default)
		m=4: CLIR temporary mode (notify, default)
			AT+CLIR=0
			OK
			AT+CLIR?
			+CLIR:0,1
			OK
			AT+CLIR=?
			+CLIR:(0-2)
			OK

AT+CMEE=n [M] [&F][&W]	Sets how the FOMA terminal shows an error report.	n=0: Uses the ordinary ERROR result. (default) n=1: +CME ERROR: Uses the <err> result code. <err> indicates a numeric value. n=2: +CME ERROR: Uses the <err> result code. <err> indicates characters. AT+CMEE?: Displays the current setting. Command execution examples on the right are for when the FOMA terminal or connection has abnormality. Below listed are the +CME ERROR result codes. 1: no connection to phone 10: SIM not inserted 15: SIM wrong 16: incorrect password 100: unknown	AT+CMEE=0 OK AT+CNUM ERROR AT+CMEE=1 OK AT+CNUM +CME ERROR: 10 AT+CMEE=2 OK AT+CNUM +CME ERROR: SIM not inserted
AT+CNUM [AT][M]	Displays the own phone number of the FOMA terminal.	number: Phone number (In B Mode of 2in1, Number B is displayed.) type: 129 or 145 129: Does not include the IDD prefix code (+). 145: Includes the IDD prefix code (+). Result: +CNUM:,<number>,<type>	AT+CNUM +CNUM:,"+819012345678",145 OK

AT command	Outline	Parameter/Explanation	Command execution example
AT+COPS=n,2,m [M]	Selects the carrier to be connected.	n=0: Automatic (searches the network and switches the network operator automatically) (default) n=1: Manual (connects to the network operator specified in “m”) n=2: Disconnects the connection to the network operator n=3: Mapping is not performed. n=4: Manual/Automatic (if the connection to the network operator specified in “m” fails, works as automatic mode.) m: Country code (MCC) and operator code (MNC) are displayed in a hexadecimal number. The format is as follows: Digit 1 of MCC · · · octet 1 bits 1 to 4. Digit 2 of MCC · · · octet 1 bits 5 to 8. Digit 3 of MCC · · · octet 2 bits 1 to 4. Digit 3 of MNC · · · octet 2 bits 5 to 8. Digit 2 of MNC · · · octet 3 bits 5 to 8. Digit 1 of MNC · · · octet 3 bits 1 to 4.	AT+COPS=1,2,"44F001" OK
AT+CPAS [M]	Displays whether to send the control signals to the FOMA terminal.	Result: +CPAS:n n=0: Can send/receive control signals to/from the FOMA terminal. n=1: Cannot send/receive control signals to/from the FOMA terminal. n=2: Unknown (control signal sending/receiving is not assured). n=3: Can send/receive control signals to/from the FOMA terminal, and currently receiving. n=4: Can send/receive control signals to/from the FOMA terminal, and currently communicating.	AT+CPAS +CPAS:0 OK
AT+CPIN=n,m [M][AT]	Enters the UIM password (PIN1 or PIN2).	When the UIM is in a state waiting for the entry of PIN1 or PIN2 code n: PIN1/PIN2 When the UIM is in a state waiting for the entry of PUK due to failure in unblocking PIN1 or PIN2 code n: PUK m: New PIN1 or PIN2 AT+CPIN?: Displays the state of code entry requested about current SIM. Result: +CPIN: <state> <state>=READY: Code entry not requested <state>=SIM PIN: PIN1 code entry waited <state>=SIM PIN2: PIN2 code entry waited <state>=SIM PUK: PUK entry waited due to failure in unblocking PIN1 code <state>=SIM PUK2: PUK entry waited due to failure in unblocking PIN2 code	AT+CPIN="1234" OK AT+CPIN="12345678","1234" OK AT+CPIN? +CPIN:SIM PIN OK
AT+CR=n [M] [&F][&W]	Displays the bearer service type before the CONNECT result code appears at connection of the line.	n=0: Does not display. (default) n=1: Displays. <serv>: Displays only “GPRS” that means packet communication. (Displays “SYNC” or “AV64K”, depending on the line type.) AT+CR?: Displays the current set value.	AT+CR=1 OK ATD∗99∗∗∗1# +CR: GPRS CONNECT
AT+CRC=n [AT][M] [&F][&W]	Sets whether the extended result code is used at reception.	n=0: Does not use +CRING. (default) n=1: Uses +CRING.<type>. AT+CRC?: Displays the current setting. The +CRING format is as follows: +CRING: <type> During PPP packet ringing +CRING: GPRS “PPP”,,,<APN>	AT+CRC=0 OK AT+CRC? +CRC: 0 OK

