NTT docomo

P-01C

docomo SMART series

DOCOMO W-CDMA·GSM/GPRS System

Thank you for selecting the "docomo SMART series P-01C".

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

About manual of P-01C

The operating procedures for the P-01C are also published as in "使いかたナビ (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

◆"使いかたナビ (Guide)" (installed onto your FOMA terminal)◆

Description of the outline and operations of frequently used functions

From the P-01C (MENU)▶LifeKit▶使いかたナビ (Guide)

※ This function is available in Japanese mode only.

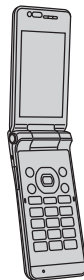### ◆"Instruction Manual (Detailed Version)" (PDF)◆

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-01C Handset
(With Warranty and Back Cover P46)

• Battery Pack P17

• Instruction Manual
(Japanese version)

取扱説明書

• P-01C CD-ROM

• See page 85 for optional items that support this FOMA terminal.

For Using This Manual

• Note that "P-01C" 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 "Onyx Black" handset. Further, displays and illustrations shown in this manual are for reference. The actual ones might differ.

Contents

Introduction
► P.1 ～

Basic Operation
► P.17 ～

Connect
► P.39 ～

Search
► P.54 ～

Enjoy
► P.58 ～

More Convenient
► P.69 ～

Others
► P.78 ～

FOMA Terminal

- **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.**
- **Use the FOMA terminal carefully to avoid disturbing other people when in public, or in crowded or quiet places.**
- **Since the FOMA terminal uses radio waves as the medium of telecommunication, calls may be tapped by a third party. However, the W-CDMA·GSM/GPRS 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., and Entrust, Inc., Go Daddy, Inc.
- **This FOMA terminal supports FOMA Plus-Area and FOMA High-Speed Area.**
- **The FOMA terminal can be used only via the FOMA network provided by DOCOMO and in DOCOMO's roaming area.**
- **You are advised that you make separate notes of information (such as Phonebook entries, schedule events, text memos, record messages, voice memos, movie 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.**

What You can Do with P-01C

使いかたナビ (Guide) ▶P.26

You can check "使いかたナビ (Guide)" on screen for how to operate a function you want.
Even when you do not have the printed "Instruction Manual" at hand, you can easily operate your FOMA terminal by referring to it.

※This function is available in Japanese mode only.

International Roaming ▶P.46

You can use the FOMA terminal overseas the same way as you use it in Japan, including phone number and mail address. (3G/GSM areas are supported.)

Key Layout

Ergonomically-designed key layout and the large letters/numbers on the keypads enable easy key press.

Camera ▶P.58

You can shoot still images or moving pictures using the 5.1-megapixel (approx.) camera. The camera will recognize the distances to the subjects' faces and the number of subjects, and it will take a shot automatically. (Auto shutter)

ECO NAVI ▶P.34

ECO NAVI is a function that identifies waste and conserves energy. A notification icon will be displayed when the remaining battery level drops below the set level, or when the FOMA terminal has not been operated for a certain period of time and 1Seg has terminated.

Picture Album ▶P.59

You can modify the slant of the still images which were shot obliquely, improve the image quality, and make corrections to the images.

○○鉄道
現在、運転見合わせ中
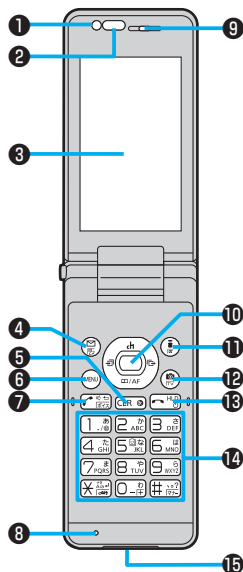です…。

「ひつじのしつじくん®」
© NTT DOCOMO

i-concier ▶P.70

i-concier is a service that enables you to receive useful information from a character (Machi-chara image) on the Stand-by display and download schedule event (i-schedule) files for your convenience.

※ i-concier is available in Japanese only.

3

Part Names and Functions

❶**Light 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.)

❷**Infrared data port**

For using infrared communication and the infrared remote control

❸**Display**

❹⊠**Mail key**

For showing the Mail Menu

❺CLR**Clear key**

❻MENU**Menu key**

For showing the Main Menu

❼⁂**Start key/Hands-free switch key**

❽**Microphone**

For speaking to the other party

❾**Earpiece**

For listening to the other party's voice

❿○**Command navigation key**

For operating functions and menus

⓫**i-mode key/i-αppli key**

⓬**Camera key/1Seg key**

⓭⁂**Power/End key**

For turning on/off the power or ending a call

⓮**Numeric keys**

For entering phone numbers and text

⓯**Connector 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.
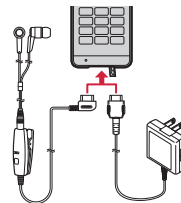
Stereo Earphone Set 01   AC Adapter

4
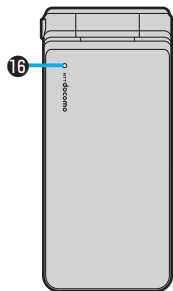
⑯**Call/Charging indicator**

Lights while you are receiving a call or message, talking, or charging.

⑰**Speaker**

⑱ ⏣ **mark**

An IC card is installed. Use it for Osaifu-Keitai or iC communications.

⑲**Back cover**

Remove this when attaching/removing the battery pack and UIM.

⑳**FOMA antenna/1Seg antenna**

The antenna is embedded in the handset. Do not cover the antenna with your hand for better communication/reception.
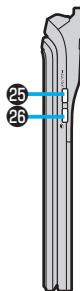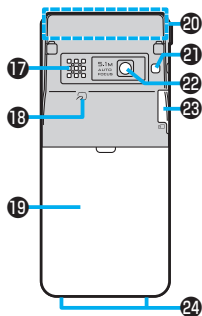
㉑**Strap hole**

㉒**Camera**

For shooting portraits and/or landscapes

㉓**microSD card slot**
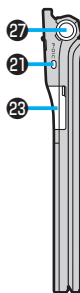
For inserting microSD card

㉔**Charging terminal**

㉕ ⌨ **Memo/Manner key**

㉖ 🔲 **Multi key**

For showing the Task menu

㉗**One-push open button**

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

5

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.

🚫 Not wet hands	Denotes not to touch with wet hands.
🚫 Avoid Water	Denotes not to use where the equipment may get wet, and avoid get it wet.

❗ 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 six sections:**

General precautions for FOMA terminal, batteries, adapters, and UIM

⚠ Danger

🚫 **Do not use, store, or leave the mobile phone 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).**
Don't
Fire, burns, or injury may result.

🚫 **Do not place the FOMA terminal or its accessories inside cooking appliances such as microwave ovens or high-pressure containers.**
Don't
Fire, burns, injury or electric shock may result.

🚫 **Do not attempt to disassemble or remodel the FOMA terminal or its accessories.**
Do not disassemble
Fire, burns, injury or electric shock may result.

🚫 **Do not allow the FOMA terminal or its accessories to get wet either from water, drinking water or pet urine, etc.**
Avoid Water
Fire, burns, injury or electric shock may result.

❗ **With your FOMA terminal, use the batteries and adapters specified by NTT DOCOMO, INC.**
Do
Fire, burns, injury or electric shock may result.

⚠ Warning

🚫 **Do not throw the FOMA terminal or accessories, or subject them to severe shocks.**
Don't
Fire, burns, injury or electric shock may result.

🚫 **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.**
Don't
Fire, burns, injury or electric shock may result.

🚫 **Do not cover or wrap the FOMA terminal or its accessories with a cushion, etc. while it is being used or recharged.**
Don't
Fire or burns may result.

❗ **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.**
Do
Otherwise, the flammable gases may ignite.
Use the Osaifu-Keitai with the FOMA terminal turned off when you are near a gas station. (When IC Card Lock is set, release the lock, and then turn off the power.)

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

🚫 **Do not place the FOMA terminal or accessories on unstable locations such as wobbly tables or slanted locations.**
Don't
They may fall off and cause injury.

7

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

Don't Fire, burns or electric shock may result.

⊕ **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.**

Do Otherwise, injury may result.

⊕ **Keep out of the reach of babies and infants.**

Do Accidental swallowing or injury may result.

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

Do 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**

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

Don't Doing so may harm the person's eyes.

🚫 **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.**

Don't The infrared device may malfunction, and possibly cause an accident.

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

Don't Fire, burns, injury or electric shock may result.

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

Do 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.

⊕ **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.

Do The excessive sound volume impairs your hearing.

Further, accidents may result due to the hardness of hearing of surrounding sound.

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

Do Otherwise, the functions may adversely affect your heart.

8

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.**

Plastic panels are used for the surfaces 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 eyes, 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 13 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.

Do **The back cover is made of metal, so handle it with care.**

You may hurt your hand or fingers.

9

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

🚫 **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.**
Don't
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

🚫 **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.**
Don't
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

🚫 **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.**
Don't
Otherwise, the battery pack may ignite, burst or overheat and its electrolyte may leak.

❗ **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.**
Do
Otherwise, the loss of eyesight may result.

⚠ Warning

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

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

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

⚠ Caution

🚫 **Do not dispose of the exhausted battery with other waste.**
Don't
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.

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

❗ **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.**
Do
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

⚠ 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 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 adapter from the power outlet or cigarette lighter socket, do not yank the adapter cord, but take hold of the power plug 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.

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

Pull the power plug out

Fire, burns or electric shock may result.

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

Pull the power plug out

Fire, burns or electric shock may result.

Precautions for UIM

⚠️ **Caution**

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

Do

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**

Comply with the following in hospitals or health care facilities:

Do

• 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.

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.

Do

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

If you use an implanted cardiac pacemaker or implanted defibrillator, use the FOMA terminal 22 cm or more away from an implanted cardiac pacemaker or implanted defibrillator.

Do

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

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.

Do

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

■List of materials used

Where it is used		Material/Finishing
Outer casing	Display surface	PA/UV coating
	Operation key surface, Projection part of hinge area	PC/UV coating
	Call/Charging indicator surface circumference	PC + ABS/tin vapor deposition coating + UV coating
	Call/Charging indicator surface	Stainless steel/UV coating
	Logo part of Call/Charging indicator surface	Nickel/chrome plating + UV coating
	Center of hinge area	ABS/UV coating
	Back cover	Stainless steel/UV coating
	Battery surface	PPS
	Battery surface (Hinge surface)	PC + ABS/UV coating
Connector terminal		Stainless steel/nickel plating + tin plating
Connector terminal cover		Elastomer
Camera lens area		PMMA/hard coating
Neighborhood of camera lens cap		ABS/UV coating
Panel of camera lens area		PET
Charging terminal		Beryllium copper/ nickel plating + gold plating
Operation key surface	Key area, Open/close stopper	Acrylic urethane
	Sheet area	PET
Call/Charging indicator area		PMMA
Display panel		PMMA/hard coating
Battery compartment surface, Metal part of battery surface		Stainless steel
Battery compartment surface (Sheet area)		Polyester
Battery terminal	Resin part	PA
	Terminal area	Titanium copper/nickel plating + gold plating

Where it is used		Material/Finishing
Battery pack	Resin area	PC
	Label	PET
	Terminal area	Glass epoxy substrate/ nickel plating + gold plating
Screw (Battery compartment)		Aluminum-killed steel/chrome plating
Memo/Manner key, Multi key		PC/UV coating
Label (Battery compartment)		Polyester
One-push open button		PC
Metal part of the one-push open button		Aluminum/alumite treatment
UIM slot		Epoxy resin
microSD card slot cover		PC + elastomer/UV coating

13

Handling Precautions

Introduction

General notes

■**Do not wet the equipment.**
The FOMA terminal, battery, adapter, and UIM are not waterproofed. 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 battery pack, adapter, or desktop holder.**

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 covers for the connector terminal and the micro SD card slot.**
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.

14

■**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

■**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 UIM

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

■**The warranty does not cover damage caused by inserting the UIM 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 UIM 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 any unneeded UIMs 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 UIM or subject it to strong impacts.**
Malfunction may result.

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

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

Notes on handling the FeliCa reader/writer

■**The FeliCa reader/writer function on the FOMA terminal uses very weak radio waves which do not require to be licensed as radio stations.**

■**The FeliCa reader/writer is operated on the 13.56 MHz frequencies. When you use another reader/writer nearby, take enough distance between your FOMA terminal and the reader/writer. Further, ensure that there are no radio stations that use the same frequencies.**

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.

■**Use the FeliCa reader/writer functions in Japan only.**

The FeliCa reader/writer functions on the FOMA terminal have been authorized in compliance with the radio transmission standards in Japan.
You might be imposed punishment if you use them overseas.

Before Using

Attaching UIM (FOMA Card)/Battery Pack

1 Remove the back cover.

While pressing the surrounding part of " ▭ " of the back cover, slide the back cover (2 mm or more) in the direction of the arrow to unlock and remove it.
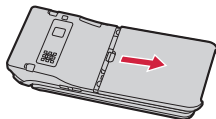
2 Insert the UIM.

With the golden IC surface downward, push the UIM slowly to the end while pressing surface.

Cut

• Take care not to damage the IC portion.
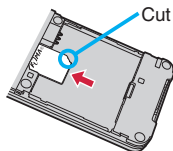
When you remove the UIM

• Pull it out slowly while sliding.

About UIM

The UIM is an IC card that holds your information such as phone numbers. You cannot use the FOMA terminal for communications such as voice/videophone calls, i-mode, or sending/receiving mail, unless the UIM is inserted.

---

3 Attach the battery pack.

With the arrow mark facing up, securely attach the battery pack through the dents of the FOMA terminal, and then push the battery pack in direction B while pressing it against direction A.

Arrow mark Projection B A Dents
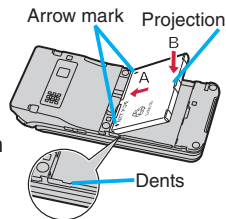
When you remove the battery pack

Lift the battery up using the projection of it.

4 Attach the back cover.

With the back cover stayed open about 2 mm, match it to the groove on the FOMA terminal. Then slide the back cover in the direction of the arrow to install.

Approx. 2 mm

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

If it is not completely closed, you may hurt your hand or fingers because it is made of metal.
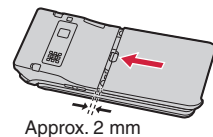
• Ensure that you turn off, close, and take hold of the FOMA terminal when you install or remove the UIM or battery pack.
• You cannot use the UIM (blue) on your FOMA terminal. If you have that blue one, have it replaced at a docomo Shop.
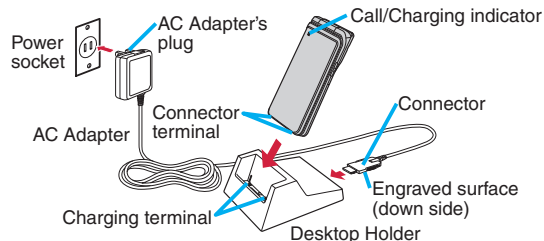
Charging

■Charging Using AC Adapter

Power socket — AC Adapter's plug — Connector terminal — Call/Charging indicator — Connector — Cover — AC Adapter — Engraved surface — Release buttons — A B
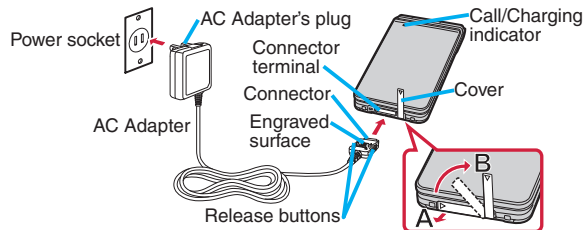
1 **With the engraved surface of the connector of the AC Adapter (option) face up, plug the connector straight into the connector terminal until it clicks.**
  • To charge the battery, place the cover of the connector terminal as illustrated. Pull out the cover of the connector terminal cover to the direction A, and turn it to the direction B.

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

3 **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.

■Charging Using Desktop Holder

Power socket — AC Adapter's plug — Call/Charging indicator — Connector terminal — Connector — AC Adapter — Charging terminal — Engraved surface (down side) — Desktop Holder

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

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 onto the desktop holder securely.**
  • Be sure to charge the FOMA terminal with the FOMA terminal closed.
  • 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 with fingers and lift up the head of FOMA terminal to remove.**

• When charging starts, the Call/Charging indicator lights in red. When charging is completed, it turns off.

Basic Operation

Turning Power ON

1

Press and hold ⁀ for at least one second.

After the Wake-up display is displayed, the Stand-by display appears.

To turn off the power
Press and hold ⁀ for at least two seconds.

The Initial Setting display appears when any of Initial Setting items have not been set.
In that case, follow on-screen instructions.

Configuring Initial Setting

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

1 Set your Terminal Security Code.

You can set your Terminal Security Code required for setting functions.
• "0000" is set at purchase.

2 Set Keypad Sound.

You can select whether to play a keypad sound.

3 Set the size of fonts.

You can set the size of fonts on the display at a time.

Checking Your Own Phone Number

1 (MENU) **from the Stand-by display▶Phonebook▶Own number**

You can press (O) to switch the tabs.

- From the display on the right, press (✉)(**Edit**) to store your name, mail address, etc.
- Refer to "Mobile Phone User's Guide [i-mode] FOMA version" for how to check or change your mail address.

Own number

Switching to English Display

1 (MENU) **from the Stand-by display▶設定／サービス (Set./Service)▶ディスプレイ (Display)▶バイリンガル (Select language)**

2 **Select "English (英語)".**

- The "バイリンガル (Select language)" setting is saved on the UIM.
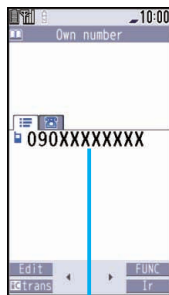
You can check your own phone number also by pressing (MENU)(O) from the Stand-by display.

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.**

▯**(black)⋯eco Mode is set.**

▯**(gray) ⋯⋯Auto eco Mode is set.**

✉**⋯⋯⋯⋯⋯Unread i-mode mail or SMS messages exist.**

🅒**⋯⋯⋯⋯⋯New i-concier information exists.**

SD**⋯⋯⋯⋯⋯A microSD card is inserted.**

2/18(Fri) 10:00
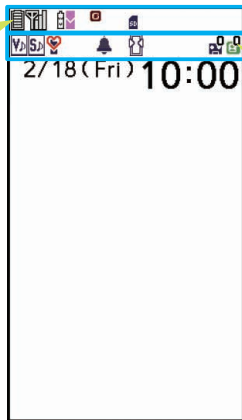
Status icon

V♪ **⋯⋯⋯Vibrator is set.**

S♪ **⋯⋯⋯Ring Volume is set to "Silent".**

💗 **⋯⋯⋯In Manner Mode**

🔔🔕 **⋯⋯An alarm is set.**

🗇 **⋯⋯⋯View Blind is set.**

🖥⁰ **⋯⋯⋯The number of record messages**

📱⁰ **⋯⋯⋯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:
(MENU) from the Stand-by display ▶Set./Service▶Display ▶Icons

21

Notification icon

📩 New 1 … **New i-mode mail or SMS**

📞 Miss 1 … **Missed call**

📺 Msg … **Record message**

🎬 Msg … **Videophone record message**

🔋 eco mode … **The mode has automatically changed to eco Mode (ECO NAVI)**

📵 1Seg OFF … **1Seg has automatically terminated (ECO NAVI)**

Desktop icon

ⓒ … **i-concier**

ⓠ … **使いかたナビ (Guide)**

🎭 … **Battery/eco mode set.**

▶ … **Picture album**

📱 … **P-SQUARE (Maker site)**
 • "P-SQUARE" is available in Japanese only.

