

P-04A/P-05A

ISSUE DATE:

'09.1

NAME:

PHONE NUMBER:

MAIL ADDRESS:

INSTRUCTION MANUAL

^{NTT}
docomo

docomo SMART series

Introduction

Settings

Calls

Mail

Site Access

Camera/1Seg/Music

Data Management

Convenient Functions

Security Settings

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DOCOMO W-CDMA/GSM/GPRS System

Thank you for selecting the “docomo SMART series P-04A/P-05A”.



Read this manual before use to correctly operate your P-04A/P-05A.

For Using This Manual

- Note that “P-04A/P-05A” is referred to as “FOMA terminal” in this manual.
- The most operating procedures and displays in this manual are described with the default settings of the “BLACK” P-04A handset.
- Displays and illustrations described in this manual are for reference. The actual ones might differ.
- This manual introduces operating procedures of main functions. The latest information of this manual can be downloaded from the DOCOMO website.
(<http://www.nttdocomo.co.jp/english/support/manual/index.html>)
Further, your FOMA terminal comes with “使いかたナビ (Guide)” (Japanese only). This may also be some help to you to check operating procedures. (See page 26)
- This FOMA terminal supports Kisekae Tool (see page 37). If you use Kisekae Tool to change the design of the Menu display, some menu configurations may change according to the usage frequency, depending on the type of the menu. Further, some menu numbers that are assigned to the menu items do not apply.












For Users Who Use P-05A

This manual is described based on the operations and displays of the P-04A. When you read this manual to operate P-05A, keep the following in mind.

- You cannot use the camera function and its related functions with P-05A. (Shooting still images/movies, Bar Code Reader, etc.)
- With the **P-05A** mark, the supplemental descriptions are given to text where operations or displays differ from those of P-04A.
- Read the  key as the  key.

- It is prohibited to copy all or part of this manual without permission.
- The instructions contained in this manual may be changed without notice.

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Accessories and Main Options

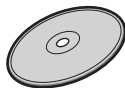
<Accessories>

- P-04A/P-05A Handset
(With Warranty and Back Cover P32,

P-05A Back Cover P33)



- P-04A/P-05A CD-ROM
The PDF versions of "Manual for PC Connection" and "Kuten Code List" are included.



- Instruction Manual (Japanese version)

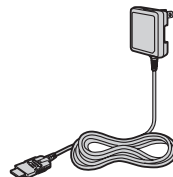


- Battery Pack P17

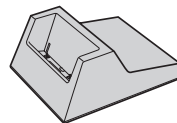


<Main Options>

- FOMA AC Adapter 01/02
(With Warranty and Instruction Manual)



- Desktop Holder P31
(With Instruction Manual)





Main Functions of P-04A/P-05A



i-mode mail/Deco-mail/Deco-mail pictogram

▶ P.54

Besides mail text, you can attach photos, movie files, etc.

International Roaming

▶ P.51

Your FOMA terminal, phone number, and mail address are available overseas.



i-concier

▶ P.61

○ ○ Railway
Suspension of the service now...



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.

1Seg

▶ P.67

You can watch 1Seg programs of the terrestrial digital broadcasting for mobile objects.



View Blind

▶ P.38

You can make the display hard to see from an angle. You can use the FOMA terminal without concern for others' eyes.

Voice Recorder

▶ P.84



You can record voice instead of taking notes. You can repeatedly play it back, so it is convenient to record the proceedings at a meeting, etc.

Yuttari Talk

▶ P.40

You can slow down the other party's speaking speed during a call.

One-push Open

▶ P.19

You can open the FOMA terminal by key operation.

Abundant Lock Functions

▶ P.90

The FOMA terminal features various Lock Functions.



Moving Data Files

You can use the microSD card to move data files.

Move Backup Files from the microSD Card

<For Phonebook, Mail (Inbox, Outbox, Draft)>

Stand-by display ► ► LIFEKIT ► microSD ► Refer microSD data
 ► Phonebook, Inbox, Outbox, Draft (Select an item)
 ► Select a data file to be moved ► ► Overwr. all to ph.
 ► Enter your Terminal Security Code ► YES ► YES ► NO (for Phonebook only)

<For Image, Movie>

Stand-by display ► ► DATA BOX ► My picture, motion
 (Select an item) ► ► Picture, Movie (Select an item)
 ► Select a folder which has the files to be moved
 ► ► Multiple-choice ► ► ► Copy to phone

Move Phonebook Entries/Mail Messages at a Time

- Stand-by display ► ► LIFEKIT ► microSD
 ► Backup/Restore ► Restore to phone
- Enter your Terminal Security Code ► YES

Back Up Data Files to the microSD Card

<For Phonebook, Mail (Inbox, Outbox, Draft)>

Stand-by display ► ► LIFEKIT ► microSD ► Refer microSD data
 ► Phonebook, Inbox, Outbox, Draft (highlight an item) ►
 ► Copy to microSD ► Enter your Terminal Security Code
 ► YES ► YES (for Phonebook only)

<For Image, Movie>

Stand-by display ► ► DATA BOX ► My picture, motion
 (Select an item) ► Select a folder which has the files to be saved
 ► ► Multiple-choice ► ► ► Copy to microSD

Back up/Restore Phonebook Entries/Mail Messages at a Time

- Stand-by display ► ► LIFEKIT ► microSD
 ► Backup/Restore ► Backup to microSD
- Enter your Terminal Security Code ► YES
 - Backup files are overwritten each time they are copied.
 - You can move batch backup files only to the model with the batch restoration function.
 - You cannot back up all the files of images and movies at a time.