AT command	Outline	Parameter/Explanation	Command execution example
AT+CREG=n [AT][M] [&F][&W]	Sets whether the result is displayed about the inside and outside of the service area.	n=0: Not notified. (default) n=1: Notified at switching between the inside and outside of the service area. (Inquiry) AT+CREG? +CREG: <n>,<stat> n: Set value stat: 0: Outside voice call area 1: Inside voice call area 4: Unknown 5: Inside voice call area (during roaming)	AT+CREG=1 OK (set to “Notified”) AT+CREG? +CREG: 1,0 OK (means the outside of the service area) (when moved from the outside to the inside of the service area) +CREG: 1
AT+CUSD=n,“<str>”,0 [M] [&F][&W]	Sets or checks the additional service for network.	n=0: Does not display mid result. (default) n=1: Displays mid result. <str>: Service code Mid result: m,”<str>”,0 m=0: Shows the setting is completed. m=1: Shows the network requires the information.	AT+CUSD=0, OK AT+CUSD=1,“*148*1*0000#”,0 +CUSD:0,“148*7#”,0 OK
AT+FCLASS=n [M] [&F][&W]	Sets communication class in the FOMA terminal.	n=0: Data communication (default)	AT+FCLASS=0 OK

AT+GCAP
[M]
	Displays the AT command supported by FOMA terminal.	Result +GCAP: n
		n=+CGSM: Some or all GSM commands are supported.
		n=+FCLASS: +FCLASS command is supported.
		n=+W: +W command is supported.
			AT+GCAP
			+GCAP:+CGSM,+FCLASS,+W
			OK

AT+GMI [M]	Displays the manufacturer name (Panasonic).	–	AT+GMI Panasonic OK
AT+GMM [M]	Displays the product name (FOMA P-01E) of the FOMA terminal.	–	AT+GMM FOMA P01E OK
AT+GMR [M]	Displays the version of the FOMA terminal.	–	AT+GMR Ver1.00 OK
AT+IFC=n,m [M] [&F][&W]	Selects the flow control method.	n: DCE by DTE m: DTE by DCE 0: No flow control 1: XON/XOFF flow control 2: RS/CS (RTS/CTS) flow control Default: n, m = 2.2 AT+IFC?: Inquires the set value.	AT+IFC=2,2 OK

AT+WS46=n
[M]
	Selects the wireless communication network of the FOMA terminal.	Returns “ERROR” for the mode setting because the wireless communication network is not selected on the FOMA terminal by this command.
		n=12: GSM/GPRS
		n=22: W-CDMA (Wideband CDMA)
		n=25: Automatic
			AT+WS46=22
			ERROR
			AT+WS46?
			25
			OK

ATA [AT][M]	Performs the receiving process in the mode when the FOMA terminal received the incoming call.	–	RING ATA CONNECT
ATD [AT][M]	Performs the automatic outgoing process to the FOMA terminal according to the contents specified in the parameter and dial parameter.	<cid>: 1 to 10. Displays the APN defined by +CGDCONT. When calling cid1, you can omit the phone number like “ATD∗99∗∗∗#.”	ATD∗99∗∗∗1# CONNECT

ATEn
[AT][M]
[&F][&W]
	Sets whether echo-back is issued to the DTE in the command mode.	n=0: Issues no echo-back.
		n=1: Issues echo-back. (default)
			ATE1
			OK

ATHn [AT][M]	Places the FOMA terminal into the on-hook state.	n=0: Disconnects the line. (can be omitted)	(During packet communication) +++ ATH NO CARRIER