Proceed to respective functions from icons

You can proceed to respective functions from "Status icon", "Notification icon", and "Desktop icon".
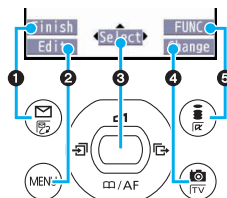
1. ◉ from the Stand-by display
 ▶Use ◉ to highlight an icon▶◉(Select)

📶📺

2/18 (Fri) 10:00

📩📞📺🎬🔋
New 1 Miss 1 Msg Msg eco mode
ⓒ ⓠ 🎭 ▶ 📱

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 ✉ key.	Finish ✉
❷	Operations you can perform with the (MENU) key.	Edit Store
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 📷 key.	Change Detail
❺	Operations you can perform with the 📠 key.	FUNC Set

Navigation Displays while Dialing

Enter numeric strings on the Stand-by display. Then key operations of the several available function appear on the display according to the number of digits. You can now get the target function with a single key press. You can start up the functions like Calculator, Schedule, Alarm etc.

<Example> Enter "0218" to display Schedule of February 18th.

1. Press $\boxed{0}\boxed{2}\boxed{1}\boxed{8}$ from the Stand-by display.
2. Press $\boxed{\bigcirc}$.

Navigation displays

■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.

■Key Operations in Horizontal Direction

While i-mode or Full Browser is displayed in a horizontal direction, the navigation displays are shown at the lower left corner of the display.

To perform a command shown on the display, press the corresponding key as indicated.

- Even when you have operated on the horizontal display, the display might switch to the vertical display depending on the function.
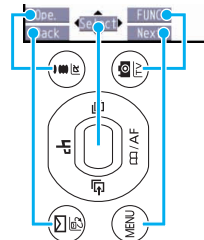
Menu Operation

■Main Menu

Press (MENU) from the Stand-by display to show Main Menu.

Menu icons

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

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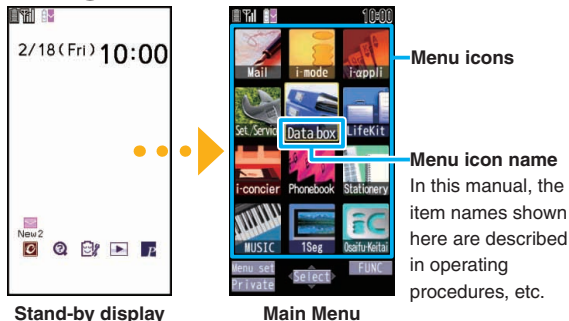
Use (○) to highlight a menu icon and press (●)(Select).
Functions categorized by the menu items are displayed.
Repeat selecting items to call up the target function.

• You can press [CLR] to return to the previous display.
 When you press (⌢) from any display, the Stand-by display returns.
• You can display some functions by pressing (MENU) + menu number from the Stand-by display.
• See "Function List" for the menu items and menu numbers of each function. (See page 86)
• In this manual, the descriptions of operating procedures are given mainly starting with the Stand-by display.

■Simple Menu

Simple Menu is a menu focusing on only basic functions for easy operation. By setting "Menu icon setting" to "Simple menu", you can show the Simple Menu by pressing (MENU) from the Stand-by display.

Main Menu
■ Phone
✉ Mail
ⓘ i-mode
◎ Camera
▭ 1Seg
▯ Data box
▤ Tools
✦ Settings
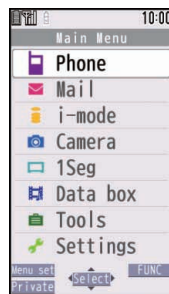
• Some operating procedures or items which appear on the display in Simple Menu differ from the ones described in this manual.

Function menu

When " FUNC " is displayed at the lower right of the display, you can use functions such as Store, Edit, and Delete by pressing (ⅰα).

<Example> Display the Function menu of a Phonebook entry
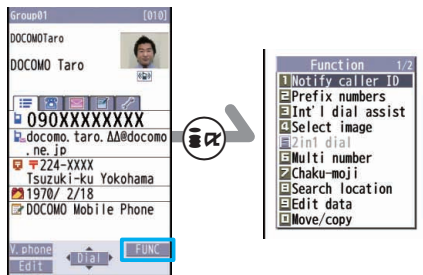
- When a function can be operated also by a key, the numeric key number or other marks may appear on the right of the function name.

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
(●)	Switches Key Lock on/off.
(○)	Shows the Registration display for Phonebook entries.
(✉)	Executes Check New Messages.
(ⅰα)	Shows the Software list.
(MENU)	Sets/Releases IC Card Lock.
(📷)	Starts 1Seg.
(5)	Sets/Releases eco Mode.
(6)	Sets/Releases Personal Data Lock.
(8)	Switches View Blind on/off.
(✳)	Activates/Deactivates Public mode (Drive mode).
(#)	Activates/Deactivates Manner Mode.

■**Operations while the FOMA terminal is closed**

Key	Performance
(✕ﾒ)	Activates/Deactivates Manner Mode.

25

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 "使いかたナビ (Guide)". This function is available in Japanese mode only.

1 (MENU) **from the Stand-by display▶LifeKit ▶使いかたナビ (Guide)**

2 Enter a keyword or select a way of searching.
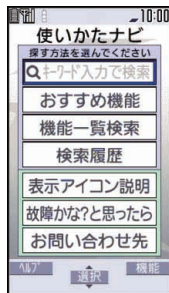
Highlight each item and press (✉) (ヘルプ). The detailed operating methods are displayed.

✣ Character Entry

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

1 Switch between input modes.

Each time you press 📩(　Mode　), input modes are switched.

→ **abc: Alphabet input mode**
↓
123: Numeral input mode
↓
漢: **Kanji/Hiragana input mode**
↓
└ 加: **Katakana input mode**

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
「a→b→c→A→B→C→2」

Numeral input mode
「2」

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

(MENU)(　Pic.　): Enter pictograms.

📷(　Smiley　): Enter smileys.

#(for at least one second): Enter symbols.

✳: 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.

CLR: Clear text.

Basic Operation

27

<Example> Entering "タダの菓子" in a text memo.

1 (MENU) **from the Stand-by display▶Stationery**
▶Text memo
▶Select <Not recorded>.

2 **Enter hiragana characters in Kanji/Hiragana input mode.**

た → **Press** (4) **once and** (O) **once.**

だ → **Press** (4) **once and** (✳) **once.**

の → **Press** (5) **five times.**

か → **Press** (2) **once.**

し → **Press** (3) **twice.**

• When a character on the same key comes after a character such as "あ" and "い", press (O) to move the cursor, and enter the next character.
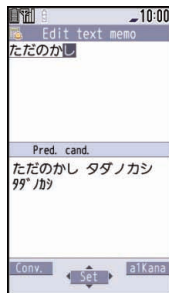
3 **Use** (O) **to move the cursor onto "の".**
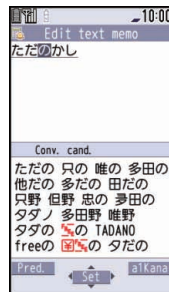
4 **Use** (O) **to move the cursor onto the candidate list▶Use** (O) **to highlight "タダの" and press** (O)**(Select).**
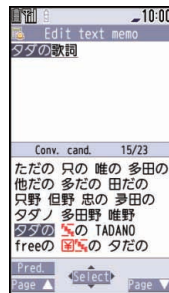
5 **Use** (O) **to move the cursor onto the candidate list▶Use** (O) **to highlight "菓子" and press** (O)**(Select).**

Basic Operation

28

Sound/Screen Setting

Changing Ring Tone

<Example> Changing the ring tone for incoming voice calls

1 (MENU) **from the Stand-by display**
▶**Set./Service**▶**Sound**
▶**Select ring tone**

2 Select "Phone".
- Press (✉)(Play) to check the content actually played back or displayed.
- To set a ring tone for mail messages, videophone calls, and so on, select the corresponding item.

3 Select "Select ring tone".

4 Select a type of ring tone.

5 Select a folder▶**Select a ring tone.**

Adjusting Ring Volume

<Example> Adjusting the ring volume for incoming voice calls

1 (MENU) **from the Stand-by display**
▶**Set./Service**▶**Sound**▶**Ring volume**

2 Select "Phone".
- To adjust ring volume for mail messages, videophone calls, and so on, select the corresponding item.

3 Use (○) **to adjust the volume.**

Setting Vibrator

You can set the vibrator to notify you of incoming calls.
<Example> Setting the vibrator for incoming voice calls

1 (MENU) **from the Stand-by display**
▶**Set./Service**▶**Incoming call**
▶**Vibrator**

2 Select "Phone".
- To set a vibrator for mail messages, videophone calls, and so on, select the corresponding item.

3 Select a pattern.

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 $\boxed{\#}$ for at least one second from the Stand-by display.**

" 💗 " 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. (MENU) from the Stand-by display▶Set./Service ▶Incoming call▶Manner mode set▶Original
2. Set each item.
3. Press (✉)(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

You can silence a Keypad sound for when you press a key.

1 **(MENU) from the Stand-by display**
▶**Set./Service**▶**Sound**▶**Keypad sound**

2 **Select "OFF".**

Changing Display Settings

■Changing Stand-by display

1 **(MENU) from the Stand-by display**
▶**Set./Service**▶**Display**
▶**Display setting**

2 **Select "Stand-by display".**
• To set a display for making/receiving calls, or to change a battery icon, select the menu that corresponds to that item.

3 **Select a type of image.**

4 **Select a folder**▶**Select an image.**

Basic Operation

30

■Changing Display Brightness

You can set Backlight to OFF. Then the display dims, and the key light turns off. You can also set the time that elapses before Power Saver Mode activates.

1 (MENU) **from the Stand-by display**
▶**Set./Service**▶**Display**▶**Backlight**

2 **Select "Lighting"**▶**Select "OFF".**
• When "OFF" is set, "💡" appears.

3 **Enter a time [time to saver (in seconds)].**

Power Saver Mode

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.

■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 $\boxed{8}$ **for at least one second from the Stand-by display.**

"꒱ ꒰" appears on the Stand-by display.

To release
Perform the same operation.

■Changing Main Menu Display

1 (MENU) **from the Stand-by display**
▶(✉)(**Menu set**)

2 **Select a pattern.**

31

■Changing Font Size

You can change font sizes at a time.

1. (MENU) **from the Stand-by display**
   ▶**Set./Service**▶**Display**
   ▶**Font size setting**

2. **Select "Set at one time".**
   • You can also specify a font size for each function such as "Mail" or "Phonebook".

3. **Select a font size.**

■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. (MENU) **from the Stand-by display**
   ▶**Set./Service**▶**Display**▶**Machi-chara**
   ▶**Set to Machi-chara**

2. **Highlight a Machi-chara image and press** (⊠)(　Set　)**.**

Using Kisekae Tool

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

1. (MENU) **from the Stand-by display**
   ▶**Set./Service**▶**Kisekae**

2. **Highlight a Kisekae Tool file and press** (⊠)(Set all)**.**

3. **Select "YES".**
   • Some menu configurations change according to the usage frequency depending on the type of the menu.

Reset Menu Icons to Default

1. (MENU) from the Stand-by display▶(ⓘα)(　FUNC　)
   ▶Reset
2. Enter your Terminal Security Code
   ▶Select "Reset menu screen"▶Select "YES".

Changing Illumination

You can set the pattern of the illuminations such as for incoming calls and talking at a time.

1 (MENU) **from the Stand-by display**
   ▶**Set./Service**▶**Illumination**

2 **Select "All illum. setting".**
   • To set each illumination separately, select a type of illumination.

3 **Select a pattern.**

The indicator lights in the set pattern when a mail message comes in or in other operations.

Checking Missed Calls and New Mail by Tone and Call/Charging Indicator

With the FOMA terminal closed, you can check for missed calls, new mail and others.

1 **Press** $\boxed{\frac{x}{t}}$ **while the FOMA terminal is closed.**

You are notified by the electronic sound and lighting of the Call/Charging indicator.
Double-beep tone:
You have a missed call or new mail.
Triple-beep tone:
You have no missed calls or new mail.

■Checking Missed Calls and New Mail by Voice

A voice message announces that you have a missed call or new mail.

• This function is available in Japanese mode only.

1 (MENU) **from the Stand-by display**
   ▶**設定／サービス (Set./Service)**
   ▶**着信 (Incoming call)**
   ▶**確認機能設定 (Info notice setting)**
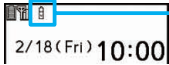
2 **Select "ボイス (Voice)".**

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 $\boxed{5}$ for at least one second from the Stand-by display.

2/18 (Fri) **10:00** " (black)" appears on the Stand-by display.

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 (MENU) from the Stand-by display
 ▶**Set./Service**▶**Other settings**
 ▶**Battery/eco mode set.**
 ▶**eco mode setting**

2 Put a check mark for items to be set.

3 Press ($\boxdot$)(Finish).

■Auto eco Mode Setting

This setting ensures that the mode will be automatically set to the eco Mode when the remaining battery level has dropped below the set level.
"Auto eco mode setting" is set to "ON" in default.

1 (MENU) from the Stand-by display
 ▶**Set./Service**▶**Other settings**
 ▶**Battery/eco mode set.**
 ▶**Auto eco mode setting**

2 Select "ON".

3 Select a battery level.

4 Select "Notification icon ON".

When the "Auto eco mode setting" is set to "ON", " (gray)" will be displayed. When the mobile phone automatically switches to eco Mode, " (black)" will be displayed and " " will be displayed on the desktop.

Lock/Security
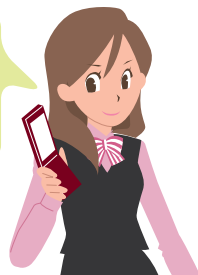
Various Security Codes

■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 selected 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 UIM 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 UIM 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. (MENU) from the Stand-by display▶Set./Service
   ▶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 "ⓘ 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 "ⓘ Menu" → "English" → "Options" → "Change i-mode Password".

■PIN1 Code/PIN2 Code "0000" at the time of your contract

For the UIM, 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 UIM 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 Cost, using the user certificate or applying for the issue of it.

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. (MENU) from the Stand-by display▶Set./Service ▶Lock/Security▶UIM setting
2. Enter your Terminal Security Code ▶Select "Change PIN1 code" or "Change PIN2 code".

• You need to have 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 UIM 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 (MENU) **from the Stand-by display** ▶**Set./Service**▶**Lock/Security** ▶**UIM setting**

2 **Enter your Terminal Security Code** ▶**Select "PIN1 code entry set".**

3 **Select "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.

Lock All	**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. (MENU) from the Stand-by display ▶Set./Service▶Lock/Security ▶Lock all ▶Enter your Terminal Security Code. • To cancel, enter your Terminal Security Code from the Stand-by display.
IC Card Lock	**You can lock the IC card function.** **You cannot use the Osaifu-Keitai, ToruCa download, iC Communication, etc.** 1. Press and hold (MENU) for at least one second from the Stand-by display. • To cancel, perform the same operation and enter your Terminal Security Code.
Omakase Lock	**When you have lost your FOMA terminal or in other cases, you can lock your personal data (such as Phonebook entries) and the IC card function of Osaifu-Keitai 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)
Personal Data Lock	**You can lock functions which utilize personal information such as Phonebook entries or schedule events.** 1. Press and hold (6) for at least one second from the Stand-by display. • To cancel, perform the same operation and enter your Terminal Security Code.
Key Lock	**The keys except (⌢) are disabled.** 1. Press and hold (●) for at least one second from the Stand-by display. • To release, perform the same operation. • Even during Key Lock, you can answer incoming calls by pressing (⌁).

Setting Incoming Call Restriction

■Rejecting Calls without Caller ID

You can set whether to receive (accept) or not to receive (reject) a voice call and videophone call according to the reason for no caller ID. There are three reasons; "Unavailable", "PublicPhone", and "User unset".

1 (MENU) **from the Stand-by display**
  ▶**Set./Service**▶**Lock/Security**
  ▶**Call setting w/o ID**

2 **Enter your Terminal Security Code**
  ▶**Select a reason for no caller ID.**

3 **Select "Accept" or "Reject".**
  • If you select "Accept", you can set a ring tone for incoming calls without caller IDs.

■Rejecting Calls from Numbers not Stored in Phonebook

1 (MENU) **from the Stand-by display**
  ▶**Set./Service**▶**Lock/Security**
  ▶**Reject unknown**

2 **Enter your Terminal Security Code**
  ▶**Select "Accept" or "Reject".**

Resetting to Default

■Resetting the Function Settings to Default

You can reset the items on "Function List", which are indicated by ▯. (See page 86)
  • The items indicated by ▯ might include the functions which do not return to their default settings or state.

1 (MENU) **from the Stand-by display**
  ▶**Set./Service**▶**Other settings**
  ▶**Reset settings**

2 **Enter your Terminal Security Code**
  ▶**Select "YES".**

■Deleting Stored Data at Once

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

1 (MENU) **from the Stand-by display**
  ▶**Set./Service**▶**Other settings**
  ▶**Initialize**

2 **Enter your Terminal Security Code**
  ▶**Select "YES".**

3 **Select "YES".**

Call Telephone

Making a Call/Videophone Call

■Making a Call by Entering the Phone Number

1 **From the Stand-by display, enter a phone number starting with a city code.**

2 **Press $\bigcirc$ to make a call.**
   • To make a videophone call, press $\bigcirc$ ($\boxed{\text{V. phone}}$) instead of $\bigcirc$.

3 **Press $\bigcirc$ to end the call.**

• 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.

You can put a call on hold by pressing $\bigcirc$ ($\boxed{\text{Hold}}$) during a call.
You can release held call by pressing $\bigcirc$ ($\boxed{\text{Answer}}$).

■Making a Call from Phonebook

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

1 **Press $\bigcirc$ from the Stand-by display.**

2 **Select "Name?".**
   Enter the reading of the name from the first character. From the second search, the search-method-selection display does not appear. To show it again, press $\boxed{\text{CLR}}$.
   • You can use another search method such as "Phone number?", and "Mail address?".