Using Infrared Communication

By infrared communication, you can send/receive Phonebook entries, mail messages, bookmarks and others to/from another mobile phone or personal computer equipped with the infrared communication function.

You can move data files by infrared communication when you change your models as well if another model is also equipped with this function.

- See page 86 for how to operate.

Using iC Communication

You can send/receive data files such as Phonebook entries, photos, ToruCa files, etc. by facing the  mark of your FOMA terminal toward that of another FOMA terminal supporting the iC communication function.

You can move data files by iC communication when you change your models as well if another model is also equipped with this function.

- See page 86 for how to operate.

Using Data Security Service

On the Data Storage Center site, you can set so as to periodically save and update the Phonebook entries in your FOMA terminal to the Data Storage Center. Besides Phonebook entries, you can store images and mail messages, and can easily restore them when you lose files or you change models.

- This is a pay service which is available on a subscription basis.
- You are separately charged a packet communication fee.
- For details on Data Security Service, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

Using Data Security Service with i-concier

自動お預かり／更新設定 (Automatic saving/Update settings)

Stand-by display ▶  ▶ **i-CONCIER** ▶  (MENU)

▶ 設定 (Settings) ▶ 自動お預かり／更新設定 (Automatic saving/Update settings) ▶ Follow the instructions on the display.

お預かりデータ確認 (Check saved data)


Stand-by display ▶  ▶ **i-CONCIER** ▶  (MENU)

▶ 設定 (Settings) ▶ お預かりデータ確認 (Check saved data) ▶ Follow the instructions on the display.

お預かりデータ更新 (Update saved data)

Stand-by display ▶  ▶ **i-CONCIER** ▶  (MENU)

▶ 設定 (Settings) ▶ お預かりデータ更新 (Update saved data)

▶ Check the data files to be updated ▶  (Finish)

▶ Enter your Terminal Security Code ▶ YES

お預かり通信履歴 (Communication records of saving)




Stand-by display ▶  ▶ **i-CONCIER** ▶  (MENU)

▶ 設定 (Settings) ▶ お預かり通信履歴 (Communication records of saving) ▶ Select a record.






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 because they are designed to protect you or those around you from causing 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.

	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 injury or damage to the product or property.

■ The following symbols show specific directions:

	Denotes things not to do. (Prohibition)
Don't	
	Denotes not to disassemble.
Do not disassemble	
	Denotes not to touch with wet hands.
Not wet hands	
	Denotes not to use where it could get wet or not to wet it.
Avoid Water	
	Denotes mandatory instructions (matters that must be complied with).
Do	
	Denotes to pull the power plug out of the outlet.
Pull the power plug out	

■ "Safety Precautions" are divided into the following six sections:

General precautions for FOMA terminal, batteries, adapters/chargers, and UIM	P.7
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Precautions for adapters/chargers	P.11
Precautions for UIM	P.12
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General precautions for FOMA terminal, batteries, adapters/chargers, and UIM



Danger



Don't

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).

The devices could be deformed or malfunction, or the battery may leak, overheat, burst, or catch fire, thus resulting in the deterioration of performance and shortening of the life of devices. Also, part of the case could get heated, causing bare skin burns.



Do not disassemble

Do not disassemble, modify or solder the FOMA terminal or accessories.

Accidents such as fire, injury, or electric shock, or malfunction may result. The battery may leak, overheat, burst or catch fire.



Avoid Water

Do not wet the FOMA terminal or accessories.

If liquids such as water or pet urine get onto them, overheating, electric shock, fire, malfunction, injury or others may result. Pay attention to the place of use and the way of handling.



Do

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

If you use any type of battery, adapter or charger other than the specified one, your FOMA terminal, battery or other accessories may leak, overheat, burst, catch fire or malfunction.

Battery Pack P17

FOMA AC Adapter 01/02

FOMA AC Adapter 01 for Global use

FOMA DC Adapter 01/02

Desktop Holder P31

FOMA Dry Battery Adapter 01

FOMA Portable Charging Adapter 01

FOMA USB Cable with Charge Function 01/02

※For other compatible products, contact a handling counter such as a docomo shop.



Warning



Don't

Do not place the batteries, the FOMA terminal, adapters/chargers, or UIM in cooking appliances such as microwave ovens or high-pressure containers.

The battery may leak, overheat, burst, or catch fire. The FOMA terminal or the adapter/charger may overheat, smoke, or catch fire, or its circuit parts may become damaged.



Don't

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

The battery may leak, overheat, burst, or catch fire. Also, malfunction or fire may result.



Don't

Be careful not to let electroconductive materials (metal pieces, pencil leads etc.) contact with the charging terminal or connector terminal. Also, make sure that those are not entered into the inside of the FOMA terminal.

Short-circuit could cause fire or malfunction of the FOMA terminal.



Do

When you are in a place such as a gas station where flammable gas is generated, turn off the FOMA terminal, and never do charging. Otherwise, catching fire may result.

Ensure that you use Osaifu-Keitai with the FOMA terminal turned off when you are in the vicinity of the gas station.

(When IC Card Lock is set, turn off the power with the lock released.)



Do

If odor, overheat, discoloration, or deformation is detected during use, battery charge, or storage, immediately observe the following:

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

If you use the FOMA terminal and its accessories as they are, overheat, burst, or catching fire could result or the battery could leak.