AT command	Outline	Parameter/Explanation	Command execution example
ATIn [AT][M]	Displays the ID code.	n=0: Displays “NTT DoCoMo”. n=1: Displays the product name. (same as +GMM) n=2: Displays the version of the FOMA terminal. (same as +GMR) n=3: Displays ACMP information element. n=4: Displays the details of the function available for communication on the FOMA terminal.	ATI0 NTT DoCoMo OK ATI1 FOMA P01E OK
ATOn [M]	Returns from the online command mode to the online data mode during communication.	n=0: Returns from the online command mode to the online data mode. (can be omitted)	ATO CONNECT
ATQn [M] [&F][&W]	Sets whether the result code is to be displayed for the DTE.	n=0: Displays the result code. (default) n=1: Does not display the result code.	ATQ0 OK ATQ1 (“OK” is not returned at this time.)
ATS0=n [M] [&F][&W]	Sets the number of rings required until the FOMA terminal automatically receives an incoming call.	n=0: Does not automatically receive an incoming call. (default) n=1 to 255: Automatically receives an incoming call with the specified number of rings. (when n≧10, does not automatically receive a packet (PPP) incoming call, then the line is disconnected after about 30 seconds.) ATS0?: Inquires the set value.	ATS0=0 OK ATS0? 000 OK
ATS2=n [M] [&F]	Sets the escape character.	n=43: Default n=127: Makes escape processing invalid. ATS2?: Inquires the set value.	ATS2=43 OK ATS2? 043 OK
ATS3=n [M] [&F]	Sets the carriage return (CR) character.	n=13: Default (n=13 only specifiable) ATS3?: Inquires the set value.	ATS3=13 OK ATS3? 013 OK
ATS4=n [M] [&F]	Sets the line feed (LF) character.	n=10: Default (n=10 only specifiable) ATS4?: Inquires the set value.	ATS4=10 OK ATS4? 010 OK
ATS5=n [M] [&F]	Sets the back space (BS) character.	n=8: Default (n=8 only specifiable) ATS5?: Inquires the set value.	ATS5=8 OK ATS5? 008 OK
ATS30=n [M][&F]	Sets the inactive timer (minute). When no user data is sent or received, the connection is cut after the set time has elapsed. This command is for only 64K data communication. When 0 is set, the inactive timer turns to OFF.	n=0 to 255 (default=0) (unit: minute)	ATS30=0 OK

ATS103=n
[M][&F]
	Selects characters to pause for incoming sub-address.	n=0: ＊(asterisk)
		n=1: / (slash) (default)
		n=2: ¥ or back slash
			ATS103=0
			OK

ATS104=n
[M][&F]
	Selects characters to pause for outgoing sub-address.	n=0: # (sharp)
		n=1: % (percentage) (default)
		n=2: & (and)
			ATS104=0
			OK

ATVn [M] [&F][&W]	Sets all the result codes in the numeric or alphabetical notation.	n=0: Returns the result code in a numeric value. n=1: Returns the result code in alphabetical characters. (default)	ATV1 OK
ATXn [M] [&F][&W]	Sets whether to display the speed in the CONNECT display at connection. Detects busy tone and dial tone.	n=0: Dial tone not detected; busy tone not detected; speed not displayed. n=1: Dial tone not detected; busy tone not detected; speed displayed. n=2: Dial tone detected; busy tone not detected; speed displayed. n=3: Dial tone not detected; busy tone detected; speed displayed. n=4: Dial tone detected; busy tone detected; speed displayed. (default)	ATX1 OK

AT command	Outline	Parameter/Explanation	Command execution example
ATZn [M]	Resets the setting to the contents of the nonvolatile memory. If this command is entered during communication, the line is disconnected.	Only n=0 is specifiable. (Can be omitted)	(In online) ATZ NO CARRIER (In offline) ATZ OK

AT¥Sn
[M]
	Displays the contents of the each command and S register currently set.	Only n=0 is specifiable. (Can be omitted)	AT¥S
			E1 Q0 V1 X4 &C1
			&D2 &S0 &E1 ¥V0
			S000=000
			S002=043
			S003=013
			S004=010
			S005=008
			S006=005
			S007=060
			S008=003
			S010=001
			S030=000
			S103=000
			S104=000
			OK

AT¥Vn [M] [&F][&W]	Selects the response code specifications at connection.	n=0: Does not use the extended result code. (default) n=1: Uses the extended result code.	AT¥V0 OK

※The following commands do not result in an error even if specified; however, they do not function as commands.

- AT (AT only entered.)
- ATP (Pulse setting)
- ATS8 (Setting the pause time by comma dialing)
- ATT (Tone setting)
- ATS6 (Setting the pause time taken for dialing)
- ATS10 (Setting the automatic disconnection delay time)

Supplementary Explanation of AT Commands

● Command name: +CGDCONT=[parameter] [M]

- Outline

  This command sets an access point name (APN) for when dialing for packet communication.
- Format

  +CGDCONT=[<cid>[,"<PDP_type>"[,"<APN>"]]]
- Explanation of parameters

  You set an access point name (APN) for when dialing for packet communication. See the example below for command instructions.