3 **Enter a part of the name ▶ $\bigcirc$**
   • If you enter nothing and press $\bigcirc$; then you can display all Phonebook entries.

4 **Select a Phonebook entry.**
   When an entry contains multiple phone numbers, press $\bigcirc$ to select a desired phone number.

5 **Press $\bigcirc$ to make a call.**
   • To make a videophone call, press $\bigcirc$ ($\boxed{\text{V. phone}}$) instead of $\bigcirc$.

■Making a Call with Redial/Received Calls

1 Press ◯ (Redial) or ◯ (Received calls) from the Stand-by display.

2 Select a call record.

3 Press ⌒ to make a call.
• To make a videophone call, press ✉ (V. phone) instead of ⌒.

■Notifying Your Caller ID on the Other Party's Phone

1 (MENU) from the Stand-by display
►Set./Service►NW services
►Caller ID notification

2 Select "Activate/Deactivate".

3 Select "Activate".

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

■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 WORLD CALL.
• When using international carriers other than DOCOMO, contact them.

1 ◯(for at least one second) from the Stand-by display►Enter numbers in order of country/area code→area code (city code)→destination phone number.
• When the area code (city code) begins with "0", enter the area code without "0". However, include "0" when making a call to some countries or regions such as Italy.

2 Press ⌒.
• Press 📷 (V. phone) to make a videophone call.

3 Select "Dial".

• 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.

The ring tone sounds and the Call/Charging indicator lights.

2 Press ⌒ to answer 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.

3 Press ⌢ to end the call.

Adjusting Earpiece Volume

1 Press ⊙ during a voice call.

• During a videophone call, you can adjust the volume also by pressing ⊙.

2 Press ⊙ to adjust the earpiece volume.

When You cannot Answer a Call

■Activate Record Message

By activating 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 (MENU) from the Stand-by display▶LifeKit ▶Rec.msg/voice memo ▶Record message setting

2 Select "ON".

3 Select an answer message ▶Enter a ring time (seconds).

When a voice or video message is recorded as Record Message, the notification icon like "🔲 Msg" or "📘 Msg" appears in the Stand-by display. Select "🔲 Msg" or "📘 Msg" icon to play either the voice or video message.

■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 place where you should refrain from speaking on the phone. Then the call is disconnected.

1 **Press and hold $\boxed{\ast}$ for at least one second, from the Stand-by display.**

" 🚗 " appears on the Stand-by display.
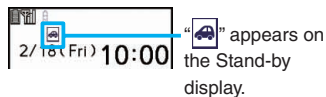
To deactivate
Perform the same operation.

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), the guidance is played back when receiving a call while the power is off, telling that you cannot answer the call as you are currently in a place where the power should be turned off (hospital, airplane, around priority seat in a train, etc.). Then the call is disconnected.

1 **Enter $\boxed{\ast}\boxed{2}\boxed{5}\boxed{2}\boxed{5}\boxed{1}$ from the Stand-by display.**

2 **Press $\boxed{\curvearrowright}$.**

To deactivate
1. Enter $\boxed{\ast}\boxed{2}\boxed{5}\boxed{2}\boxed{5}\boxed{0}$ from the Stand-by display.
2. Press $\boxed{\curvearrowright}$.

Using Various Network Services

■Network services available

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

- **The network services are not available when you are out of the service area or out of reach of radio waves.**
- **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.**

Service	Application	Monthly fee	Service	Application	Monthly fee
Voice Mail Service	Required	Charged	English Guidance	Not required	Free
Call Waiting Service	Required	Charged	Multi Number	Required	Charged
Call Forwarding Service	Required	Free	2in1	Required	Charged
Nuisance Call Blocking Service	Not required	Free	Public mode (Drive mode)	Not required	Free
Caller ID Notification Service	Not required	Free	Public mode (Power off)	Not required	Free
Caller ID Display Request Service	Not required	Free	OFFICEED	Required	Charged
Dual Network Service	Required	Charged	Melody Call	Required	Charged

- **"OFFICEED" is a pay service that is available on a subscription basis.**
  For details, refer to the DOCOMO corporate service website (in Japanese only).
  http://www.docomo.biz/html/service/officeed/
- **"Deactivate" does not mean that the contract for Voice Mail Service, Call Forwarding Service or other services is canceled.**
- **When new network services are provided by DOCOMO, you can add them as menus.**
- **The outlines of the each network service in this manual are described along with the menus of the FOMA terminal.**

Connect

43

■Using Voice Mail Service

1 (MENU) **from the Stand-by display**
▶**Set./Service**▶**NW services**
▶**Voice mail**

To activate the service

1. Select "Activate"▶Select "YES".
- You can also specify a ring time.

To play back the message

1. Select "Play messages"▶Select "Play (voice call)"
   or "Play (videophone)"▶Select "YES".
2. Operate following the voice guidance.
- The display for selecting "Play (voice call)" or "Play
  (videophone)" does not appear when only either
  type of message is recorded.

■Using Call Waiting Service

1 (MENU) **from the Stand-by display**
▶**Set./Service**▶**NW services**
▶**Call waiting**

To activate the service

1. Select "Activate"▶Select "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 (MENU) **from the Stand-by display**
▶**Set./Service**▶**NW services**
▶**Call forwarding**

To activate the service

1. Select "Activate"▶Select "Activate"
   ▶Select "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 available within the service area of 3G network and GSM/GPRS 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:**
  - **・"海外ご利用ガイド (Overseas use guide)" pre-installed in "My documents" in Data Box**
  - **・"Mobile Phone User's Guide [International Services]"**
  - **・DOCOMO International Services website**
    ※"海外ご利用ガイド (Overseas use guide)" is available in Japanese only.
- **For the country/area codes, international call access codes, and international prefix numbers for the universal number, 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

Communication Service	3G	GSM	GPRS
Voice call※1	○	○	○
Videophone call※1	○	—	—
SMS※2	○	○	○
i-mode※3	○	—	○
i-mode mail	○	—	○
i-Channel※3※4	○	—	○
i-concier※5	○	—	○
Packet communication by connecting with a personal computer	○	—	○

○: Available　－: Not 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 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.

- Some services are not available depending on the overseas carrier or network. For connectable countries, regions, and overseas carriers, refer to "Mobile Phone User's Guide [International Services]" or the DOCOMO International Services website.

Connect

■Making a Call to Outside the Country You Stay in

1 **O** **(for at least one second) from the Stand-by display▶Enter numbers in order of country/area code→area code (city code)→destination phone number.**
- Enter "81" as a country/area code when you make an international call to Japan.
- When the area code (city code) begins with "0", enter the area code without "0". However, include "0" when making a call to some countries or regions such as Italy.

2 **Press** **⌒** **to make a call.**
- Press **📷**(V. phone) to make a videophone call.

■Making a Call in Country You Stay

1 **From the Stand-by display enter a phone number.**

2 **Press** **⌒** **to make a call.**
- Press **📷**(V. phone) 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 less than 2 Mbytes 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] FOMA version".

1 **📩 from the Stand-by display**
▶📩(New)

2 **Enter each item.**

Enter a destination (mail address).
Enter a subject.
Select a file such as an image.
Enter text.
Operate Auto Deco-mail.
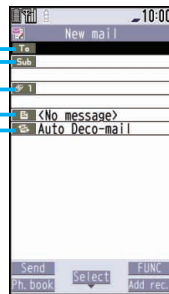
3 **Press** **📩(Send).**

4 **Select "OK".**

Sending Deco-mail

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

1 ✉ **from the Stand-by display**
▶✉(　New　)

• You can also select "Template" to create Deco-mail.

2 **Enter an address and subject.**

3 **Select the text field**
▶(ⓘα)(　FUNC　)
▶**Decorate mail**
▶**Select one of decorations from the palette**▶**Enter text**
▶◉(　Set　)

Palette

4 **Press** ✉(　Send　)**.**

5 **Select "OK".**
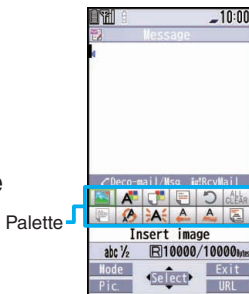
Sending Decome-Anime

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

1 ✉ **from the Stand-by display**
▶**Create new Decome-Anime**

2 **Enter an address and subject.**

3 **Select the text field**
▶**Select "Phone"**
▶**Highlight a Decome-Anime template and press** ✉(NewMail)**.**

4 **Edit characters and images**
▶✉(Finish)

5 **Press** ✉(　Send　)**.**

6 **Select "OK".**

Displaying Received i-mode Mail

1 ✉ from the Stand-by display ▶Inbox

2 Select a folder.

3 Select an i-mode mail message.
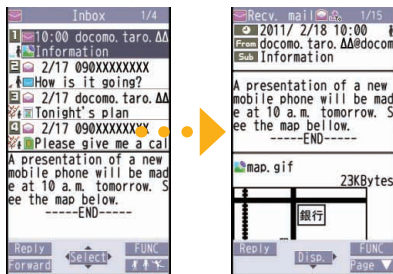
When you receive an i-mode mail message,
"✉" appears on the Stand-by display.

■Replying to i-mode Mail

1 Press ✉(Reply) while an i-mode mail
is displayed.

2 Enter each item.

3 Press ✉(Send).

4 Select "OK".

Forwarding i-mode Mail

1. ✜(FUNC) while an i-mode mail is displayed
   ▶Reply/forward▶Forward
2. Enter each item.
3. Press ✉(Send).
4. Select "OK".

■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 from the Stand-by display.**

When you receive an i-mode mail message or Message R/F, the following display appears.

Number of messages

Select an item to show the display for selecting a message.

■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 (ᵢα)(FUNC)▶Sort ▶Auto-sort**

2 **Select "Address sort".**

3 **Select "Look-up address" ▶Select "Phonebook".**

4 **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 for Area Mail sounds.

The received content of some messages is automatically displayed. To erase the displayed content, press ⬤.

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

Area Mail
is received

■Setting Area Mail

1 📧 **from the Stand-by display**
  ▶**Area Mail settings**

2 **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 📧 **from the Stand-by display**
  ▶**Compose SMS**

2 **Enter each item.**

New SMS

Enter a phone number. —
Enter text. —

<No message>

Send   Select   FUNC
Ph. book

3 **Press 📧(Send).**
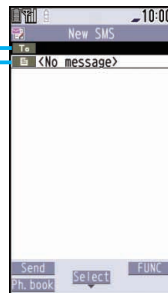
4 **Select "OK".**

■Displaying Received SMS Message

1 ✉ **from the Stand-by display** ▶ **Inbox**

2 **Select a folder.**

3 **Select an SMS message.**

When you receive an SMS message, "📩" appears on the Stand-by display.

✤ **Phonebook**

Storing Phonebook Entries

■Storing New Phone Numbers/Mail Addresses, etc.

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

1 **Press and hold ⓞ for at least one second from the Stand-by display.**

2 **Select "Phone".**
The display for entering a name appears. Enter a name and proceed.

When storing entries onto the UIM Phonebook
Select "UIM".

3 **Enter each item.**

Enter a name. ——
Enter a reading. ——

Enter a phone number. ——
Enter a mail address. ——

Add to phonebook
Basic item | Settings
N DOCOMO Taro
R DOCOMOTaro
⬛ ⟨Group⟩
☎ ⟨Phone number⟩
✉ ⟨Mail address⟩
⬛ ⟨Address⟩
🎂 ⟨Birthday⟩
⬛ ⟨Memo⟩
🖼 ⟨Image⟩
№ 010

4 **Press ✉(Finish).**

Connect
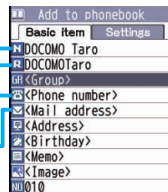
■ Storing Phonebook Entries from Redial/Received Call

1 Press ⊙(Redial) or ⊙(Received calls) from the Stand-by display.

2 Highlight a call record and press (ⅰα)(FUNC)
▶Select "Add to phonebook".

3 Select "Phone"▶Select "New".

4 Enter each item.

5 Press (✉)(Finish).

> Register a birthday to the Phonebook to have it shown on Schedule.

Editing Phonebook Entries

1 ⊙ from the Stand-by display
▶Search and select a Phonebook entry.

2 (MENU)(Edit)
▶Select an item to be edited
▶Edit the contents.

3 Press (✉)(Finish).

4 Select "YES".

Deleting Phonebook Entries

1 ⊙ from the Stand-by display
▶Search and select a Phonebook entry.

2 (ⅰα)(FUNC)▶Select "Delete data".

3 Select "This phonebook".

4 Select "YES".

🍀 **i-mode/Full Browser**

Displaying i-mode Sites

i-mode is a service that enables you, by using the display of the FOMA terminal supporting i-mode (i-mode phone), 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] FOMA version".
- 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 (📠) from the Stand-by display.

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

- While you are online, "➡" blinks.
- 🅱 Menu is available in English. Select "English" from the display on the right.
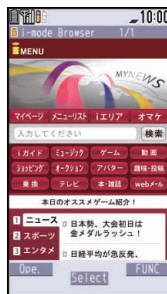
■**Before using i-mode**

- 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 i-mode phone, 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 UIM with another one or turn on the power without UIM, depending on the FOMA terminal, 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 memos, and Messages R/F depending on the model.
- 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 UIM, the settings return to default if you replace it with new one or turn on the power without UIM.

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] FOMA version".
- You can browse Internet websites composed of frames. You can select a frame to display it as well.

1 (MENU) **from the Stand-by display**
▶**i-mode**▶**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 (🔊α)(**FUNC**) **while the website is displayed by i-mode**▶**Full Browser**
▶**Switch to FB**

2 **Select "YES".**

To switch from Full Browser to i-mode
1. (🔊α)(**FUNC**) while the website is displayed by Full Browser▶i-mode Browser
▶i-modeBRWSR Switch

Viewing and Operating Sites

Operations on site viewing display

Scroll display/Move highlighted/
Move the pointer: ⊙

Select an item (link): ⊙ (Select)

Return to previous page: (MENU) (Back)

Forward to next page: (📷ᵀᵛ) (Next)

Mute/Release mute:
(CLR)(for at least one second)

"⊕" appears while accessing by Full Browser.

Pointer
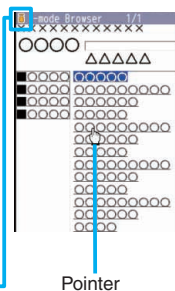
Storing Frequently Accessed Sites

Bookmark websites or i-mode sites you frequently visit to get easy access to them.

1. (ĩℝ)(FUNC) while the site is displayed ▶Bookmark▶Add bookmark

2. Select "YES"▶Select a destination folder.

To access a site stored in Bookmark
1. (MENU) from the Stand-by display▶i-mode▶Bookmark
2. 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. (ĩℝ)(FUNC) while the site is displayed ▶Screen memo▶Save screen memo

2. Select "Phone"▶Select "YES" ▶Select a destination folder.

To display a saved screen memo
1. (MENU) from the Stand-by display▶i-mode ▶Screen memo
2. Select "i-mode Browser" or "Full Browser".
3. Select a folder▶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 the i-Channel key.

Further, two types of channels, "Basic channel" provided by DOCOMO and "Okonomi (Optional) channel" provided by IPs (Information Providers) are available. You are not charged a packet communication fee for auto-updates of "Basic channel" information.

You are charged a packet communication fee for auto-updates of "Okonomi (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 "Basic channel" and "Okonomi (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] FOMA version".**
- **The i-Channel service is provided in Japanese only.**

■Displaying i-Channel

1 Press ⟨○⟩ from the Stand-by display.

2/18(Fri) 10:00

明日の天気：東京☀最高⟨

Ticker

東京 きょう ☀☁
最高25℃ ↓20%
午後ほど夏の暑さ
外出には紫外線対策を
ロンドン各地にゾウのオブ
...急速無料化実験 交通量？
サッカー日本代表が帰国
世界V10へ ○○選手が
きびつじ座：全体運★★★
鏡を使うほどにラッキー↑
○○○○・○○○○主演
ヒット曲から最新曲まで！
○○○○というモンスタ
○○○からたくさんのく
名前の頭文字が示す、地震
...○○○○○が新作品の

Select   FUNC
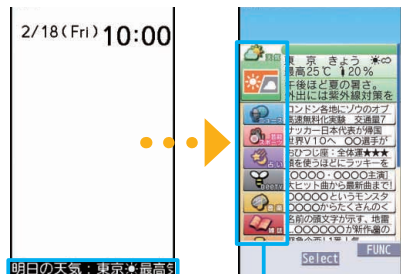
Select each channel to browse its detailed information.

※The display is for reference. The actual one may differ.

You can change font size for ticker by following the steps described below;
1. (MENU) from the Stand-by display
   ▶i-mode▶i-Channel
2. Select "Ticker font size set.".
3. Select an item.

Search

57

Camera

Viewing and Operating Finder Display

Menu

You can check the settings.

Select photo mode
iA : intelligent Auto

Image size setting
: WVGA (480×854)

Image quality setting
FINE : Super Fine

Store in
: Phone (Camera)

Key guidance

The key operation guide is displayed.
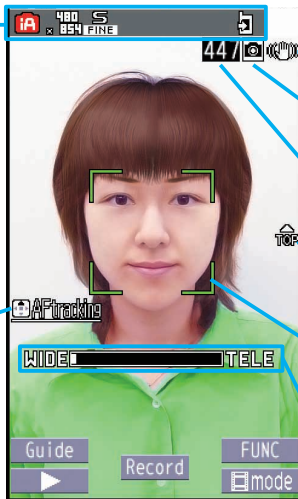
Image stabilizer
: Auto

Continuous setting
: 1 image

Number of recordable image

Shows the number of remaining recordable still images.

Top icon

Shows the vertical direction for shooting.

Focus frame

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

Zoom bar

The zooming status is displayed.

For Digicam mode

Operations for shooting

Shutter/Save: (○)

Zoom: (○)(TELE)/(○)(WIDE)

Focus function: (○) or (✳)

Change camera-mode: (📷)

• 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.

Shooting Still Images/Moving Pictures

■Shooting Still Images (Digicam Mode)

You can shoot still images within the sizes from Stand-by (240 x 428) to 5M (1944 x 2592).

1 Press (📷) from the Stand-by display.

2 Press (●)(Record).

3 Press (●)(Save).

Shooting Still Images (Photo Mode)

You can shoot still images within the sizes from Sub-QCIF (128 x 96) to WVGA (480 x 854).

1. (📷) from the Stand-by display ▶ (ᵢ℞)(FUNC)
   ▶ Camera-mode ▶ Photo mode ▶ (●)(Record)
   ▶ (●)(Save)

■Shooting Moving Pictures

You can shoot moving pictures within the sizes from Sub-QCIF (128 x 96) to VGA (640 x 480).