Caution



Don't

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

The FOMA terminal or accessories may fall, resulting in injury or malfunction.



Don't

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

Malfunction may result.



Do

If children use the FOMA terminal or accessories, a guardian should explain the safety precautions and correct operations. The guardian should also make sure that the instructions are followed during use.

Otherwise, injury may result.



Do

Keep out of the reach of babies and infants.

Accidental swallowing or injury may result.



Do

Be especially careful when you use the FOMA terminal for a long time with the adapter/charger connected.

If you use i-appli programs, talk on the videophone, watch 1Seg programs and so on for a long time during charging, the temperature of the FOMA terminal, battery pack, or adapter/charger might rise. If you directly touch the part of high temperature continuously, redness, itching, rash, or low-temperature bare skin burns may result depending on your physical conditions or predisposition.

Precautions for FOMA terminal



Warning



Don't

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

His/her eyes may possibly be affected. Other infrared devices may operate erroneously if the infrared data port is pointed at them during transmission.



Don't

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

If the airbag expands, the FOMA terminal could hit you and others, causing accidents such as injury and the FOMA terminal could malfunction and become damaged.



Don't

If you have any implanted electronic medical equipment, do not place your FOMA terminal in a chest pocket or inner pocket.

If the FOMA terminal is positioned close to electronic medical equipment, it may cause that equipment to malfunction.



Don't

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.

Fire, electric shock or malfunction may result.



Do

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

Otherwise, electronic devices and electronic medical appliances may be adversely affected. If the Auto Power ON function is set, deactivate the setting, then turn the power off. For use inside medical facilities, make sure that you comply with their regulations. You may be punished for using the FOMA terminal in airplanes, which is prohibited by law.



Do

When talking with the FOMA terminal set to Hands-free, be sure to keep the FOMA terminal away from your ear.

Further, when you play games or play back music with the earphone/microphone connected, adjust the sound volume to moderate volume.

The excessive sound volume impairs your hearing.

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



Do

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

Those functions may cause an effect on the heart.



Do

If thunder starts to rumble while you are using the FOMA terminal outdoors, turn off the power and move to a safe place.

Otherwise, you could be struck by lightning or suffer an electric shock.



Do

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

The FOMA terminal may possibly cause these devices to malfunction.

※ Electronic devices that may be affected: Hearing aids, implanted cardiac pacemakers, implanted defibrillators, other medical electronic devices, fire alarms, automatic doors and other automatically controlled devices. If you use an implanted cardiac pacemaker, implanted defibrillator or any other electronic medical device, 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 part and camera lens so that glasses do not easily get scattered, however, pay attention not to erroneously touch the broken part or interior. Otherwise, injury may result.



Caution



Don't

Do not swing the FOMA terminal by its strap.

The FOMA terminal may hit you or persons around you, and accidents such as injury or malfunction and damage may result.



Don't

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.



Don't

Do not bring magnetic substances close to your FOMA terminal.

Strong magnetic items might cause in erroneous operation.



Don't

If you erroneously break the display part and then crystal liquid gets leaked, never take or suck the liquid to or into your mouth, or apply to skin.

If the crystal liquid gets into the eyes or mouth, immediately rinse it out with clean water and then seek medical attention.

When it adheres to your skin or clothes, immediately wipe it away with alcohol etc., and then rinse it out with water and soap.

Otherwise, the loss of eyesight or injury to your skin may result.



Don't

Do not bring your ears close to the speakers while a ring tone sounds or a melody is played back from the FOMA terminal.

Otherwise, your hearing could be impaired.

Precautions (Continued)



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

Electronic devices in some types of cars can be affected by use of the FOMA terminal.

For safety's sake, make sure not to use the FOMA terminal inside such cars.



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.

Metals are used for the following parts:

Where it is used	Material	Finishing
Upper case Back cover	Stainless	Baking finish
Side upper key Side lower key	ABS	Evaporated aluminum, hard coating
Metal part of the one-push open button	Aluminum	Alumite treatment
Charging terminal	Copper alloy	Gold-plated finish with nickel-plated ground



Do

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

Accidents such as injury or damage may result.



Do

When you watch a 1Seg program, watch in a place bright enough taking a certain distance from the display.

Otherwise, your visual acuity could be reduced.



Do

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

You may hurt your hand or fingers.

Precautions for batteries

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

Description	Type
Li-ion	Lithium-ion battery



Danger



Don't

Do not let any metal object such as a wire come in contact the battery terminals. Also do not carry or store the battery together with any metal objects like a necklace.

The battery may leak, overheat, burst or catch fire.



Don't

Do not use excessive force to attach the battery to the FOMA terminal even when you cannot attach it successfully. Also, check that the battery is the right way round when you attach it.

The battery may leak, overheat, burst or catch fire.



Don't

Do not throw the battery into fire.

The battery may leak, overheat, burst or catch fire.



Don't

Do not pierce it with nails, hit it with a hammer, or step on it.

The battery may leak, overheat, burst or catch fire.



Do

If the battery fluid gets into your eyes, do not rub them. Flush your eyes with clean water and seek medical attention immediately.

Otherwise, the loss of eyesight may result.



Warning



Don't

When any abnormality due to external shock such as the deformation or scratches by dropping is found on the battery pack, immediately stop using it.

The battery may leak, overheat, burst, or catch fire. Also, malfunction or fire may result.