  <cid>※: 1 to 10
  <PDP_type>: PPP or IP
  <APN>※: Arbitrary

  ※The <cid> numbers are used to manage access point name (APN) for packet communication, and they are registered in the FOMA terminal. Although it is possible to register numbers cid1 to cid10 in the FOMA terminal, “mopera.net” (PPP) was already registered for <cid>=1, “mopera.net” (IP) for <cid>=3 and “mpr.ex-pkt.net” (PPP) for <cid>=4 prior to purchase. Use numbers 2 or 5 to 10 to register other access point names. <APN> indicates any character string for each access point name.
- Operation at omission of parameters

+CGDCONT=	:	Sets all the <cid> contents to the default.
+CGDCONT=<cid>	:	Sets the specified <cid> to the default.
+CGDCONT=?	:	Lists the specifiable values.
+CGDCONT?	:	Displays the current setting.
- Command execution example

  ```
  AT+CGDCONT=5,"PPP","abc"
  OK
  ```

  ※The command used to register an APN name, abc (cid=5)

  ※This command, which is a setting command, is not stored in the nonvolatile memory written by [&W], and is not reset by [&F] and [Z], either.

● Command name: +CGEQMIN=[parameter] [M]

- Outline

  This command registers the reference value to judge whether the system permits QoS (Quality of service) reported from the network at establishment of the packet communication.

  You can specify four setting patterns described in the command execution example below.
- Format

  `+CGEQMIN=[<cid>[,,<Maximum bitrateUL>[,<Maximum bitrate DL>]]]`
- Explanation of parameters

  <cid>※ : 1 to 10
  <Maximum bitrate UL>※ : None (default), 2048
  <Maximum bitrate DL>※ : None (default), 7232

  ※<cid> is a number used to manage an access point name (APN) for packet communication, which is registered in the FOMA terminal.
  <Maximum bitrate UL> and <Maximum bitrate DL> are used to specify the maximum baud rates (kbps) for upload and download between the FOMA terminal and base station. “None” (default) accepts all baud rates, however, you may not be able to establish packet communication if you specify 2048 and 7232 because the baud rate less than these values are not accepted.
- Operation at omission of parameters

  +CGEQMIN= : Sets all the <cid> contents to the default.
  +CGEQMIN=<cid> : Sets the specified <cid> to the default.
- Command execution example

  You can specify only the following four setting patterns:
  (The setting in (1) is defined in each cid as the default.)

  (1)Command that accepts all the baud rates for both upload and download (cid=5)

  ```
  AT+CGEQMIN=5
  OK
  ```

  (2)Command that accepts 2048 kbps for upload and 7232 kbps for download (cid=6)

  ```
  AT+CGEQMIN=6,,2048,7232
  OK
  ```

  (3)Command that accepts 2048 kbps for upload and all baud rates for download (cid=7)

  ```
  AT+CGEQMIN=7,,2048
  OK
  ```

  (4)Command that accepts all baud rates for upload and 7232 kbps for download (cid=8)

  ```
  AT+CGEQMIN=8,,,7232
  OK
  ```

  ※This command, which is a setting command, is not stored in the nonvolatile memory written by [&W], and is not reset by [&F] and [Z], either.

● Command name: +CGEQREQ=[parameter] [M]

- Outline

  This command sets QoS (Quality of service) to be requested to the network at dialing of the packet communication.

  You can specify only one setting pattern described in the command execution example below, which is set as the default.
- Format

  `+CGEQREQ=[<cid>]`
- Explanation of parameter

  <cid>※: 1 to 10

  ※<cid> is a number used to manage an access point name (APN) for packet communication, which is registered in the FOMA terminal.
- Operation at omission of parameter

  +CGEQREQ= : Sets all the <cid> contents to the default.
  +CGEQREQ=<cid> : Sets the specified <cid> to the default.
- Command execution example

  You can specify only the following one pattern:
  (This setting is defined in each cid as the default.)

  (1)Command that requests a connection at arbitrary speed NW sets (cid=5)

  ```
  AT+CGEQREQ=5
  OK
  ```

  ※This command, which is a setting command, is not stored in the nonvolatile memory written by [&W], and is not reset by [&F] and [Z], either.

● Command name: +CLIP

- Outline

  The result for “AT+CLIP=1” is displayed in the following format:

  `+CLIP: <number> <type>`
- Command execution example

  ```
  AT+CLIP=1
  OK
  RING
  +CLIP: "09012345678",49
  ```

Disconnection Reason List

■64K Data Communication

Value	Reason
1	The specified number does not exist.
16	The line was normally disconnected.
17	Cannot communicate because the other party is communicating.
18	Dialed but no response has come in within the specified duration.
19	Cannot communicate because the other party is dialing.
21	The other party rejected to receive the call.
63	The network service and options are not valid.
65	The specified transmission performance is not provided.
88	Dialed to or received the call from the phone with different properties.

■Packet Communication

Value	Reason
27	No APN was found; or an invalid APN was specified.
30	The line was disconnected from the network.
33	You have not applied for the service option you requested.
36	The line was normally disconnected.