1 (📷) from the Stand-by display ▶ (📷)(🗐mode)

2 Start recording by pressing (●)(Record)
   ▶ End the recording by pressing (●)(Stop).

3 Press (●)(Save).

Viewing Still Images/Moving Pictures after Shooting

The still image you shot is saved to "My picture" in Data Box. The shot moving picture is saved to " 🗟 motion/Movie" in Data Box.
The still image/moving picture can be set for the Stand-by display or other displays.

1 (MENU) from the Stand-by display
   ▶ Data box
   ▶ My picture or 🗟 motion/Movie

2 Select the "Camera"
   ▶ Select a still image or moving picture.

Picture Album

The faces detected on the still images you have shot can be enlarged. You can also modify the slant of the still images which were shot obliquely. You can also play expressive slide shows with the effect function.

1. (MENU) from the Stand-by display ▶ Data box
   ▶ My picture ▶ Picture album
2. Select the "Camera" ▶ Select a still image.
 • You can display the still images in Picture Album also by pressing (MENU)(▶) from the Finder display in the Digicam Mode or Photo Mode.

Enjoy

59

Shooting in Various Ways

■Continuous Shooting Still Images

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

1 $(\text{≣}α)(\boxed{\text{FUNC}})$ **from the Finder display for Digicam Mode▶Cont. set.**
   ▶Continuous

2 Press $(\bigcirc)(\boxed{\text{Record}})$.

3 **Highlight a still image to be saved and press $(\bigcirc)(\boxed{\text{Save}})$.**
   • You can save all the shot images by pressing $(\boxdot)(\boxed{\text{STO all}})$.

■Shooting Still Images Using Auto Shutter

The camera automatically shoots identifying the number of faces and the distance between faces by face recognition.
<Example> Using "Group shutter" to shoot a group of three persons

1 $(\text{≣}α)(\boxed{\text{FUNC}})$ **from the Finder display for Digicam Mode▶Auto shutter**

2 **Select "Group shutter".**

3 **Select "Three".**
   When the faces of three persons are recognized, the self timer works, and about three seconds later an image of the group is shot.

4 Press $(\bigcirc)(\boxed{\text{Save}})$.

> When you select "Love shutter", the camera automatically shoots identifying the distance between two faces.

Enjoy

60

✿ 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**

The reception conditions might be improved by moving your FOMA terminal away from or close to you, or by moving yourself to another place.

■**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. In addition, when the battery level becomes low while you are watching or recording a 1Seg program, the battery alert tone sounds.

 • **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 the terrestrial digital TV broadcasting service area.

1 (MENU) **from the Stand-by display▶1Seg**
 ▶Channel setting
   ▶Auto channel setting

2 **Select "YES".**

3 **Select "YES"▶Enter a title.**

To execute Channel Setting by selecting an area
1. (MENU) from the Stand-by display▶1Seg
   ▶Channel setting▶Select area
2. Select an area▶Select a prefecture.
3. Select "YES".

Watching 1Seg

1 **Press and hold (📷) for at least one second from the Stand-by display.**
1Seg starts and the viewer display appears.

In Manner Mode, a confirmation display appears asking whether you want to play audio.

62

Viewing and Operating Viewer Display

Displayed while you are watching a 1Seg program

Video being recorded

Program Information (outline)

Video

Switch Visual Image/Caption

カモメと海

●REC

ONV.img **ON**Caption

Caption

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

Data Broadcasting

Airwave Reception Level (estimate)

Strong　　Weak

" ☒ " appears out of the broadcasting area.

Operation Mode

📺 : Video Mode

📺 : Data Broadcasting Mode

Sound Volume

Displayed while receiving caption information

Displayed while setting 1Seg op-free auto off

Channel (Remote-control number)
When a broadcasting station is broadcasting multiple services (programs), "Viewing service number/Number of all services" is also displayed.

The operation on the viewer display

Channel switch: ◯

Switch TV/data BC: (MENU)

Sound volume adjustment: ◯

Switch display directions/Switch to full display: (📷)

Video recording: (for at least one second)

• The recorded video is saved on the microSD card.

Enjoy

63

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, watching or recording starts.

1 (MENU) **from the Stand-by display▶1Seg**

2 **Select "TV timer list" or "Timer recording list".**

3 **Press** (✉)(**New**).

4 **Enter each item.**

5 **Press** (✉)(**Finish**).

Playing Recorded Video

1 (MENU) **from the Stand-by display ▶Data box▶1Seg**

2 **Select "Video"▶Select a file.**

While playing the video, press (📷) to switch to horizontal display to make images appear enlarged.

Music

Music&Video Channel

Music&Video Channel is a service which automatically delivers up to about one-hour programs at night just by selecting your favorite music programs etc. in advance. Further, you can enjoy high-quality video program of up to about 30 minutes. Programs are updated periodically and you can enjoy the delivered programs at any time such as on commuting.

■**Before using Music&Video Channel**
- **Music&Video Channel is a pay service that is available on a subscription basis. (To apply for Music&Video Channel, you need to subscribe to i-mode and i-mode packet flat-rate service.)**
- **In addition to the service fee for using Music&Video Channel, you might be charged separately an information fee depending on the program.**
- **If you insert the UIM to the Music&Video Channel incompatible FOMA terminal after you subscribe to Music&Video Channel, you cannot use Music&Video Channel Service. Note that the service fee applies unless you cancel the Music&Video Channel subscription.**
- **You cannot set or download programs during international roaming**※**. Take procedures to halt the distribution of programs before going abroad. Then, after homecoming, resume the reception of distribution.**
  ※**When you try to set or download programs during international roaming, note that you are charged a packet communication fee for i-mode communication.**
- **For details on Music&Video Channel, refer to "Mobile Phone User's Guide [i-mode] FOMA version".**
- **The Music&Video Channel service is provided in Japanese only.**

Setting Programs

1 (MENU) **from the Stand-by display**▶**MUSIC**
▶**Music&Video Channel**▶**Set program**

2 Follow the instructions on the display to set a program.

The program automatically downloads at night.

Playing Programs

1 (MENU) **from the Stand-by display**▶**MUSIC**
▶**Music&Video Channel**

2 Select a program.

Operation while playing back a Music&Video Channel program
Halt: (✉)(▮▮)
Pause: (●)(▮▮)
Sound volume adjustment: (◎)
Search (fast forward):
Press and hold (◎)
Search (fast rewind): Press and hold (◎)

Downloading Chaku-uta Full® Music Files

You can download Chaku-uta Full® music files from sites.

1 **Select a Chaku-uta Full® music file from a downloadable site.**

2 **Select "Save"▶Select "YES".**

3 **Select a destination folder.**

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

■**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 Windows Media® Audio (WMA) files you saved on the microSD card using your personal computer.

1 **(MENU) from the Stand-by display▶MUSIC ▶MUSIC Player**

2 **Select "All tracks"▶Select a music file.**

Jacket image

Title

Artist name

Playback time/
Total playback time

Sound volume

Operations of MUSIC Player display

Halt: (✉)(▮▮▮▮)
Pause: (●)(▮▮▮▮)
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-αppli" is a software program for i-mode mobile phones. 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.

- The packet communication fee for overseas use differs from the one for domestic use.
- For details on i-αppli, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

Starting i-αppli

1 **Press and hold (ⓘα) for at least one second from the Stand-by display.**

2 **Select a software program.**

Downloading i-αppli from Sites

1 **Select a software program from a downloadable site.**

2 **Select "OK" when downloading ends.**

3 **Select "YES".**

- You can delete the pre-installed i-αppli programs except for the "ケータイTOOL＜辞書＞ (KEITAI TOOL Dictionary)". You can re-download deleted programs from the "P-SQUARE" site.
  You can download not only i-αppli programs but also the pre-installed Chara-den images, Machi-chara images, Kisekae Tool files, templates, dictionaries, and Deco-mail pictograms from the "P-SQUARE" site (in Japanese only).
  ⅰMenu→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)" and "ハイパー四川省 (Hyper Sichuan)": the end of September, 2014
  ・"モバイルGoogleマップ (Google Map for Mobile)": the end of November, 2013
  The services such as re-downloading might 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.

- For a movie file, select "YES".

2 Select "Save"▶Select "YES".

- For an i-motion file, select a destination folder.

Playing i-motion/Movie

1 (MENU) from the Stand-by display ▶Data box▶ ⑧ motion/Movie

2 Select a folder ▶Select an i-motion file or a movie file.

Osaifu-Keitai

Osaifu-Keitai/ToruCa

Osaifu-Keitai is equipped with the IC card which enables you to make payments, use coupons, enjoy stamp rallies and so on by placing the FOMA terminal over the scanning device in the stores or other locations. Furthermore, by placing the FOMA terminal over a scanning device, you can access sites and web pages, obtain the latest coupons by communication, and check the deposits of electronic money and the status of its use. Security of the card is well established so that you can use it carefree. ToruCa is an electronic card that you can receive with Osaifu-Keitai for use as fliers, restaurant cards, and coupon tickets. You can download ToruCa files from scanning devices, sites, or data broadcasting, and can easily exchange them using mail, infrared communication, iC communication, or a microSD card. The downloaded ToruCa files are saved to "ToruCa" on "Osaifu-Keitai". For details on Osaifu-Keitai and ToruCa, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

- **Data on the IC card (including electronic money, reward points, etc.) might be lost or deformed owing to the malfunction of the FOMA terminal. (You cannot deposit your FOMA terminal at our hand for repair, remaining data files on it. You are asked, as a rule, to delete them by yourself.) As to the support such as reissue, restoration, temporal storage, and transfer of data, consult the provider of your Osaifu-Keitai compatible service, except for the transfer by the iC transfer service. For your important data, be sure to use the service with backup support.**
- **In any case including malfunction or model change, we cannot be held responsible for the loss or deformation of data on the IC card or other losses caused regarding Osaifu-Keitai compatible services.**
- **When your FOMA terminal is stolen or lost, immediately inquire of the provider of your Osaifu-Keitai compatible service about the countermeasures.**
- **Even when the power is turned off or the battery runs out, the "Osaifu-Keitai" function is available by holding the ⤵ mark over the scanning device. The function may not be available, however, if you do not use the battery pack for a long time or leave the battery uncharged after the battery alert activates.**

1 Place the ⤵ mark over a scanning device.

The Call/Charging indicator lights when you bring your FOMA terminal close to the scanning device and communication becomes ready.

Place the ⤵ mark over a scanning device.
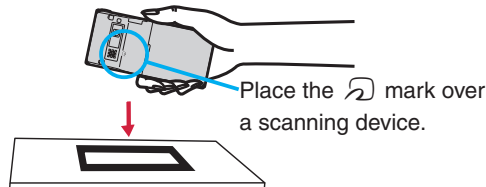
✿ i-concier

"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, Schedule, ToruCa, Phonebook, etc.) and sends you information, with good timing, about a variety of things according to your living area, your current location, or your preference or taste. This service automatically updates schedule events or ToruCa files to the latest ones, and automatically adds useful information such as about the opening period 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] FOMA version".**
- **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, ToruCa, and Phonebook.**
- **i-concier is available in Japanese only.**

Receiving Information

1 **When information arrives, 📧 blinks and the content is displayed on the Stand-by display.**

2/18（Fri）10:00

渋滞情報をお届けしました
（2/18 10:00）
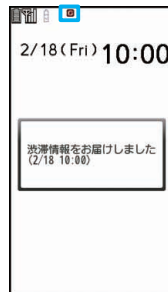
2 **Select a message.**

Displaying i-concier

1 **(MENU) from the Stand-by display ▶i-concier**

2 **Select a piece of information.**

Convenient Tools

Using Schedule

1 **(MENU) from the Stand-by display**▶**Stationery**▶**Schedule**

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

2 **(⇄)(FUNC)**▶**Select "New".**
You can store a new schedule event.

3 **Enter each item.**
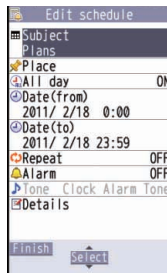
4 **Press (☒)(Finish).**

Using Alarm

1 **(MENU) from the Stand-by display**▶**Stationery**▶**Alarm**

2 **Highlight an alarm and press (☒)(Edit).**

3 **Enter each item.**
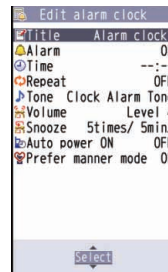
4 **Press (☒)(Finish).**

• The alarm does not sound in Public mode (Drive mode), Lock All, Personal Data 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.

Guide frame
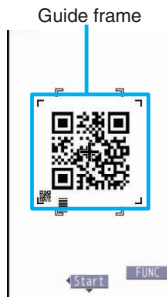
■QR code

QR code is one of the 2-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 (MENU) **from the Stand-by display▶LifeKit ▶Bar code reader**

2 **Select "Scan code".**

3 **Fit a code to the guide frame and press** (○)**.**

The subject is focused on by autofocus function.

4 **Press** (●)**(** Start **) to scan the code.**

A URL is displayed as a scanned result.

5 **Select the URL ▶Select "i-mode Browser" ▶Select "YES".**

❖ Data Management

Using microSD Card

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

• P-01C supports a commercial microSD card of up to 2 Gbytes and microSDHC card of up to 16 Gbytes (As of September 2010).

For the latest operation check information such as the memory capacity and manufacturers of microSD cards, access the following sites (in Japanese only). Note that the microSD cards other than published in the sites might not correctly work.

· From i-mode to P-SQUARE (As of September 2010)
🔲 **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

1 To open the cover of the microSD card slot, turn it in the direction arrow.
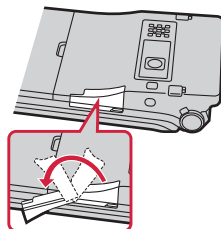
2 With the metal terminal surface facing downward, make sure that the cut edge is positioned at right and then insert.
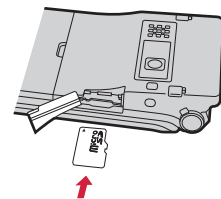
• Push it until it clicks.

3 Close the cover of the microSD card slot.

When you remove the microSD card
Push the microSD card until it stops and remove it.

Formatting microSD Card

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

• Be sure to use P-01C 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 (MENU) **from the Stand-by display▶LifeKit ▶microSD▶Refer microSD data ▶(ⓘα)(FUNC)▶microSD format**

2 **Enter your Terminal Security Code ▶Select "YES".**

■ Copying Data to microSD Card

<Example> Copying a still image

1 (MENU) **from the Stand-by display**
▶**Data box**▶**My picture**
▶**Select a folder.**

2 **Highlight a still image to be copied and press** (📧)(▐ FUNC ▐)
▶**Select "Copy to microSD"**
▶**Select "Copy this".**

■ Copying Data to FOMA Terminal

<Example> Copying a still image

1 (MENU) **from the Stand-by display**
▶**Data box**▶**My picture**▶(MENU)(▐microSD▐)
▶**Select a folder.**

2 **Highlight a still image to be copied and press** (📧)(▐ FUNC ▐)
▶**Select "Copy to phone"**
▶**Select "Copy this".**

■ Displaying Data Stored on microSD Card

<Example> Displaying a still image

1 (MENU) **from the Stand-by display**
▶**Data box**▶**My picture**▶(MENU)(▐microSD▐)

2 **Select a folder**▶**Select an image.**

Check Capacity of microSD Card

You can check the used and unused memory space (estimate) on the microSD card.
1. (MENU) from the Stand-by display▶LifeKit▶microSD
   ▶Refer microSD data
2. (📧)(▐ FUNC ▐)▶Select "microSD info".

■Backing up Data to microSD Card

You can back up Phonebook entries, schedule events, ToDo items, messages, text 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 (MENU) **from the Stand-by display▶LifeKit ▶microSD▶Backup/Restore ▶Backup to microSD**

2 **Enter your Terminal Security Code ▶Select "YES".**

To restore backup data to FOMA terminal
1. (MENU) from the Stand-by display▶LifeKit▶microSD ▶Backup/Restore▶Restore to phone
2. Enter your Terminal Security Code▶Select "YES".

Sending/Receiving Data by Infrared Communication/iC Communication

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

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

Within ±15° from the center

Infrared data port

Within about 20 cm

<Infrared communication>

Face one another's marks 🔁.

<iC communication>
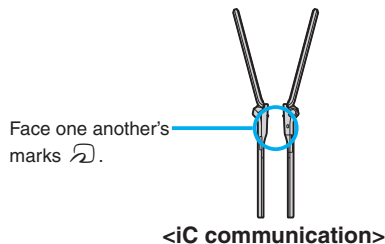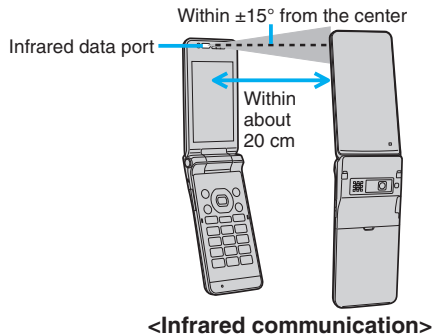
■Sending Data

• For infrared communications, set the receiving end terminal first, and then start sending data within 30 seconds.

1 **Function menu of the data to be sent▶Select "Send Ir data" or "iC transmission".**

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

2 **Select "YES".**

■Receiving Data by Infrared Communication

1 **(MENU) from the Stand-by display▶LifeKit▶Receive Ir data▶Receive**

2 **Select "YES".**

■Receiving Data by iC Communication

1 **Face the 🔁 mark of the receiving end terminal which shows the Stand-by display, to the 🔁 mark of the sending end terminal.**

2 **Select "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 01/02 (option) or FOMA USB Cable (option).

• To perform data communication, you need to install the "FOMA communication configuration file" (driver) on the CD-ROM provided.
  For details, refer to the "Manual for PC Connection" on the CD-ROM provided.

✿ Support

Troubleshooting

- **First of all, check to see if you need to update the software program and then update it if necessary. See page 82 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 17)
⋯ Make sure the battery is fully charged. (See page 18)

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 17)
⋯ Make sure the power plug of the adapter is securely inserted into the outlet or cigarette lighter socket.
⋯ Make sure the adapter and the FOMA terminal are connected correctly. (See page 18)
⋯ When you use an AC adapter (option), make sure its connector is firmly connected to the FOMA terminal or a desktop holder (option). (See page 18)
⋯ 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 18)

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.

Others

78

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 Lock All is deactivated. (See page 37)
···Make sure Key Lock is deactivated. (See page 37)
···Make sure Side Keys Guard is set to "OFF".

The UIM is not recognized.

···Make sure you insert the UIM in the correct direction. (See page 17)

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 ON" has been selected as the clock setting 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 Keypad Dial Lock is deactivated.
···Make sure Restrict Dialing is deactivated.
···Make sure Lock All is deactivated. (See page 37)
···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 UIM. (See page 17, page 19)

···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 Acceptance, 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.

Osaifu-Keitai

Cannot use Osaifu-Keitai function.