Do

If charging is not completed at the end of the specified charging time, stop charging.

Otherwise, the battery may leak, overheat, become damaged or catch fire.



Do

Immediately stop using the FOMA terminal and keep it away from fire if the battery leaks or emits an odor.

The leaked battery fluid may ignite, causing fire or burst.



Do

Be careful that your pets do not bite into the battery pack.

The battery may leak, overheat, burst, or catch fire. Also, malfunction or fire may result.



Caution



Don't

An exhausted battery should not be disposed of with other waste.

The battery may catch fire or damage the environment. After insulating the battery terminals with tape, take the unneeded battery to a handling counter such as a docomo shop or dispose of it in accordance with local waste disposal regulations.



Don't

Do not charge the wet battery.

The battery pack may overheat, catch fire, or burst.



Do

If the battery fluid comes in contact with skin or clothes, immediately stop using, then rinse it out thoroughly with clean water.

Skin injury may result.

Precautions for adapters/chargers



Warning



Don't

Do not use a damaged adapter/charger cord or power cord.

Electric shock, overheating or fire may result.



Don't

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

Electric shock may occur.



Don't

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

Fire may result.



Don't

If it starts to thunder, do not touch the FOMA terminal and adapter/charger.

You might be struck by lightning or suffer 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, malfunction, electric shock or injury may result.

Precautions (Continued)



Don't

Place the charger and desktop holder on a stable location during charging. Do not cover or wrap the charger and desktop holder in cloth or bedding.

The FOMA terminal may drop off, or the charger and desktop holder may overheat, causing fire or malfunction.



Don't

Do not place something heavy on the adapter/charger cord and power cord.

Electric shock or fire may result.



Not wet hands

Do not touch the power cord of the adapter/charger, or power outlet with wet hands.

Electric shock may result.



Do

Use the adapter/charger at the specified V AC.

If you use it at a wrong voltage, fire or malfunction may result. When using the FOMA terminal overseas, use FOMA AC adapter available overseas.

AC adapter: 100 V AC

DC adapter: 12/24 V DC

[For negative (-) grounded vehicles only]

AC adapter available 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.

If you use an unspecified fuse, fire or malfunction may result. For the specified fuse, refer to each instruction manual.



Do

Keep the power plugs dust-free.

Otherwise, fire may result.



Do

When pulling the AC adapter into the power outlet, firmly plug it in, taking care not to contact with metal straps or the like.

Otherwise, electric shock, short-circuit or fire may result.



Do

When removing the adapter/charger out of the outlet or cigarette lighter socket, do not forcibly pull the adapter/charger cord or power cord, instead take hold of the power plug and then pull.

If you pull the plug out by the cord, the cord may be damaged, which could result in electric shock or fire.



Pull the power plug out

When the adapter/charger is not to be used for a long period of time, unplug the power cord from the outlet.

Otherwise, electric shock, fire, or malfunction may result.



Pull the power plug out

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

Otherwise, electric shock, smoke or fire may result.



Pull the power plug out

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

Otherwise, electric shock may result.

Precautions for UIM



Caution



Do

Be careful not to touch the cut surface of the UIM (IC portion) when removing it.

You may hurt your hand or fingers.



Notes on using near electronic medical equipment

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



Warning



Do

Comply with the following in hospitals or health care facilities:

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



Do

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

Operation of an implanted cardiac pacemaker or implanted defibrillator can be affected by radio waves.



Do

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

Operation of an implanted cardiac pacemaker or implanted defibrillator can be affected by radio waves.



Do

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

Operation of electronic medical equipment can be affected by radio waves.

Handling Precautions

General notes

■ Do not wet the equipment.

The FOMA terminal, battery, adapter/charger, 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 screen of the FOMA terminal sometimes has a special coating so that they are easier to see. If you rub it roughly with a dry cloth, it might be scratched. Take care of the way of handling, and use only a dry, soft cloth such as the one for cleaning glasses. If the screen is left with water drop or stain adhered, smear may be generated or the coating might peel off.

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.

If the terminals become soiled, the connection might deteriorate so that the power turns off or the battery does not charge fully. Wipe the terminals with a dry cloth or cotton swab.

■ 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, the connector could be damaged, or malfunction.

■ Carefully read each instruction manual attached to the FOMA terminal, adapter/ charger, or desktop holder.

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

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

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%.

■ The FOMA terminal, if operated near land-line phones, television sets, radios or other devices that are in use, may affect them. You should operate your FOMA terminal as far away from such equipment 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.

■ Usually, put the cover of the connector terminal and microSD card slot to use the FOMA terminal.

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

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

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



- Do not apply an excessively thick sticker onto the surfaces of the display, keys, or buttons. Malfunction may result.
- While you are using the microSD card, never take it off or turn off the power to the FOMA terminal. Data may be erased or malfunction may result.

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.
- Make sure that the battery is charged when you use the FOMA terminal for the first time or have not used it for a long period of time.
- 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 over a long period:
 - 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. You are advised to store the battery pack in the state of two bars of battery icon indication as a guide for when you store it for a long period.

Notes on handling chargers/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.
- During charging, the adapter/charger may become warm. This is not an abnormality, so continue charging.
- 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

- Never use more force than necessary when inserting/removing the UIM.
- The UIM may become warm during use, but this is not a sign of a malfunction. Continue using it as it is.
- 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.
- Avoid using in extremely high or low temperatures.
- 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.



Handling Precautions (Continued)

■ 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.