Result Codes

■Result Code List

Numeric notation	Character notation	Meaning
0	OK	Processing has been executed normally.
1	CONNECT	The line has been connected to the other party.
2	RING	An incoming call has arrived.
3	NO CARRIER	The line has been disconnected.
4	ERROR	The system can receive no command.
6	NO DIALTONE	The system can detect no dial tone.
7	BUSY	The system is detecting the busy tone.
8	NO ANSWER	The connection completed; timeout
100	RESTRICTION	The network is restricted.
101	DELAYED	Within restricted redialing time

■Extended Result Code List

For &E0

Connection speed between the FOMA terminal and the base station is displayed.

Numeric notation	Character notation	Connection speed
121	CONNECT 32000	32,000bps
122	CONNECT 64000	64,000bps
125	CONNECT 384000	384,000bps
133	CONNECT 3648000	3,648,000bps
135	CONNECT 7232000	7,232,000bps

For &E1

Numeric notation	Character notation	Connection speed
5	CONNECT 1200	1,200bps
10	CONNECT 2400	2,400bps
11	CONNECT 4800	4,800bps
13	CONNECT 7200	7,200bps
12	CONNECT 9600	9,600bps
15	CONNECT 14400	14,400bps
16	CONNECT 19200	19,200bps
17	CONNECT 38400	38,400bps
18	CONNECT 57600	57,600bps
19	CONNECT 115200	115,200bps
20	CONNECT 230400	230,400bps
21	CONNECT 460800	460,800bps

Information

- Result codes are displayed in the character notation (default) when the ATVn command (see page 40) is set to n=1 and displayed in the numeric notation when it is set to n=0.
- The baud rate is displayed to keep the compatibility with a conventional modem connected via RS-232C. However, the FOMA terminal and personal computer are connected via the FOMA USB Cable with Charge Function 02 (option); so, the baud rate is different from the actual connection speed.
- "RESTRICTION" (numeric notation: 100) means that the communication network is congested. If this result code appears, wait for a while, then connect the line again.

■Communication Protocol Result Code List

Numeric notation	Character notation	Meaning
1	PPPoverUD	Connected by 64K data communication
3	AV64K	Connected by 64K videophone
5	PACKET	Connected by packet communication

■Result Code Display Examples

- When ATX0 is set:

CONNECT only appears at completion of the connection, regardless of the contents specified in the AT¥V command (see page 41).

Example in character notation: ATD∗99∗∗∗1#
CONNECT
Example in numeric notation: ATD∗99∗∗∗1#
1

- When ATX1 is set※1:

・ If ATX1 and AT¥V0 are set (default):

A result code appears in the following format at completion of the connection: CONNECT<baud rate between the FOMA terminal and PC>

Example in character notation: ATD∗99∗∗∗1#
CONNECT 460800
Example in numeric notation: ATD∗99∗∗∗1#
1 21

・ If ATX1 and AT¥V1 are set※1:

A result code appears in the following format at completion of the connection:
CONNECT<baud rate between the FOMA terminal and PC>PACKET<access point name (APN)>/<maximum baud rate for upload (the FOMA terminal → wireless base station)>/<maximum baud rate for download (the FOMA terminal ← wireless base station)>※2

Example in character notation: ATD∗99∗∗∗1#
CONNECT 460800 PACKET
mopera.ne.jp /2048/7232
Example in numeric notation: ATD∗99∗∗∗1#
1215

※1 If you specify ATX1 and AT¥V1 at the same time, you may not be able to correctly carry out the dial-up connection.
You are advised to use only AT¥V0.

※2 The displayed maximum band rate is the one reported from the wireless base station and does not guarantee the actual communication speed.

Kuten Code List

<How to read Kuten Code List>

First enter the number for “Kuten digit 1 to 3”, and enter the number for “Kuten digit 4”.

- Some characters in Kuten Code List may appear different on the display.

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
010		(SPACE)	、	。	，	．	・	：	；	？
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		─	│	┌	┐	┘	└	├	┬	┤
081	┴	┼	━	┃	┏	┓	┛	┗	┣	┳
082	┫	┻	╋	┠	┯	┨	┷	┿	┝	┰
083	┥	┸	╂							

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
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
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

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
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	
	【		**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

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
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
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

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
	【		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
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					

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
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
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

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
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								
476										
477										
478										
479										
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

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
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

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
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
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

Kuten digit 1 to 3	0	1	2	3	4	5	6	7	8	9
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	粁	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

Kuten digit 1 to 3	0	1	2	3	4	5	6	7	8	9
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

Kuten digit 1 to 3	0	1	2	3	4	5	6	7	8	9
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			