···If you remove the battery pack or activate Omakase Lock, the IC card function becomes unavailable regardless of the setting of IC Card Lock. (See page 17, page 37)

···Make sure IC Card Lock is deactivated. (See page 37)

···Make sure you place the 𝒟 mark on the FOMA terminal over the scanning device. (See page 69)

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 "使いかたナビ (Guide)" mounted on the FOMA terminal. ("使いかたナビ (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 and Total Calls Duration, 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
- 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.

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: 🔲 Menu→お知らせ (News)
  →サポート情報 (Support information)
  →お問い合わせ (Inquiries)
  →故障・電波状況お問い合わせ先 (Failures & Radio wave condition)
  →iモード故障診断 (i-mode Fault Diagnosis)

QR code for accessing the site

- When you access from 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 ⓘ 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, forward calls or operate Record Message 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.**
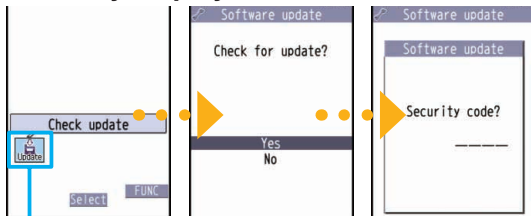
Update notification icon

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".**

- 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.
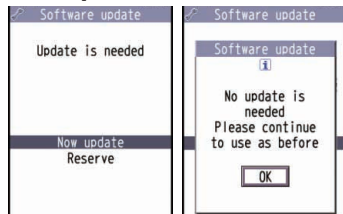
■Start Software Update from Menu

1 **(MENU) from the Stand-by display** **►Set./Service►Other settings** **►Software update**

2 **Enter your Terminal Security Code** **►Select "Update".**
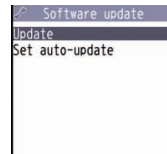
3 **Go to step 2 of "Start Software Update from Icon" on page 83.**

Others

83

Check Harmful Data

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.

• The virus pattern data installed on the FOMA terminal differs in content by every model. Note that we at DOCOMO might stop distributing the virus pattern data for models on market for last three years since their release.

Update pattern data

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

(MENU) from the Stand-by display▶Set./Service▶Lock/Security▶Scanning function▶Update▶YES▶YES▶OK

About displays for scanning results

■**About the display for scanned problem elements**

Following problems were detected   Other XXXX
XXXXXXXX
XXXXXXXX
XXXXXXXX
XXXXXXXX
XXXXXXXX
XXXXXXXX

A warning display appears when problematic data is found. Select "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	Alert level 1	Alert level 2	Alert level 3	Alert level 4
Operation may not run properly [OK] [Detail]	Operation may not run properly Cancel operation? [YES] [NO] [Detail]	Operation may not run properly Canceling operation [OK] [Detail]	Operation may not run properly Delete data? [YES] [NO] [Detail]	Operation may not run properly Deleting data [OK] [Detail]
OK ..... Continues the operation.	YES ... Stops and ends the operation. NO ..... Continues the operation.	OK ..... Stops and ends the operation.	YES ... Deletes the data and ends the operation. NO ..... Stops and ends the operation.	OK ..... Deletes the data and ends the operation.

• The alert displays for displaying i-mode mail messages or SMS messages may differ from those at left.

Introduction of 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 P17
· Back Cover P46
· 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
· FOMA Dry Battery Adapter 01
· Desktop Holder P44
· FOMA USB Cable with Charge Function 01/02[2]
· FOMA USB Cable[2]
· FOMA Indoor Booster Antenna[3]
· FOMA Indoor Booster Antenna (Stand Type)[3]
· Carry Case S 01
· Carry Case 02

· In-Car Holder 01
· Earphone/Microphone 01
· Stereo Earphone Set 01
· Earphone/Microphone with Switch P001/P002[4]
· Flat-plug Earphone/Microphone with Switch P01/P02[5]
· Flat-plug Stereo Earphone Set P01[5]
· Earphone Plug Adapter P001[5]
· Earphone Plug Adapter for External connector terminal 01
· Earphone Plug Adapter 01
· Flat-plug Connector/Stereo Mini-jack Conversion Adapter P01[5]
· Bone conduction microphone/receiver 01[5]
· In-Car Hands-Free Kit 01[6]
· FOMA In-Car Hands-Free Cable 01

[1] See page 18 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] Earphone Plug Adapter P001 and Earphone Plug Adapter for External connector terminal 01 are required.
[5] Earphone Plug Adapter for External connector terminal 01 is required.
[6] To use/charge the P-01C, FOMA In-Car Hands-Free Cable 01 is required.

Others

❖ Appendix

Function List

Execute "Resetting the Function Settings to Default" on page 38 for the items indicated by [ ] to return to the respective defaults.

Mail		
Inbox		
Outbox		
Draft		
Compose message		
Create new Decome-Anime		
Template	Deco-mail	
	Decome-Anime	
Check new messages		
Compose SMS		
Check new SMS		
Receive option		
Mail settings	Scroll	
	Font size setting	
	Mail list display	
	Message display	
	Mail security	
	Secret mail display	
	Auto color label	
	Pred. conv. at reply	
	Header/signature	
	Set check new messages	
	Auto-display	
	Receiving display	

Mail		
Mail settings	Receive option setting	
	Attachment preference	
	Auto-start attachment	
	Address/Spam Mail set.	
	Feel＊Mail	
	Auto save setting	
	Text predict	
	Auto Deco-mail setting	
	Check settings	
SMS settings	SMS report request	
	SMS validity period	
	SMS input character	
	SMS center setting	
Area Mail settings	Receive setting	
	Beep time	
	Manner/Public mode set	
	Check ring tone	
	Other menu	

i-mode		
⊟ Menu　🔍 Search		
Bookmark		
Screen memo	i-mode Browser	
	Full Browser	
Last URL		
Enter URL		
i-Channel	Channel list	
	Ticker ON/OFF	
	Ticker font size set.	
	Ticker color set.	
	Ticker scroll speed	
	Reset i-Channel	

i-mode	Post blog		
	i-mode settings	i-mode Browser set.	
		Full Browser set.	
		Common settings	
		Check settings	
		Reset i-mode setting	
	Full Browser Home		

i-αppli	Software list (phone)		
	ⓢαppli (microSD)	Software list	
		ⓢαppli data	
	ⓢαppli info	End stand-by info	
		Security error history	
		Auto start info	
		Trace info	
	ⓢαppli settings	Auto start setting	
		Disp. software info	
		ⓢαppli volume	
		Preferred tone	
		αBacklight	
		αPower saver	
		αVibrator	
		Check settings	

Set./Service	Sound	Select ring tone ((MENU)13)	
		Ring volume ((MENU)50)	
		Keypad sound ((MENU)30)	
		Melody effect ((MENU)64)	
		Headset usage setting ((MENU)51)	
		Mail/Msg. ring time ((MENU)68)	
		Charge sound	
	Display	Display setting ((MENU)56)	
		Backlight ((MENU)70)	
		View blind	
		Color theme setting ((MENU)86)	
		Machi-chara	
		Menu icon setting ((MENU)57)	
		Private menu setting ((MENU)52)	
		Desktop icon ((MENU)63)	
		Font ((MENU)66)	
		Font size setting	
		Select language ((MENU)15)	
		Recv. mail/call at open	
		Image quality	
		LCD AI	
		Icons ((MENU)36)	
	Illumination	All illum. setting	
		Incoming illumination ((MENU)89)	
		Illumination in talk	
		Missed/unread illum.	
		Music&Video Ch illum.	
		Illum. when closed	

Others

Others

Set./Service		
Illumination	Hourly illumination	
	MUSIC illumination	
	IC card illumination	
	Check settings	
Kisekae		
i-concier	Information disp. set.	
Lock/Security	Self mode	
	Lock all	
	Personal data lock	
	IC card lock	
	Secret mode ((MENU)40)	
	Secret data only ((MENU)41)	
	Secret recv. call	
	Keypad dial lock	
	Reject unknown	
	Call setting w/o ID ((MENU)10)	
	Change security code ((MENU)29)	
	UIM setting	
	Scanning function	
	Lock setting	
Call time/cost	Call data ((MENU)61)	
	Reset total cost&dura. ((MENU)60)	
	Notice call cost	
	CLR max cost icon	
Clock	Set time ((MENU)31)	
	World time watch	
	Summer time	
	Auto power ON/OFF	
	Alarm setting	
Incoming call	Vibrator ((MENU)54)	
	Manner mode set ((MENU)20)	

Set./Service		
Incoming call	Answer setting ((MENU)58)	
	Setting when opened	
	Record display set	
	Disp. PH-book image	
	Set call/receive No.	
	Ring time ((MENU)90)	
	Info notice setting ((MENU)65)	
	V.phone while packet	
	Auto call/answer set.	
	Melody Call setting	
Talk	Volume	
	Setting when closed ((MENU)18)	
	Hold tone setting	
	Shikkari Talk	
	Noise reduction ((MENU)76)	
	Quality alarm ((MENU)75)	
	Reconnect signal ((MENU)77)	
Videophone	Visual preference	
	Select image	
	Hands-free w/ V.phone	
	Voice call auto redial	
	Notify switchable mode	
	Reject videophone	
Network setting	Prefix setting	
	Femtocell setting	
NW services	Caller ID notification ((MENU)17)	
	Voice mail	
	Call waiting	
	Call forwarding	
	Nuis. call blocking	
	Caller ID request	

Set./Service	**NW services**	2in1 setting
		Multi number
		Arrival call act
		Set in-call arrival act
		Remote access
		Dual network
		English guidance
		Overseas NW search
		Overseas setting
		Overseas service
		Additional service
		Contact DOCOMO
		OFFICEED
		Chaku-moji
	Other settings	Side keys guard
		✈ long press set.
		Character input method (MENU 35)
		Battery/eco mode set.
		Pause dial (MENU 84)
		Sub-address setting
		Headset mic. setting
		Voice settings
		USB mode setting
		Check settings
		Reset settings (MENU 23)
		Initialize
		Software update

Data box	My picture (MENU 46)	
	MUSIC	
	Music&Video Channel	
	ⓘ motion/Movie	
	Melody (MENU 16)	
	My documents	
	Kisekae Tool	
	Machi-chara	
	Chara-den	
	1Seg	Image
		Video
		Position memory
	Document viewer	
	Font	
	SD other files	

LifeKit	Bar code reader	Scan code
		Saved data
	Receive Ir data (⊕79)	Receive
		Receive all
	microSD	Refer microSD data
		Backup/Restore
	Camera	Digicam mode
		Photo mode
		Movie mode
		View photos
		View movies
	Rec. msg/voice memo (⊕55)	Play/Erase msg.
		Play/Erase VP msg.
		Record message setting
		Voice memo
		Voice announce
	Voice recorder	
	Data Security Service	Check/How to update
		Exchanging history
		PB image sending
		Backup PB etc./update
		Backup set./update
		Backup images
	FOMA Environment Check	
	Guide	
i-concier		

Phonebook	Add to phonebook	Phone
		UIM
	Search phonebook	Reading?
		Group?
		Memory No.?
		Name?
		Phone number?
		Mail address?
		2-touch dial?
	UIM operation	Copy
		Delete
	Dialed/recv. calls (⊕24)	Dialed calls
		Received calls
	Own number (⊕0)	
	Group setting	
	Restrictions	Restrict dialing
		Call rejection
		Call acceptance
		Call forwarding
		Voice mail
	Phonebook settings (⊕26)	Font size setting
		Voice dial setting
		Mail group
		Forwarding image
	No. of phonebook	

Stationery		
Alarm ((MENU)44)		
Schedule ((MENU)45)		
ToDo ((MENU)95)		
Text memo ((MENU)42)		
Calculator ((MENU)85)		
Dictionary		
Phrase/own dict. ((MENU)38)	**Common phrases**	
	Own dictionary	
	Download dictionary	
	Create learned wd list	

MUSIC	
MUSIC Player	
Music&Video Channel	

1Seg		
Activate 1Seg		
Program guide		
TV timer list		
Timer recording list		
Recording result		
TVlink		
Channel list		
Channel setting	Select area	
	Auto channel setting	
User settings	Display/operation	
	Video	
	Display light	
	Sound effect	
	Recording	
	Data broadcasting	
	Energy saving setting	

1Seg		
User settings	Reset channel setting	
	Reset storage area	
	Reset TV settings	
	Check TV settings	

Osaifu-Keitai		
IC card content		
DCMX		
ToruCa		
IC card lock set.	**IC card lock**	
	IC lock (power-off)	
Settings	ToruCa from IC card	
	Auto reading ToruCa	
	Recv. ToruCa display	
	ToruCa from 1Seg	
	Check same ToruCa	
Check IC owner		
Change IC owner		
Search by i-mode		

Others	
Redial	
Public mode (Drive mode)	
Manner mode	
eco mode	
Videophone	
Character input	

Main Specifications

■**Handset**

Model			P-01C
Dimensions (when closed)			Height: Approx. 111 mm Width: Approx. 50 mm Depth: Approx. 10.4 mm (at thickest point: Approx. 15.6 mm)
Weight (with the battery pack attached)			Approx. 108 g
Continuous standby time	FOMA/ 3G	3G/GSM setting [3G]	In motion: Approx. 280 hours
		3G/GSM setting [Auto]	Standstill: Approx. 420 hours In motion: Approx. 270 hours
	GSM	3G/GSM setting [Auto]	Standstill: Approx. 190 hours
Continuous talk time	FOMA/3G		Voice call : Approx. 140 minutes Videophone call: Approx. 110 minutes
	GSM		Voice call: Approx. 180 minutes
1Seg watching time			Approx. 320 minutes (in 1Seg eco Mode: Approx. 360 minutes)
Charging time			AC adapter: Approx. 100 minutes DC adapter: Approx. 100 minutes
Display	Type		TFT 262,144 colors
	Size		Approx. 3.0 inches
	Number of pixels		102,480 pixels (240 dots x 427 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. 2,100 max. (default)
	Number of still images for continuous shooting	For Digicam Mode in Continuous setting VGA: 8　　　　　Square (small): 8 Stand-by: 8 For Continuous Mode VGA: 4　　　　　QVGA: 5 to 10 QCIF: 5 to 20　　Sub-QCIF: 5 to 20
Music playback	Continuous playback time※2	SD-Audio file (supports Play Background): Approx. 4,900 minutes※3 Chaku-uta Full® music file (supports Play Background): Approx. 4,300 minutes※3 i-motion file (including Chaku-uta® music file): Approx. 1,000 minutes※3 WMA file (supports Play Background): Approx. 3,700 minutes Music&Video Channel program (supports Play Background) Sound　　　　: Approx. 4,300 minutes Moving picture: Approx. 300 minutes
Memory capacity	Chaku-uta® Chaku-uta Full®	Approx. 66 Mbytes (default)※4

"Chaku-uta" is a registered trademark of Sony Music Entertainment Inc.
※1: Image size: QVGA (320 x 240), Image quality: Normal, File size: 25 Kbytes
※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, font files, ToruCa files, and i-αppli programs.

■**Battery pack**

Name of product	Battery Pack P17
Battery type	Li-ion (lithium ion) battery
Voltage	3.7 V
Capacity	600 mAh

■**Specifications of shooting**

<Still image>

File format (Extension)	JPEG (jpg)
The number of files that can be saved to P-01C	Approx. 2,100 max. ※1※2
The number of files that can be saved to the microSD card (2 Gbytes)	Approx. 61,466 max. ※2

<Movie>

File format (Extension)	MP4, ASF (3gp, asf)
Recordable time to P-01C	Approx. 497 seconds max. ※1※3
Recordable time to the microSD card (2 Gbytes)	Approx. 180 minutes max. ※4

<Zoom (Digital)>

Digicam	Level of zoom	21 levels
	The maximum magnifications	Approx. 6.0 times
Photo	Level of zoom	21 levels
	The maximum magnifications	Approx. 10.1 times
Movie	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 "Image size: QVGA (320 x 240), Image quality: Normal, File size: 25 Kbytes".
※3 Maximum recording duration per shot that can be saved to the main unit under the conditions of "Image size: Sub-QCIF (128 x 96), File size setting: Mail restriction (L), Image quality: Normal, Movie type set: Normal".
※4 Maximum recording duration per shot that can be saved to the microSD card (2 Gbytes) under the conditions of "Image size: Sub-QCIF (128 x 96), File size setting: Long time, Image quality: Normal, Movie type set: Normal".

■**Recordable time of 1Seg**

Maximum (total) recordable time to the microSD card (2 Gbytes)	Approx. 640 minutes
Maximum (total) recordable time to the microSDHC card (16 Gbytes)	Approx. 5,120 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 Gbytes under SD-VIDEO specifications.

■**Number of savable/registerable items in FOMA terminal**

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

※1 Includes pre-installed data.
※2 The number of savable/registerable items may decrease depending on the data volume.

Specific Absorption Rate (SAR) of Mobile Phone

■SAR Certification Information

This model P-01C 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 0.720 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 present scientific information does not indicate that there are harmful effects attributed to the use of mobile devices. They recommend that if you are worried about your exposure then you can limit your usage or simply use a hands-free kit to keep the mobile device away from the head and body.

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

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

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

Ministry of Internal Affairs and Communications Website:
http://www.tele.soumu.go.jp/e/sys/ele/index.htm
Association of Radio Industries and Businesses Website:
http://www.arib-emf.org/index02.html (In Japanese only)
NTT DOCOMO, INC. Website:
http://www.nttdocomo.co.jp/english/product/sar/
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 September, 2010)

■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 was 0.369 W/kg. While there may be differences between the SAR* levels of various phones and at various positions, they all meet*** the EU requirements for RF exposure.

*   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

$C \in 0168$

The product "P-01C" 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-01C handset, Battery Pack and FOMA AC Adapter 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.

Others

95

■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 0.496 W/kg, and when worn on the body in a holster or carry case, is 0.495 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 UCE210032A.

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.

* 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 15 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.

For other Medical Devices:
Please consult your physician and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

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

■Copyrights and Portrait Rights

You have no right to copy, modify, or distribute the contents such as text, images, music, or software programs downloaded from websites on the Internet, or images shot by the cameras of this product without permission from the copyright holder except for when the copy or quote is for personal use that is allowed by the copyright law.
Note that it may be prohibited to shoot or record live performances or exhibitions even for personal use. Make sure that you refrain from shooting portraits of other persons and distributing such portraits over the Internet without consent, as this violates portrait rights.

■Trademarks

- "FOMA", "i-mode", "i-αppli", "i-motion", "Deco-mail", "Chara-den", "ToruCa", "WORLD CALL", "DCMX", "i-area", "WORLD WING", "OFFICEED", "2in1", "docomo SMART series", and the logos of "FOMA", "i-mode", "i-αppli", and "Music&Video Channel" are trademarks or registered trademarks of NTT DOCOMO, INC.