■ Be especially careful not to operate the FOMA terminal while driving.

You will be imposed punishment if you use the mobile phone in your hand while driving. If you answer a call out of necessity, tell the caller with Hands-free that you will call him/her back, park your car to somewhere safe, and then dial.

■ 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.





FOMA Terminal



- Because the FOMA terminals use radio waves, they cannot be used in places where radio waves do not reach, such as inside tunnels, underground, or in buildings; or the outside where radio waves are weak or out of the FOMA service area. They may not be used in the high-rise buildings even when the antennas are unobstructed. You may also experience interruption of calls even when using without moving while the radio waves are strong enough for the three antennas to appear on the display.
- Use the FOMA terminal carefully to avoid disturbing other people when in public, or in crowded or quiet places.
- Since the FOMA terminals use radio waves as the medium of telecommunication, calls may be tapped by the 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 original voice.
- The user hereby agrees that the user shall be solely responsible for the result of the use of SSL. Neither DOCOMO nor the certifiers as listed herein make any representation and warranty as for the security in the use of SSL. In the event that the user shall sustain damage or loss due to the use of SSL, 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., and Comodo CA Ltd.

- 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.
- It is recommended that you make separate notes of the 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 contents due to a malfunction, repair, change of your model, or other mishandling of the FOMA terminal.
- You are advised to save your important data files to the microSD card. If you have a personal computer, you can transfer and save the information such as Phonebook entries, mail messages, schedule events, and others to the personal computer by using DOCOMO keitai datalink.

Role of Each Part

Light sensor

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

Display

Command navigation key

For operating functions and menus

Mail key

For showing the Mail menu

Menu key

For showing the Main menu

Start key

For starting calls

Numeric keys

For entering phone numbers and text

Microphone

For speaking to the other party

Infrared data port

For using infrared communication and the infrared remote control

Earpiece

For listening to the other party's voice

i-mode key/i-appli key

For showing the i-mode menu

Camera key/1Seg key

P-05A A different key is allocated.

Voice recorder key/1Seg key

CLR Clear key

For clearing entered characters

Power/End key

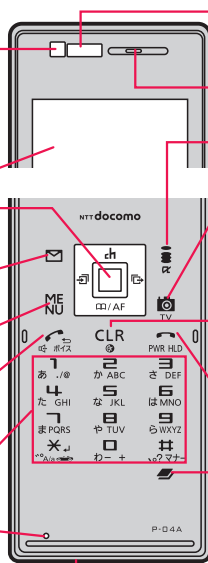
For turning on/off the power or ending calls

Multi key

For showing the Multitask menu

Connector terminal

Integrated terminal for connecting earphone or for charging, etc.



Using Earphone

Connect an optional connector-terminal-compatible earphone.

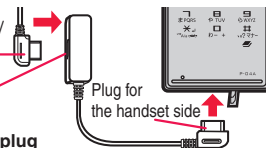
When using a connector-terminal-non-compatible earphone, use an optional plug adapter for connection.

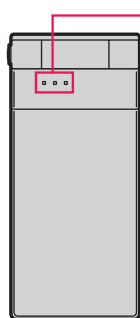
- When inserting or pulling the plug adapter, take hold of the plug for the handset side and insert or pull it straight. Be careful not to take hold of the cover of the connector terminal and plug for the handset side together when you pull it out.
- See page 29 for how to open the cover of the connector terminal.

Flat plug of the Flat-plug Earphone/
Microphone with Switch

Earphone terminal (Flat-plug)

**Example for connecting the Flat-plug
Earphone/Microphone with Switch (option)**

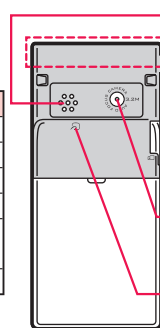


**Call/Charging indicator**

It lights/flickers for incoming calls/mail messages and during a call, by the following patterns:

	Left	Center	Right
Incoming call	Lights	—	Lights/Flickers [※]
Incoming mail	—	Lights	Lights/Flickers [※]
Missed call	Flickers	—	—
Unread mail	—	Flickers	—
Missed call/ Unread mail	Flickers	Flickers	—
Charging	—	—	Lights in red

※ Lights/flickers as you set for “Set color”.

**Speaker****FOMA antenna/1Seg antenna**

The antenna is embedded in the handset. Do not cover the antenna part with your hand for better communication/reception.

Camera

P-05A The camera is not mounted.

mark

Place this mark over the scanning device when you use OsaiFu-Keitai.

Strap hole**Side ▲ key**

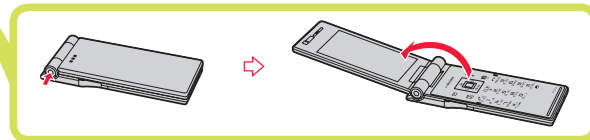
For turning up the earpiece volume or ring volume

Side ▼ key

For turning down the earpiece volume or ring volume

**One-push open button**

You can open the FOMA terminal by pressing the One-push open button. (Be careful not to drop the FOMA terminal by the rebound when opened.)

**microSD card slot**

For inserting a microSD card



How to Read Display

Battery level (estimate)



Full \longleftrightarrow Low

Radio waves reception level (estimate)



Strong \longleftrightarrow Weak



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



...New i-concier information exists.



...A microSD card is inserted.



...During Lock All



...Unread Messages R/F exist.



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

When this icon is shown, charge the battery.