- "Catch Phone (Call waiting service)" is a registered trademark of Nippon Telegraph and Telephone Corporation.
- McAfee® is registered trademarks or trademarks of McAfee, Inc. and/or its affiliates in the US and/or other countries.
- G-GUIDE, G-GUIDE MOBILE and their logos are registered trademarks in Japan of U.S. Gemstar-TV Guide International, Inc. and/or its affiliates.
- QuickTime is a registered trademark of Apple Inc., in the US and other countries.
- Microsoft®, Windows®, and Windows Vista® are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries.
- Windows Media® is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

- Powered by JBlend™ Copyright 2002-2010 Aplix Corporation. All rights reserved.
  JBlend and JBlend-related trademarks are trademarks or registered trademarks of Aplix Corporation in Japan and other countries.
- ⚡ is a registered trademark of FeliCa Networks, Inc.
- microSDHC Logo is a tramemark of SD-3C, LLC.

- "Multitask" is a registered trademark of NEC Corporation.

- QR code is a registered trademark of Denso Wave Inc.
- "One-push Open™" is trademark of Panasonic Corporation.
- Google and Google Map for Mobile are trademarks of Google Inc.
- Java and all Java based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.
- Powered by Mascot Capsule®/Micro3D Edition™ Mascot Capsule® is a trademark of HI CORPORATION.

- Other company names and product names described in the text are trademarks or registered trademarks of those companies.

■Others

- This product contains NetFront Browser, NetFront Document Viewer and NetFront Sync Client of ACCESS CO., LTD. ACCESS, the ACCESS logo, and NetFront are registered trademarks or trademarks of ACCESS CO., LTD. in the United States, Japan and/or other countries.
  Copyright © 2010 ACCESS CO., LTD. All rights reserved.
  This software is based in part on the work of the Independent JPEG Group.
- IrFront is a trademark or registered trademark of ACCESS CO., LTD. in Japan and other countries.
  The IrDA Feature Trademark is owned by the Infrared Data Association and used under license therefrom.
- Contains Adobe® Flash® Lite® and Adobe Reader® Mobile technology by Adobe Systems Incorporated. Adobe Flash Lite Copyright © 2003-2010 Adobe Systems Incorporated. All rights reserved.
  Adobe Reader Mobile Copyright © 1993-2010 Adobe Systems Incorporated. All rights reserved.
  Adobe, Adobe Reader, Flash, and Flash Lite are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

- FeliCa is a contactless IC card technology developed by Sony Corporation. FeliCa is a registered trademark of Sony Corporation.
- This product contains software licensed complying with GNU General Public License (GPL), GNU Lesser General Public License (LGPL), etc.
  For more details, see "readme.txt" in the "GPL・LGPL等について" folder on the bundled CD-ROM. ("readme.txt" is only available in Japanese version.)
- iWnn of OMRON SOFTWARE Co., Ltd. is used for conversion methods for Japanese language.
  iWnn © OMRON SOFTWARE Co., Ltd. 2008-2010 All Rights Reserved.
- "Text Profiler" is trademark of OMRON Corporation.
- MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.
- This product is licensed under the MPEG-4 patent portfolio license, AVC patent portfolio license and VC-1 patent portfolio license for the personal and non-commercial use of a consumer to
  (i) encode video in compliance with the MPEG-4 Visual Standard, AVC Standard and VC-1 Standard ("MPEG-4/AVC/VC-1 Video") and/or
  (ii) decode MPEG-4/AVC/VC-1 Video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a licensed video provider licensed to provide MPEG-4/AVC/VC-1 Video.
  No license is granted or implied for any other use.
  Additional information may be obtained from MPEG LA, L.L.C.
  See http://www.mpegla.com.
- Copyright 2001 Seiko Epson Corporation. All Rights Reserved.
  PRINT Image Matching is a trademark of Seiko Epson Corporation.
  The PRINT Image Matching logo is a trademark of Seiko Epson Corporation.
- This product is manufactured or sold under license from InterDigital Technology Corporation.
- The abbreviations used for respective operating systems (Japanese version) in this manual are as shown below:
  Windows 7 is the abbreviation of Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise, and Ultimate).
  Windows Vista is the abbreviation of Windows Vista® (Home Basic, Home Premium, Business, Enterprise, and Ultimate).
  Windows XP is the abbreviation of Microsoft® Windows® XP Professional operating system or Microsoft® Windows® XP Home Edition operating system.
- This product is protected by certain intellectual property rights of Microsoft Corporation and third parties. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary and third parties.
- This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.

- Content providers are using the digital rights management technology for Windows Media contained in this device ("WM-DRM") to protect the integrity of their content ("Secure Content") so that their intellectual property, including copyright, in such content is not misappropriated. This device uses WM-DRM Software to play Secure Content ("WM-DRM Software"). If the security of the WM-DRM Software in this device has been compromised, owners of Secure Content ("Secure Content Owners") may request that Microsoft revoke the WM-DRM Software's right to acquire new licenses to copy, display and/or play Secure Content. Revocation does not alter the WM-DRM Software's ability to play unprotected content. A list of Revoked WM-DRM Software is sent to your device whenever you download a license for Secure Content from the Internet or from a PC. Microsoft may, in conjunction with such license, also download revocation lists onto your device on behalf of Secure Content Owners.
- "ケータイTOOL<辞書> (KEITAI TOOL <Dictionary>)" pre-installed in this product uses "English-Japanese/Japanese-English/Japanese dictionaries of Gakken Education Publishing Co., Ltd.".

✤ Index

Others

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 **(Respective applications/procedures)**

- "お客様サポート (User support)" and My docomo are available in Japanese only.
- You will need your "network ID" 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 ID" 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 "使いかたナビ (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。

To carry out the protection of environment and the reuse of precious resources, we at mobile phone and PHS carriers collect your disused mobile phones, batteries, or chargers for recycling to a shop having this mark, regardless of brand names or makers. Kindly take your disused ones to a docomo Shop nearby.

P-01C

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-01C, and installing "FOMA communication configuration file"/"DOCOMO Connection Manager" within the CD-ROM 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.
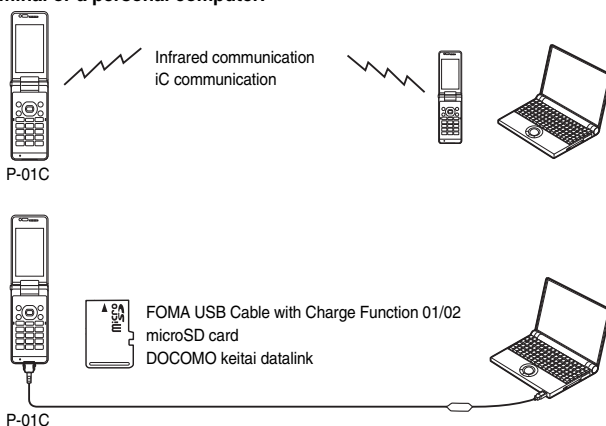
Infrared communication
iC communication

P-01C

FOMA USB Cable with Charge Function 01/02
microSD card
DOCOMO keitai datalink

P-01C

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 settings after connecting the FOMA terminal to a personal computer via the FOMA USB Cable with Charge Function 01/02 (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 such as DOCOMO's PDA "sigmarion Ⅲ".
- 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 01/02 (option), you can execute communication.
To use this service, connect to 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.

1

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.

- ●You cannot connect to the DoPa access point.
- ●For the service contents and connection method of "mopera", refer to the "mopera" website (in Japanese only):
  http://www.mopera.net/mopera/index.html

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.

About access authentication for using browser

To use the FirstPass supporting site from a browser on your personal computer, you need to have FirstPass (user certificate) for access to authentication. Download the FirstPass PC software from the DOCOMO website, and then install it and establish the settings on your personal computer.
For details, refer to the DOCOMO website.

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 01/02 (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 01/02 (option): USB port (Universal Serial Bus Specification Rev1.1/2.0※ compliant) ※This FOMA terminal does not support "USB2.0 High-Speed". Display resolution 800 x 600 dots, high color 16 bits or more recommended. ●For DOCOMO Connection Manager, display resolution 1024 x 768 dots or more recommended.
OS	Windows 7 32-bit version/64-bit version (Japanese version) Windows Vista 32-bit version/64-bit version (Japanese version) Windows XP (Japanese version)
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.
● The recommended environment that the Menu operates is Microsoft® Internet Explorer 7.0 or later.※ When the Menu does not appear after you set the CD-ROM, operate as follows:
   <For Windows 7 or Windows Vista>
   Refer to the CD-ROM from "コンピュータ (Computer)", then double-click "index.html".
   <For Windows XP>
   Refer to the CD-ROM from "マイコンピュータ (My computer)", then double-click "index.html".
   ※For Windows XP, the recommended environment is Microsoft® Internet Explorer 6.0 or later.

■**When you set the CD-ROM on your personal computer**
An alert message might appear on the display. This alert message appears depending on the security settings of Internet Explorer, but you can proceed without problems.
Click "はい (Yes)".

Necessary Devices

The following hardware and software are required besides the FOMA terminal and personal computer:
· **FOMA USB Cable with Charge Function 01/02 (option) or FOMA USB Cable (option)**
· **Provided "P-01C CD-ROM"**

Information
● Use a dedicated FOMA USB Cable with Charge Function 01/02 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 01/02 (option), install the FOMA communication configuration file.

Download or install the "FOMA communication configuration file" (driver). (See page 6)
● Install the FOMA communication configuration file from the provided CD-ROM, or download it 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.

Download or install the "FOMA communication configuration file" (driver). (P.6)
● Install the FOMA communication configuration file from the provided CD-ROM, or download it from the DOCOMO website and install.

Connect a personal computer to the FOMA terminal using the FOMA USB Cable with Charge Function 01/02 (option).

Check the setting after installation. (P.7)
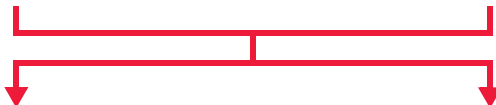
Install "DOCOMO Connection Manager". (P.11)

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

Connect. (P.15, P.30)

■**Provided "P-01C CD-ROM"**
When performing packet communication by connecting the FOMA terminal to your personal computer via the FOMA USB Cable with Charge Function 01/02, install the "FOMA communication configuration file" (driver) from the provided "P-01C CD-ROM" onto the personal computer. You are advised to install "DOCOMO Connection Manager" which enables you to easily set up the APN or dial-up for communication.

4

Connecting PC and the FOMA Terminal

The following steps explain how to connect the FOMA USB Cable with Charge Function 01/02 (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 01/02 until it clicks.**

Connector terminal

External connector
(Face up the engraved surface of the connector for insertion)

FOMA terminal

USB connector

Personal computer

USB terminal

FOMA USB Cable with Charge Function 01/02
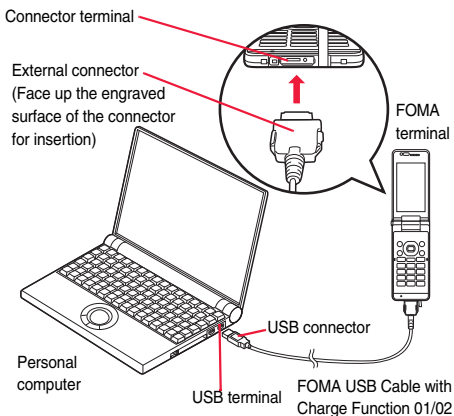
2 **Connect the USB connector of the FOMA USB Cable with Charge Function 01/02 to the USB terminal of the personal computer.**

Information

- Set "USB mode setting" to "Communication mode" for data communication.
  Operate "(MENU)▶Set./Service▶Other settings▶USB mode setting▶Communication mode".
- Do not forcibly insert the FOMA USB Cable with Charge Function 01/02. 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 01/02. (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 01/02, straight pull out the connector.**
2. **Pull out the FOMA USB Cable with Charge Function 01/02 from the USB terminal of the personal computer.**

Release buttons
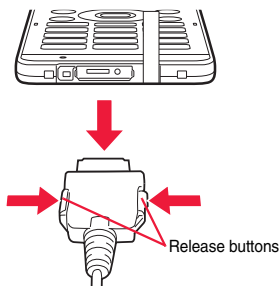
Information

- Do not disconnect the FOMA USB Cable with Charge Function 01/02 forcibly. Malfunction may result.
- Do not disconnect the FOMA USB Cable with Charge Function 01/02 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 01/02 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 01/02 (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 **Start Windows, then set the provided "P-01C CD-ROM" into the personal computer.**

2 **Click "データリンクソフト・各種設定ソフト (Data link software/Setup software)".**

   ● If this display appears during installation of the "FOMA communication configuration file" (driver), close the display.
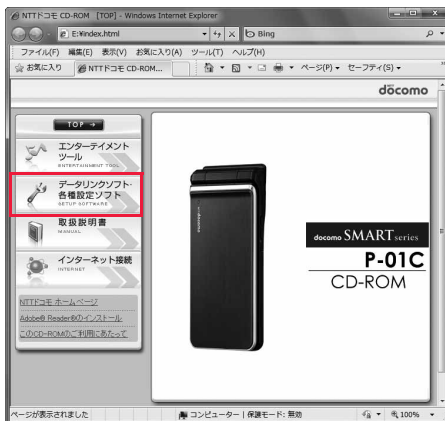
3 **Click "インストール (Install)" under "FOMA通信設定ファイル（USBドライバ）[FOMA communication configuration file (USB driver)]".**
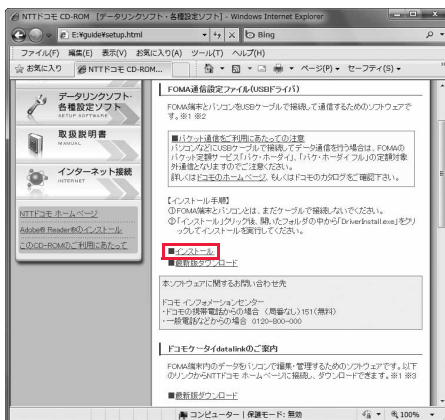
4 **Double click "DriverInstall.exe" in opened folder, and click "はい (Yes)".**

   ● For Windows Vista, click "続行 (Continue)" instead of "はい (Yes)".
   ● For Windows XP, the user account control display does not appear.

6
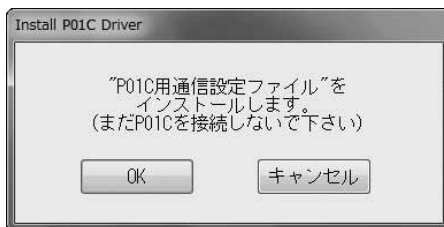
5 **Click "OK".**

6 **Turn on the FOMA terminal's power, then connect the FOMA terminal to the personal computer using the FOMA USB Cable with Charge Function 01/02. (See page 5)**

Installation starts.

7 **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 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 SMART series P-01C"**
►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.

7
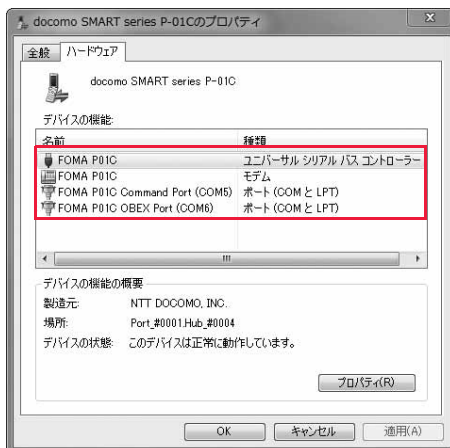
1 "⊞ [スタート (Start)]"▶Open "コントロールパネル (Control panel)" ▶Open "システムとメンテナンス (System and maintenance)".

<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.
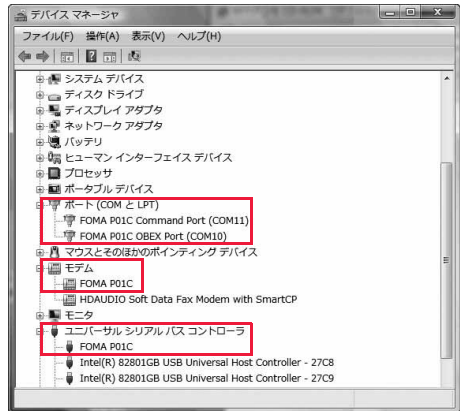
The following drivers are installed by installation of the "FOMA communication configuration file" (driver):

Device name	FOMA communication configuration file (driver) name
ポート (COMとLPT) [Port (COM/LPT)]	· FOMA P01C Command Port · FOMA P01C OBEX Port
モデム (Modem)	· FOMA P01C
<For Windows 7, 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 P01C

8

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 01/02 (option), disconnect the FOMA USB Cable with Charge Function 01/02.**

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 P01C USB" 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 P01C USB" 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 01/02 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 "P01C_un.exe"※ on "P-01C CD-ROM" to delete the "FOMA communication configuration file" (driver), and then install the files again.
　※Execute "P01C_un.exe" in the following folders:
　　Windows 7 32-bit version: "P01C_USB_Driver" → "Win7_32"
　　Windows 7 64-bit version: "P01C_USB_Driver" → "Win7_64"
　　Windows Vista 32-bit version: "P01C_USB_Driver" → "WinVista32"
　　Windows Vista 64-bit version: "P01C_USB_Driver" → "WinVista64"
　　Windows XP: "P01C_USB_Driver" → "Win_XP"

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.

It is not displayed in initial setting. For details, refer to "ヘルプ (help)" of "DOCOMO Connection Manager".

Charge counter

Connect/Disconnect button
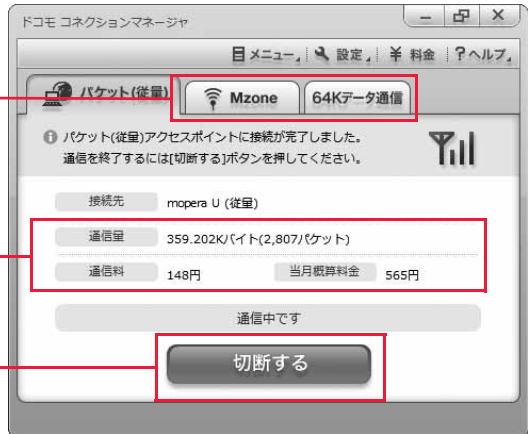
This manual explains how to install "DOCOMO Connection Manager".
To access the Internet by using a terminal, you need to contract with a Internet service provider (such as "mopera U") which supports the service and data communication.
For details, refer to the DOCOMO website.

■**When Using Volume Charging Data Communication (including i-mode packet flat-rate service, etc.)**
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 this 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".

■**When Using Flat-Rate Data Plan**
To use the flat-rate data plan, you need to apply for a billing plan which supports flat-rate data communication and sign a contract with the Internet service provider. For details, refer to the DOCOMO website.

■**When Using "mopera"**
For details on method of connection and setting, refer to the "mopera" website (in Japanese only):
http://www.mopera.net/mopera/support/index.html

10

Before Installing DOCOMO Connection Manager

Installation Flow

STEP

1 Prepare the FOMA terminal and the FOMA USB Cable with Charge Function 01/02 (option) or the FOMA USB Cable (option).

STEP

2 Check the service contents and the contract contents with Internet service provider.

STEP

3 When a connection software program other than "DOCOMO Connection Manager" is installed, set it not to start automatically.

● See page 11 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)".
2. Select the "接続 (Connection)" tab and select "ダイヤルしない (Not to dial)".
3. Click "OK".

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 Mzone (DOCOMO public wireless LAN service) with this software program, uninstall the following public wireless LAN connection software programs.

　※You cannot use Mzone 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).

● Operate as the user who has the PC administrator right.

● End all the running application programs.

  End the programs resident on Windows including anti-virus software.

  (Example) Right click the icon appears on the task tray, and select "閉じる (Close)" or "終了 (Exit)"

1 Set the provided "P-01C CD-ROM" into your personal computer.

2 Click "インターネット接続 (Internet connection)".

● If this display appears during installation of "DOCOMO Connection Manager", close the display.

3 Click "インストール (Install)" of 操作③ (Operation ③) in "本CD-ROMからのFOMAデータ通信の設定方法 (How to set data communication of FOMA with this CD-ROM)"

► Click "実行 (Run)"

► 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.
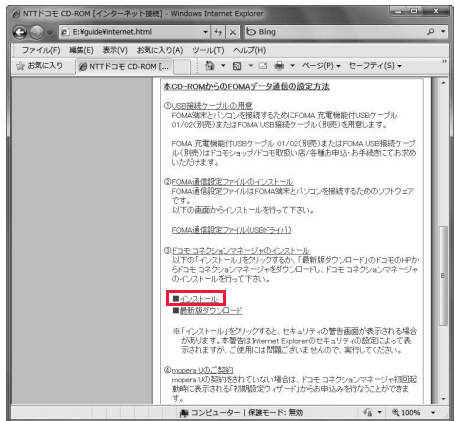
When MSXML6 and Wireless LAN API are not installed on the Windows XP environment, you need to install them before installing "DOCOMO Connection Manager". When a confirmation display appears, click "Install" and install MSXML6/Wireless LAN API. When you restart Windows after installation of MSXML6/Wireless LAN API is completed, installation of "DOCOMO Connection Manager" automatically starts.

12
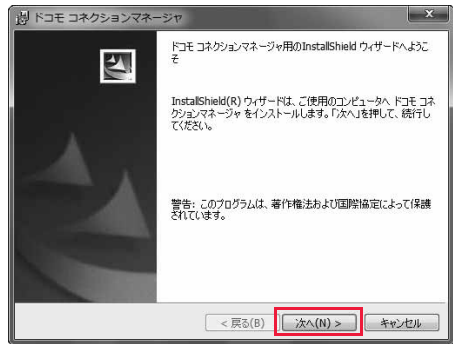
4 Click "次へ (Next)".

5 Confirm the display precautions and click "次へ (Next)".
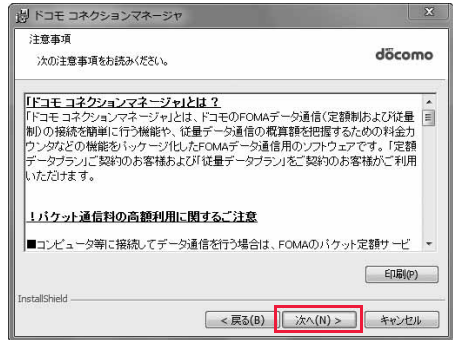
6 Confirm the licensing contract contents. If you agree with the contents, select "使用許諾契約の条項に同意します (Agree with the licensing contract contents)" and click "次へ (Next)".
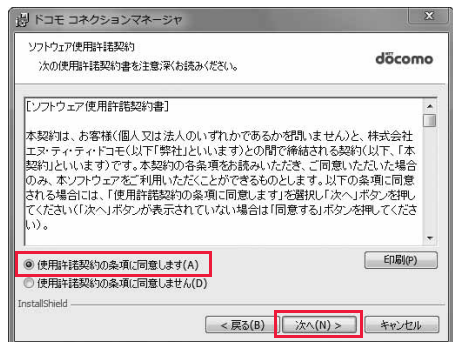
7 Confirm the installation destination folder, then click "次へ (Next)".

13
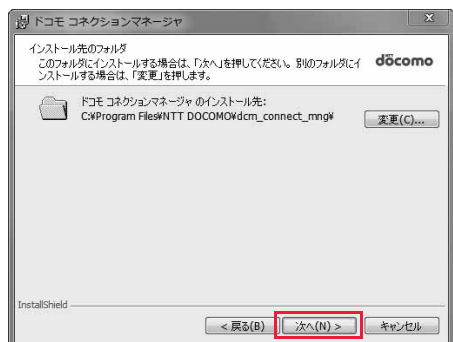
8 **Click "インストール (Install)".**

Installation starts.
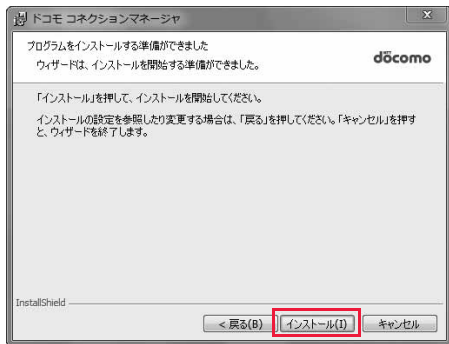
9 **Click "完了 (Finish)".**

Installation is completed.

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 "ドコモ コネクションマネージャ操作マニュアル.pdf (DOCOMO Connection Manager operation manual by PDF format)".

■**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.

Connect/Disconnect button

15
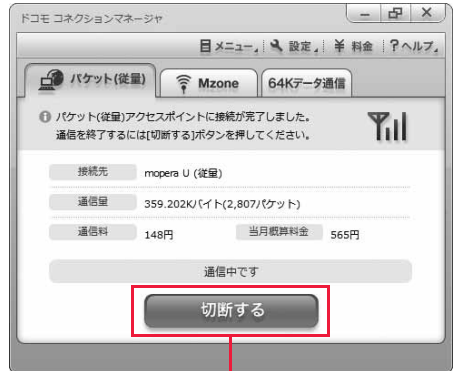
Setting Dial-up Network

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" or "mopera", 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" or "mopera".)

● 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)
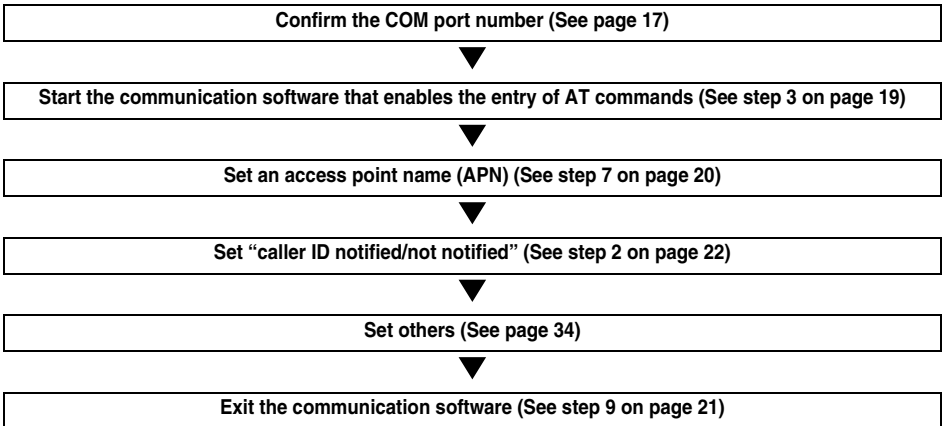
■**AT commands**
● The AT commands are used to control a modem. The FOMA terminal, which conforms to the AT commands, supports some extended commands and unique AT commands.
● By entering AT commands, you can carry out detailed setting for packet communication and FOMA terminal, and confirm (display) 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 P01C" (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" or "mopera", 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 P01C", 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.
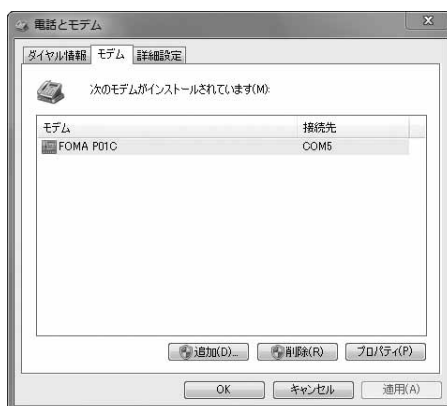
For Windows Vista

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".

17

4 **Open the "モデム (Modem)" tab, confirm the COM port number in the "接続先 (Access point)" field of "FOMA P01C", 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.

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 P01C", 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.

18

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" or "mopera", 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 01/02 (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 25).

For Windows XP

1 **Connect the FOMA USB Cable with Charge Function 01/02 to the FOMA terminal.**

2 **Turn the power to the FOMA terminal on, then connect the FOMA USB Cable with Charge Function 01/02 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.

5 Select a connection method.

\<When you can select the COM port number of "FOMA P01C">

Select the COM port number with which you install the "FOMA P01C" 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 P01C" you should actually select in the "接続方法 (Connection method)" field.

接続の設定

Sample

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 P01C
標準 56000 bps モデム
COM1
COM3
COM7
COM8
TCP/IP (Winsock)

\<When you cannot select the COM port number of "FOMA P01C">

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 P01C" 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.

Sampleのプロパティ

接続の設定 設定

Sample   アイコンの変更(I)...

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 P01C

モデムの構成(F)...

□ 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)

OK   キャンセル

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 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.