Stand-by Display



Stand-by display at purchase

For the displays in "How to Read Display", the following settings are changed from the default Stand-by display.








- **[MENU]** → **SET./SERVICE** → **Display** → **Display setting** → **Stand-by display** → **OFF**
- **[MENU]** → **SET./SERVICE** → **Display** → **Display setting** → **Clock** → **Stand-by clock** → **[Position]** → **Pattern 1**

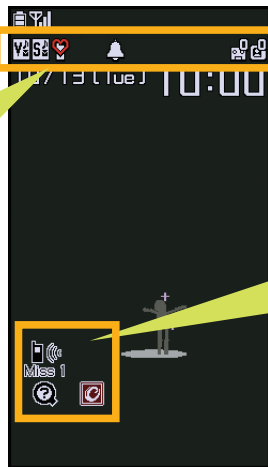
You can check the meanings of icons also by following operations.

Stand-by display → **[MENU]** → **SET./SERVICE** → **Display** → **Icons**











Status Icon

-  ...Vibrator is set.
-  ...Ring Volume is set to "Silent".
-  ...During Manner Mode
-   ...An alarm is set.
-  ...The number of record messages
-  ...The number of videophone record messages



Notification Icon

-  ...Missed call
Miss 1
-  ...Record message
Mss
-  ...Videophone record message
Mss
-  ...New i-mode mail or SMS
New 1
-  ...New Message R/F
New 1
-  ...New Message F/R
New 1
- Desktop Icon**
-  ...使いかたナビ (Guide)
-  ...i-concier

Proceed to Respective Functions from Icons

You can proceed to respective functions from "Status icon", "Notification icon", and "Desktop icon".

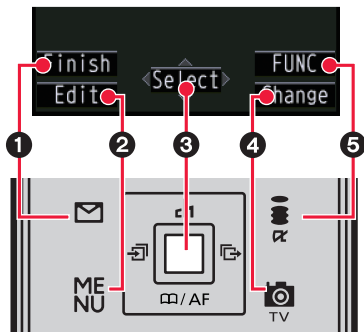
1. Stand-by display  Use  to highlight an icon  (select)



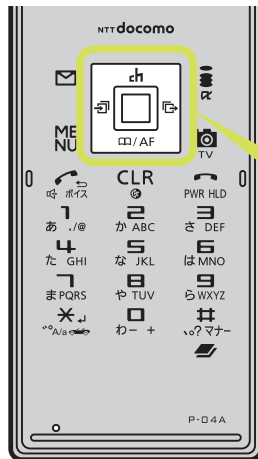
Executing Operations Shown at the Bottom of the Display

When you want to execute the operation shown at the lower part of the display, press the key corresponding to the display.

Basic display examples and key assignments



①	Indicates the operation you can perform with the key.	Finish
②	Indicates the operation you can perform with the key.	Edit
③	Indicates the operation you can perform with the key.	Select
	Indicates the operation you can perform with the key.	
④	Indicates the operation you can perform with the key.	Change
	P-05A Indicates the operation you can perform with the key.	
⑤	Indicates the operation you can perform with the key.	FUNC



Command Navigation Key



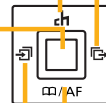
- Moves the cursor or highlighted display up. (Press and hold to scroll continuously.)
- Scrolls the page up.



- Moves the cursor to the right.
- Scrolls forward page by page. (Press and hold to scroll continuously.)



- Fixes the operation.



- Moves the cursor to the left.
- Scrolls back page by page. (Press and hold to scroll continuously.)



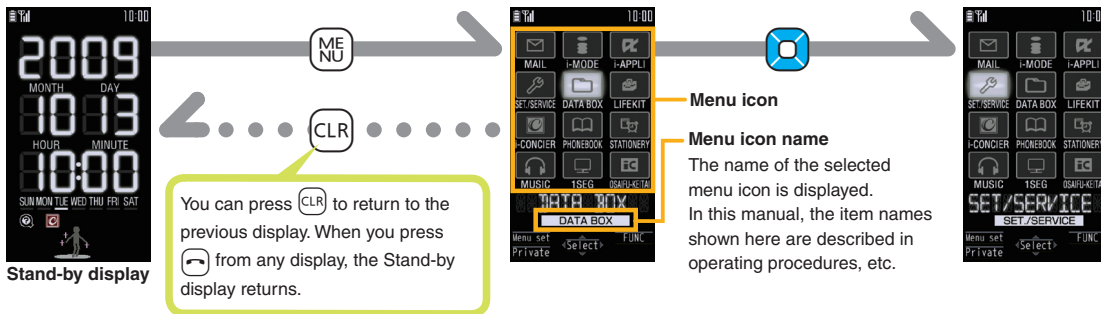
- Moves the cursor or highlighted display down. (Press and hold to scroll continuously.)
- Scrolls the page down.