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"_

20

8 **Confirm that "OK" appears on the display.**

```
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 contains "mopera.ne.jp", cid2 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" or "mopera", the access point name (APN) must be set to the number from cid5 to cid10 specified by the provider or network administrator.

Default cid contents

Registration No. (cid)	Access point name (APN)
1	mopera.ne.jp (PPP)
2	mopera.net (PPP)
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 name (APN) for cid1 returns to "mopera.ne.jp" (default), the names for cid2 and cid3 return to "mopera.net" (default), and the name for cid4 returns to "mpr.ex-pkt.net" (default). The settings for 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".**
  ≥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.**

Information

≥When using DOCOMO Internet access service "mopera U" or "mopera", 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 25), 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" or "mopera", you need to notify your caller ID.

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)".

2 **If the display for selecting a modem appears, click "FOMA P01C".**

● The display for selecting a modem appears only when you have registered two or more modems.

3 **Enter any name in the "接続名 (Connection name)" field.**

● Here, "SAMPLE" is entered as an example.
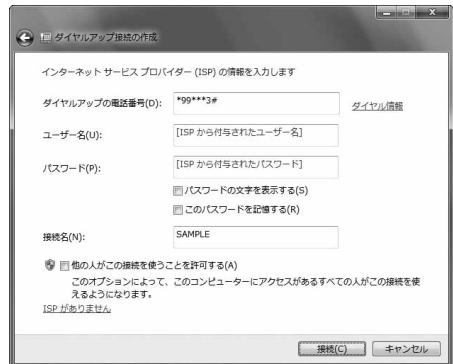
4 **Enter an access point number in the "ダイヤルアップの電話番号 (Phone number for dial-up)" field.**

● When connecting to "mopera U", enter "＊99＊＊＊3#" as the access point number.
See page 21 for access point numbers other than "mopera U".

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. Then click "接続 (Connect)"**
▶**Click "スキップ (Skip)".**

● When connecting to "mopera U" or "mopera", you can leave the user name and password fields blank.
● 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)".**

23

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 P01C" 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 ![up button] button to position the priority level of "モデム (Modem) - FOMA P01C" to the top or uncheck modems other than "モデム (Modem) - FOMA P01C".

When "ダイヤル情報を使う (Use dial information)" is checked, uncheck it.

● The COM port number allocated to "FOMA P01C" 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".

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.
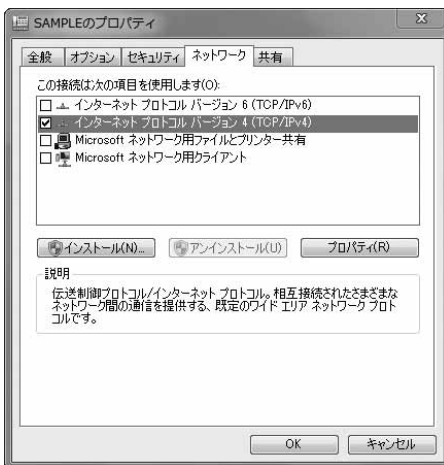
10 **Click the "オプション (Option)" tab, then click "PPP設定 (PPP settings)".**

11 **Uncheck all the items, then click "OK".**

12 **Return to the display in step 9, then click "OK".**

24

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)".

3 If the display for selecting a modem appears, click "FOMA P01C".

●The display for selecting a modem appears only when you have registered two or more modems.

4 Enter any name in the "接続名
(Connection name)" field.

●Here, "SAMPLE" is entered as an example.
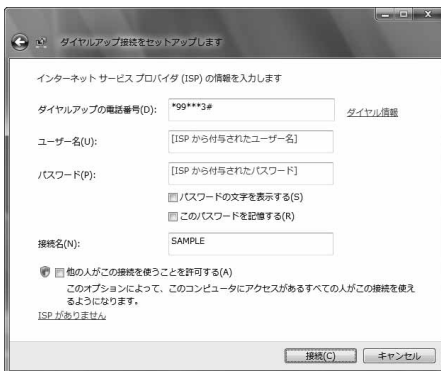
5 Enter an access point number in the "ダイヤルアップの電話番号 (Phone
number for dial-up)" field.

●When connecting to "mopera U", enter "＊99＊＊＊3#" as the access point number.
See page 21 for access point numbers other than "mopera U".

6 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. Then click "接続 (Connect)"
▶Click "スキップ (Skip)".

●When connecting to "mopera U" or "mopera", you can leave the user name and password fields blank.
●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.

25

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 P01C" 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 P01C" to the top or uncheck modems other than "モデム (Modem) - FOMA P01C".
When "ダイヤル情報を使う (Use dial information)" is checked, uncheck it.
≥The COM port number allocated to "FOMA P01C" 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".

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.
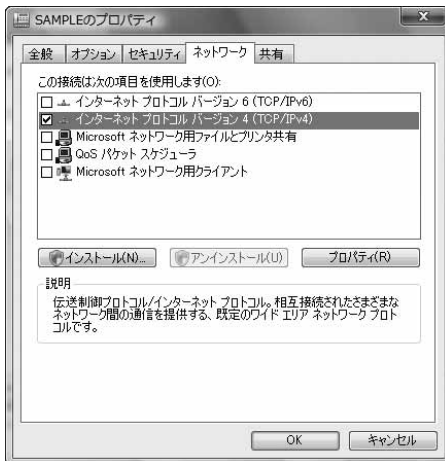
11 **Click the "オプション (Option)" tab, then click "PPP設定 (PPP settings)".**

12 **Uncheck all the items, then click "OK".**
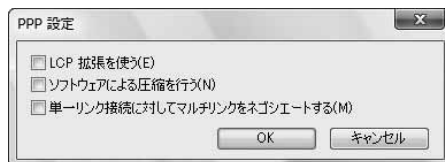
13 **Return to the display in step 10, then click "OK".**

26

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)".
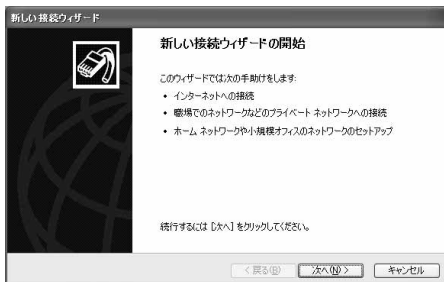
3 Select "インターネットに接続する (Connect to the Internet)", then click
"次へ (Next)".

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 P01C" 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.
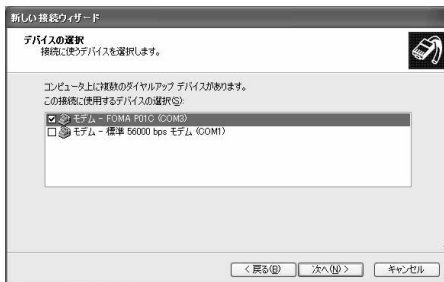
7 Enter any name in the "ISP 名 (ISP
name)" field, then click
"次へ (Next)".

●Here, "SAMPLE" is entered as an example.

27
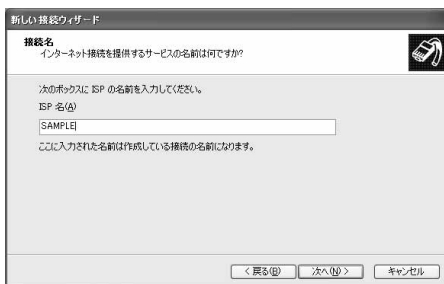
8 **Enter an access point number in the "電話番号 (Phone number)" field, then click "次へ (Next)".**

≥When connecting to "mopera U", enter "＊99＊＊＊3#" as the access point number.
See page 21 for access point numbers other than "mopera U".

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" or "mopera", you can leave the user name and password fields blank.
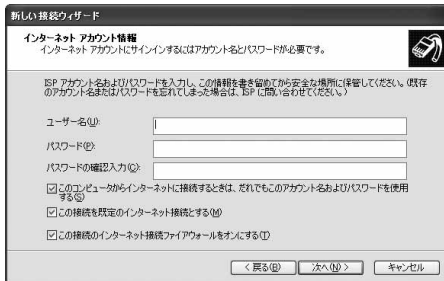
10 **Click "完了 (Complete)".**

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.

28

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 P01C" 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 P01C" to the top or uncheck modems other than "モデム (Modem) - FOMA P01C".
When "ダイヤル情報を使う (Use dial information)" is checked, uncheck it.

- ●The COM port number allocated to "FOMA P01C" 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".
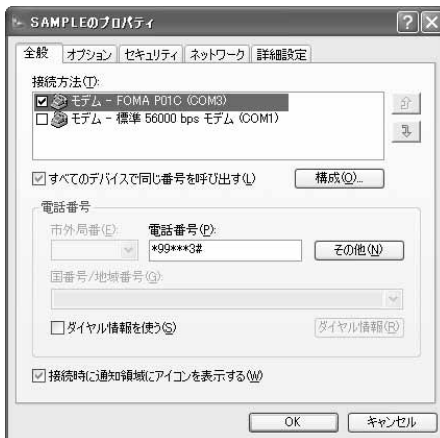
14 Click the "ネットワーク (Network)" tab, then carry out respective settings.

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.

15 Uncheck all the items, then click "OK".
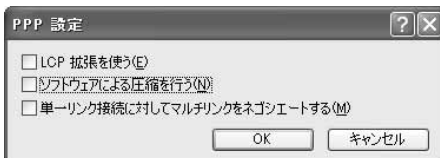
16 Return to the display in step 14, then click "OK".

29

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)".

3 Confirm the contents and click "ダイヤル (Dial)".
● When connecting to "mopera U" or "mopera", 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.

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.

30
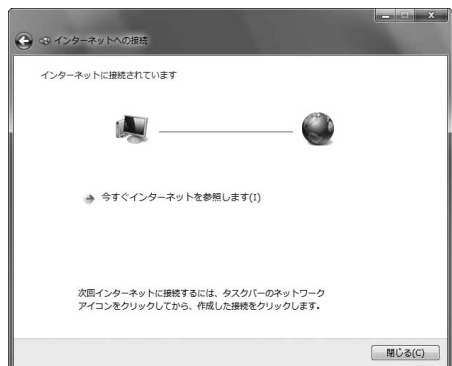
Making Dial-up Connection for Windows Vista

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)**".

3 Confirm the contents and click "**ダイヤル (Dial)**".
●When connecting to "mopera U" or "mopera", 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.

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.
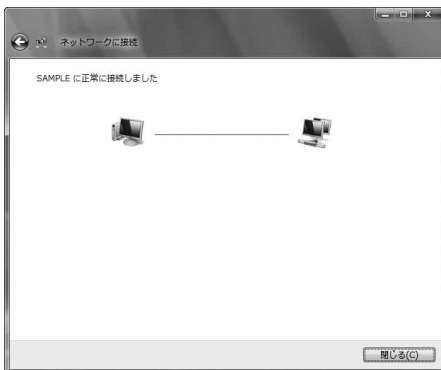
Making Dial-up Connection for Windows XP

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" or "mopera", 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.

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.

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.
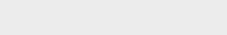
Disconnecting Communication Line

1 **Click the dial-up icon on the task tray.**
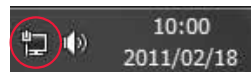
2 **Select the access point with which the connection is to be terminated, and click "切断 (Disconnect)".**
<For Windows Vista>
Select "接続または切断 (Connect or disconnect)" and click "切断 (Disconnect)", then click "閉じる (Close)".
<For Windows XP>
Click "切断 (Disconnect)".

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.

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-01C"	· 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 01/02 (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" or "mopera", 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, and to connect to "mopera", enter "＊9601".)
● Set "caller ID notified/not notified" and "others" as required.
(When connecting to "mopera U" or "mopera", 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 P01C Command Port.

[M]: Commands which are available in the FOMA P01C (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

ATD＊99＊＊＊1# [↵]
      — RETURN mark
     — Parameter
   — Command
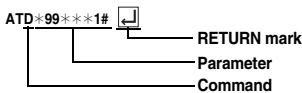
● You need to enter an AT command on one line, including a parameter (digits and symbols) which follows the command.

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	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:,"+8190123 45678",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

38

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-01C) of the FOMA terminal.	−	AT+GMM FOMA P01C 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 P01C 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

40

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.ne.jp" (PPP) was already registered for <cid>=1, "mopera.net" (PPP) for <cid>=2, "mopera.net" (IP) for <cid>=3 and "mpr.ex-pkt.net" (PPP) for <cid>=4 prior to purchase. Use numbers 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.

Continued to Next Page

● 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=2)
   AT+CGEQMIN=2
   OK
(2)Command that accepts 2048 kbps for upload and 7232 kbps for download (cid=3)
   AT+CGEQMIN=3,,2048,7232
   OK
(3)Command that accepts 2048 kbps for upload and all baud rates for download (cid=4)
   AT+CGEQMIN=4,,2048
   OK
(4)Command that accepts all baud rates for upload and 7232 kbps for download (cid=5)
   AT+CGEQMIN=5,,,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=3)
   AT+CGEQREQ=3
   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 01/02 (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 /5440/7232
  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.

P-01C

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	お
041	か	が	き	ぎ	く	ぐ	け	げ	こ	ご
042	さ	ざ	し	じ	す	ず	せ	ぜ	そ	ぞ
043	た	だ	ち	ぢ	っ	つ	づ	て	で	と
044	ど	な	に	ぬ	ね	の	は	ば	ぱ	ひ
045	び	ぴ	ふ	ぶ	ぷ	へ	べ	ぺ	ほ	ぼ
046	ぽ	ま	み	む	め	も	ゃ	や	ゅ	ゆ
047	ょ	よ	ら	り	る	れ	ろ	ゎ	わ	ゐ
048	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
064	η	θ	ι	κ	λ	μ	ν	ξ	ο	π
065	ρ	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	㎜	㎝
135	㎞	㎎	㎏	㏄	㎡					
136							㍻	〝	〟	№
137	㏍	℡	㊤	㈱	㈲	㈹	㍾	㍽	㍼	
138	≒	≡	∫	∮	∑	√	⊥	∠	∟	⊿
139	∵	∩	∪							
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								
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		
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							
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			
178								於	汚	甥
179	凹	央	奥	往	応					
180			押	旺	横	欧	殴	王	翁	襖
181	鴬	鴎	黄	岡	沖	荻	億	屋	憶	臆
182	桶	牡	乙					俺	卸	恩
182							温	穏	音	下
183	化	仮	何	伽	価	佳	加	可	嘉	夏
184	嫁	家	寡	科	暇	果	架	歌	河	火
185	珂	禍	禾	稼	箇	花	苛	茄	荷	華
186	菓	蝦	課	嘩	貨	迦	過	霞	蚊	俄
187	峨	我	牙	画	臥	芽	蛾	賀	雅	餓
188	駕	介	会	解	回	塊	壊	廻	快	怪
189	悔	恢	懐	戒	拐	改				
190			魁	晦	械	海	灰	界	皆	絵
191	芥	蟹	開	階	貝	凱	劾	外	咳	害
192	崖	慨	概	涯	碍	蓋	街	該	鎧	骸
193	浬	馨	蛙	垣	柿	蛎	鈎	劃	嚇	各
194	廓	拡	撹	格	核	殻	獲	確	穫	覚
195	角	赫	較	郭	閣	隔	革	学	岳	楽
196	額	顎	掛	笠	樫	橿	梶	鰍	潟	割
197	喝	恰	括	活	渇	滑	葛	褐	轄	且
198	鰹	叶	椛	樺	鞄	株	兜	竃	蒲	釜
199	鎌	噛	鴨	栢	茅	萱				
200			粥	刈	苅	瓦	乾	侃	冠	寒
201	刊	勘	勧	巻	喚	堪	姦	完	官	寛
202	干	幹	患	感	慣	憾	換	敢	柑	桓
203	棺	款	歓	汗	漢	澗	潅	環	甘	監
204	看	竿	管	簡	緩	缶	翰	肝	艦	莞
205	観	諌	貫	還	鑑	間	閑	関	陥	韓
206	館	舘	丸	含	岸	巌	玩	癌	眼	岩
207	翫	贋	雁	頑	顔	願				
207							企	伎	危	喜
208	器	基	奇	嬉	寄	岐	希	幾	忌	揮

Kuten digit 1 to 3	Kuten digit 4									
	0	1	2	3	4	5	6	7	8	9
209		旗	既	期	棋	棄		機	帰	毅
210	気	汽	畿	祈	季	稀	紀	徽	規	記
211	貴	起	軌	輝	飢	騎	鬼	亀	偽	儀
212	妓	宜	戯	技	擬	欺	犠	疑	祇	義
213	蟻	誼	議	掬	菊	鞠	吉	吃	喫	桔
214	橘	詰	砧	杵	黍	却	客	脚	虐	逆
215	丘	久	仇	休	及	吸	宮	弓	急	救
216	朽	求	汲	泣	灸	球	究	窮	笈	級
217	糾	給	旧	牛	去	居	巨	拒	拠	挙
218	渠	虚	許	距	鋸	漁	禦	魚	亨	享
219	京	供	侠	僑	兇	競	共			
220			凶	協	匡	卿	叫	喬	境	峡
221	強	彊	怯	恐	恭	挟	教	橋	況	狂
222	狭	矯	胸	脅	興	蕎	郷	鏡	響	饗
223	驚	仰	凝	尭	暁	業	局	曲	極	玉
224	桐	粁	僅	勤	均	巾	錦	斤	欣	欽
225	琴	禁	禽	筋	緊	芹	菌	衿	襟	謹
226	近	金	吟	銀						
226							九	倶	句	区
227	狗	玖	矩	苦	躯	駆	駈	駒	具	愚
228	虞	喰	空	偶	寓	遇	隅	串	櫛	釧
229	屑	屈	掘	窟	沓	靴	轡	窪	熊	隈
230	粂	栗	繰	桑	鍬	勲	君	薫	訓	群
231	軍	郡								
232							卦	袈	祁	係
232							傾	刑	兄	啓
233	圭	珪	型	契	形	径	恵	慶	慧	憩
234	掲	携	敬	景	桂	渓	畦	稽	系	経
235	継	繋	罫	茎	荊	蛍	計	詣	警	軽
236	頚	鶏	芸	迎	鯨	劇	戟	撃	激	隙
237	桁	傑	欠	決	潔	穴	結	血	訣	月
238	件	倹	倦	健	兼	券	剣	喧	圏	堅
239	嫌	建	憲	懸	拳	捲				
240			検	権	牽	犬	献	研	硯	絹
241	県	肩	見	謙	賢	軒	遣	鍵	険	顕
242	験	鹸	元	原	厳	幻	弦	減	源	玄
243	現	絃	舷	言	諺	限				
243							乎	個	古	呼
244	固	姑	孤	己	庫	弧	戸	故	枯	湖
245	狐	糊	袴	股	胡	菰	虎	誇	跨	鈷
246	雇	顧	鼓	五	互	伍	午	呉	吾	娯
247	後	御	悟	梧	檎	瑚	碁	語	誤	護
248	醐	乞	鯉	交	佼	侯	候	倖	光	公
249	功	効	勾	厚	口	向				
250			后	喉	坑	垢	好	孔	孝	宏
251	工	巧	巷	幸	広	庚	康	弘	恒	慌
252	抗	拘	控	攻	昂	晃	更	杭	校	梗
253	構	江	洪	浩	港	溝	甲	皇	硬	稿
254	糠	紅	紘	絞	綱	耕	考	肯	肱	腔
255	膏	航	荒	行	衡	講	貢	購	郊	酵
256	鉱	砿	鋼	閤	降	項	香	高	鴻	剛
257	劫	号	合	壕	拷	濠	豪	轟	麹	克
258	刻	告	国	穀	酷	鵠	黒	獄	漉	腰
259	甑	忽	惚	骨	狛	込				
260			此	頃	今	困	坤	墾	婚	恨
261	懇	昏	昆	根	梱	混	痕	紺	艮	魂
261								些	佐	叉
262	唆	嵯	左	差	査	沙	瑳	砂	詐	鎖
263	裟	坐	座	挫	債	催	再	最	哉	塞
264	妻	宰	彩	才	採	栽	歳	済	災	采
265	犀	砕	砦	祭	斎	細	菜	裁	載	際
266	剤	在	材	罪	財	冴	坂	阪	堺	榊
267	肴	咲	崎	埼	碕	鷺	作	削	咋	搾
268	昨	朔	柵	窄	策	索	錯	桜	鮭	笹
269	匙	冊	刷							
270			察	拶	撮	擦	札	殺	薩	雑
271	皐	鯖	捌	錆	鮫	皿	晒	三	傘	参
272	山	惨	撒	散	桟	燦	珊	産	算	纂

1

Kuten digit 1 to 3	0	1	2	3	4	5	6	7	8	9
677	竊	叶	喝	咐	咾	咼	哘	哥	哦	唉
678	唏	喞	喝	喙	喟	啻	啾	喘	喞	單
679	啼	喞	喟	啻	喙	喘	喟	啾	喀	咸
680	咦	哢	咵	哮	哭	哂	哬	咭	哯	哱
681	筐	筥	筴	筬	筬	箝	箙	篋	篁	篌
682	篏	箴	篆	篝	篩	簑	簔	篦	篥	籠
683	簀	簇	簓	篳	篷	簗	簍	篶	簣	簧
684	簪	簟	簷	簫	齏	籃	籔	籏	籀	籐
685	籗	籟	籙	籤	籖	籥	籬	籵	粃	粐
686	粤	粭	粢	粫	粡	粨	粳	粲	粱	粮
687	粹	粽	糀	糅	糂	糘	糒	糜	糢	鬻
688	糯	糲	糴	糶	糺	紆	紂	紜	紕	紊
689	絅	絋	紮	紲	紿	紵	絆	絳	絖	絎
690		紵	紂	絲	絳	絖	絎	絲	絨	絮
691	絏	絆	絡	絢	絜	絲	絨	絮	絏	絆
692	經	綉	綏	絽	綛	綺	綮	綣	綵	緇
693	緇	綽	綫	總	綢	綯	緜	綸	綟	綰
694	緘	緝	緤	緞	緻	緲	緡	縅	縊	縑
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		罌	罍	罎	罐	网	罕	罔	罘	罟
701	罠	罨	罩	罧	罸	羂	羆	羃	羊	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	翳	耆	耄	耋	耒	耘	耙
705	耜	耡	耨	耿	耻	聊	聆	聒	聘	聚
706	聟	聢	聨	聳	聲	聰	聶	聹	聽	聿
707	肄	肆	肅	肛	肓	肚	肭	冐	肬	胱
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	莟
722	莫	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		蕓	蕙	蕊	蕤	蕨	蕭	蕾	薀	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	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	譟	譬	譯	譴	譽
760		讀	讌	讎	讒	讓	讖	讙	讚	谺
761	豁	谿	豈	豌	豎	豐	豕	豢	豬	豸
762	豺	貂	貉	貅	貊	貔	豼	貘	戝	貭
763	貪	貽	貲	貳	貮	貶	賈	賁	賤	賣
764	賚	賽	賺	賻	贄	贅	贊	贇	贏	贍
765	贐	齎	贓	賍	贔	贖	赧	赭	赱	赳
766	趁	趙	跂	趾	趺	跏	跚	跖	跌	跛
767	跋	跪	跫	跟	跣	跼	踈	踉	跿	踝
768	踞	踐	踟	蹂	踵	踰	踴	蹊	蹇	蹉
769	蹌	蹐	蹈	蹙	蹤					
770		蹠	踪	蹣	蹕	蹶	蹲	蹼	躁	躇
771	躅	躄	躋	躊	躓	躑	躔	躙	躪	躡
772	躬	躰	軆	躱	躾	軅	軈	軋	軛	軣
773	軼	軻	軫	軾	輊	輅	輕	輒	輙	輓
774	輜	輟	輛	輌	輦	輳	輹	輻	輹	轅
775	轂	輾	轌	轉	轆	轎	轗	轜	轢	轣
776	轤	辜	辟	辣	辭	辯	辷	迚	迥	迢
777	迪	迯	邇	迴	逅	迹	迺	逑	逕	逡
778	逍	逞	逖	逋	逧	逶	逵	逹	迸	
779	遏	遐	遑	遒	逎					
780		遉	逾	遖	遘	遙	遞	遨	遯	遶
781	隨	遲	邂	遽	邁	邀	邊	邉	邏	邨
782	邯	邱	邵	郢	郤	扈	郛	鄂	鄒	鄙
783	鄲	鄰	酊	酖	酘	酣	酥	酩	酳	酲
784	醋	醉	醂	醢	醫	醯	醪	醵	醴	醺
785	釀	釁	釉	釋	釐	釖	釟	釡	釛	釼
786	釵	釶	鈞	釿	鈔	鈬	鈕	鈑	鉞	鉗
787	鈿	鉅	鉉	鉤	鉈	銕	鈿	鉋	鉐	銜
788	銖	銓	銛	鉚	鋏	銹	銷	鋩	錏	鋺
789	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	鑰	鑵	鑷	鑽
795	鑚	鑼	鑾	钁	鑿	閂	閇	閊	閔	閖
796	閘	閙	閠	閨	閧	閭	閼	閻	閹	閾
797	闊	濶	闃	闍	闌	闕	闔	闖	關	闡
798	闥	闢	阡	阨	阮	阯	陂	陌	陏	陋
799	陷	陜	陞	陝	陟					
800		陦	陲	陬	隍	隘	隕	隗	險	隧
801	隱	隲	隰	隴	隶	隸	隹	雎	雋	雉
802	雍	襍	雜	霍	雕	雹	霄	霆	霈	霎
803	霑	霏	霖	霙	霤	霪	霰	霹	霽	霾
804	靄	靆	靈	靂	靉	靜	靠	靤	靦	靨
805	勒	靫	靱	靹	鞅	靼	鞁	靺	鞆	鞋
806	鞏	鞐	鞜	鞨	鞦	鞣	鞳	鞴	韃	韆
807	韈	韋	韜	韭	齏	韲	竟	韶	韵	頏
808	頌	頸	頤	頣	頥	頰	頻	頽	顆	顏
809	顋	顫	顯	顰	顱					
810		顴	顳	颪	颯	颱	颶	飄	飃	飆
811	飩	飫	餃	餉	餒	餔	餘	餡	餝	餞
812	餤	餠	餬	餮	餽	餾	饂	饉	饅	饐
813	饋	饑	饒	饌	饕	馗	馘	馥	馭	馮
814	馼	駟	駛	駝	駘	駑	駭	駮	駱	駲
815	駻	駸	騁	騏	騅	駢	騙	騫	騷	驅
816	驂	驀	驃	騾	驕	驍	驛	驗	驟	驢
817	驥	驤	驩	驫	驪	骭	骰	骼	髀	髏
818	髑	髓	體	髞	髟	髢	髣	髦	髯	髫
819	髮	髴	髱	髷	髻					
820		鬆	鬘	鬚	鬟	鬢	鬣	鬥	鬧	鬨
821	鬩	鬪	鬮	鬯	鬲	魄	魃	魏	魍	魎
822	魑	魘	魴	鮓	鮃	鮑	鮖	鮗	鮟	鮠
823	鮨	鮴	鯀	鯊	鮹	鯆	鯏	鯑	鯒	鯣
824	鯢	鯤	鯔	鯡	鰺	鯲	鯱	鯰	鰕	鰔
825	鰉	鰓	鰌	鰆	鰈	鰒	鰊	鰄	鰮	鰛
826	鰥	鰤	鰡	鰰	鱇	鰲	鱆	鰾	鱚	鱠
827	鱧	鱶	鱸	鳧	鳬	鳰	鴉	鴈	鳫	鴃
828	鴆	鴪	鴦	鶯	鴣	鴟	鵄	鴕	鴒	鵁
829	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	鹹	鹵	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				

4