Operating Menu

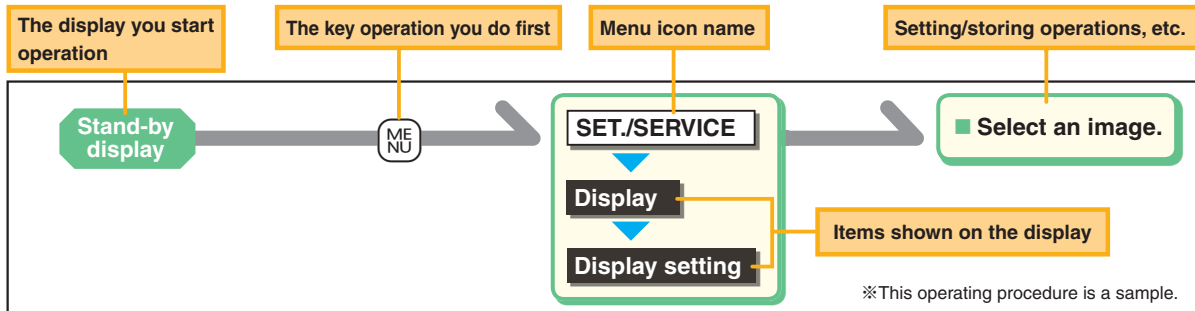
In this manual, the easiest operation to select a menu item is described.

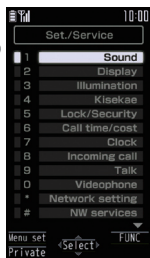
- Some menu functions can be operated by the keys other than **MENU**.



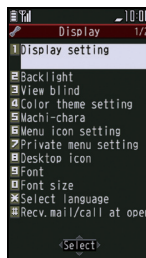
■ Descriptions for operating procedures in this manual

In this manual, above operation is described as below.





Use to highlight an item and press . Repeat selecting items to call up the target function.



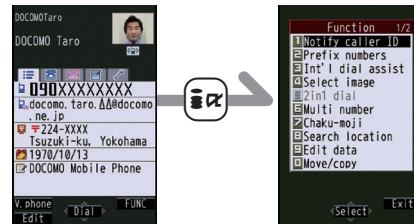
Point

- See "Function List" for the menu items of each function. (See page 110)

Function Menu

When (FUNC) is displayed at the lower right of the display while you are operating each menu, you can use specific functions such as Store, Edit, and Delete by pressing .

<Example> Display the Function menu of a Phonebook entry





Looking Up a Function You Want to Use

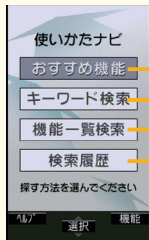
This function is available in Japanese Mode only.

Stand-by display



- Use to highlight “” (Guide icon), and press (選択)

- Select a search method.



— Displays the recommendable functions.

— Enter keywords and retrieve.

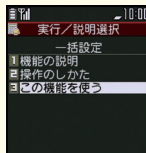
— Retrieves from the function list.

— Displays up to 30 search histories.

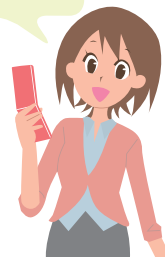
- Select a function you want to use

この機能を使う
(Operate function)

Executes the function.
Operate each function.



You can check the explanation of functions and operating method as well.



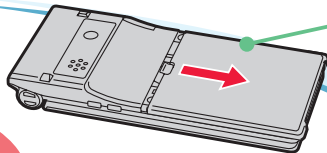


Attaching UIM (FOMA Card) and Battery



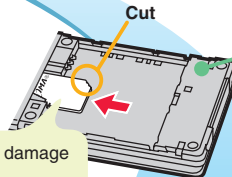
About UIM

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.



Remove the back cover

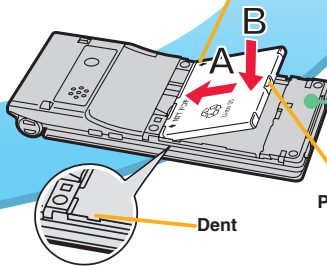
While pressing the surrounding part of "C", slide the back cover (2 mm or more) in the direction of the arrow to unlock it.



Insert the UIM

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

When you remove the UIM, pull it out slowly while sliding.



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 to the direction B while pressing it to the direction A.

When you remove the battery pack, lift it up with the projection of the battery pack.

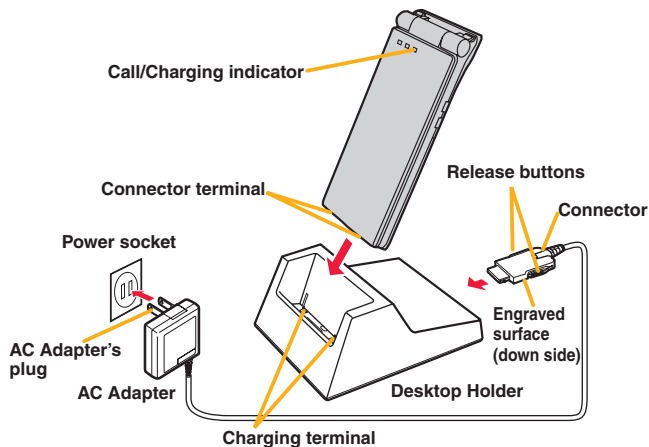
Attach the back cover

After placing the back cover on the FOMA terminal as illustrated above, slide it in the direction of the arrow and attach it in place.

- Make sure there is no gap between the back cover and the FOMA terminal, and slide the back cover to close it completely.
- If it is not completely closed, you may hurt your hand or fingers because it is made of metal.



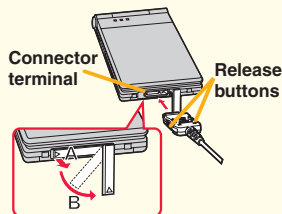
Charging Battery



- Plug the connector of AC Adapter (option) horizontally with its engraved side facing down into the connector terminal of the Desktop Holder (option).
- ▼
- Pull out the AC Adapter's plug, and plug it into a household power socket of 100 V AC.
- ▼
- Set the FOMA terminal onto the desktop holder securely.
 - Be sure to set the closed FOMA terminal onto the desktop holder.
 - Be careful that a commercial strap is not caught between the FOMA terminal and desktop holder.
- ▼
- When charging is completed, hold the desktop holder with fingers and lift up the head of FOMA terminal to remove.



When Charging Only with the AC Adapter



Into the connector terminal, insert the connector with the engraved surface facing up until it clicks. When pulling out, pull the connector straight while pressing the release buttons.

When charging the battery, place the cover of the connector terminal as illustrated.

Pull out the left side ("▷" mark side) of the connector terminal's cover to the direction A, and turn it to the direction B.

Point

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

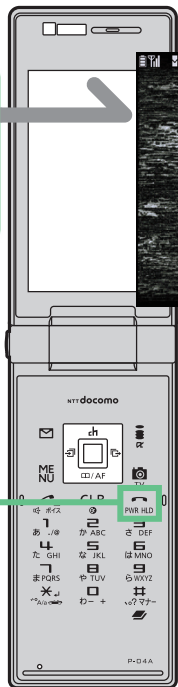




Turning Power ON

■ Press and hold for at least one second.

To turn power off, press and hold at least two seconds.



Stand-by display

When the Initial Setting display appears

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



This display is designed reflecting the image of tuning on the radio receiver.



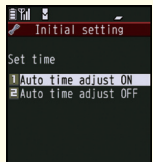
Switching to English Display

Stand-by display ▶ **ME** ▶ 設定/サービス (SET./SERVICE) ▶ ディスプレイ (Display)
▶ バイリンガル (Select language) ▶ **English** (英語)



Configuring Initial Setting

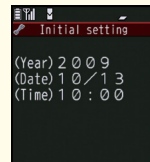
YES



Set the date and time.

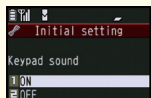
Auto time adjust ON

After confirming the current date and time, press (Set).



Set Keypad Sound and Font Size.

Select "ON" or "OFF" of Keypad Sound



Select a font size.

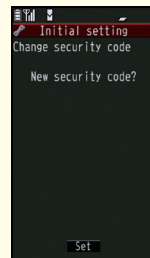


Set your Terminal Security Code. (See page 88)

Enter "0000"

Enter your new Terminal Security Code

YES



Point

- You can set each item afterward separately.
- The set date/time might be reset if the battery pack is left removed for a long time.
- When the time cannot be corrected automatically such as when is displayed and the date/time has not been set, the Manual Time Setting display appears.



Displaying World Time

Stand-by display



ME
NU

SET./SERVICE

Clock

World time watch

ON

- Use  to select an area and press  (Select).

The time of the specified area is displayed on the Stand-by display.



Summer Time

You can advance the time displayed for the overseas country you stay and for a region of World Time Watch by one hour.

Stand-by display  ME
NU  SET./SERVICE  Clock  Summer time  ON



Checking Your Own Phone Number



PHONEBOOK

Own number

Own number 090XXXXXXXX

From the display on the right, press (Edit) to store your name, mail address, etc.

After entering each item, press (Finish) to complete storing.

Notifying the Other Party of Your Phone Number



Stand-by display

MENU

SET./SERVICE

NW services

Caller ID notification

Activate

ON



Entering Characters

You can enter characters for storing Phonebook entries or composing mail messages.

■ Switch input modes.

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

- 漢: Kanji/Hiragana input mode
- ↓
- か: Katakana input mode
- ↓
- abc: Alphabet input mode
- ↓
- 123: Numeral input mode

Other Key Operations

(FUNC):

Enter "Pictograms", "Symbols", etc.

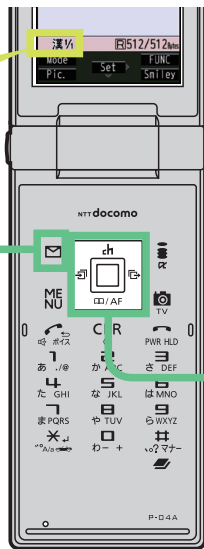
: Enter a line feed.

(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.

: Clear text.



■ Enter characters.

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

<Example> When you press

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」

■ Convert/fix characters.

Use to specify the area to be converted.

Use to move the cursor onto the candidate list.

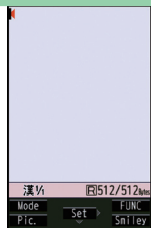
Use to select a conversion candidate.

Use to fix the character.



<Example> Entering “お菓子”

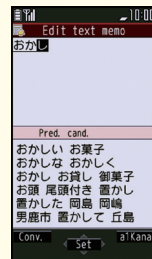
Character Entry display



- Enter hiragana characters in Kanji/Hiragana input mode.

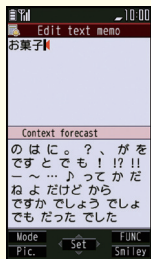
Press **1** five times,
press **2** once, and
press **3** twice.

When a character on the same key comes after a character such as “あ” and “い”, press **□** to move the cursor.



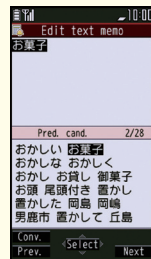
- Fix characters.

Use **□** to highlight “お菓子” and press **□** (Select).



- Convert into kanji characters.

Use **□** to move the cursor onto the candidate list.



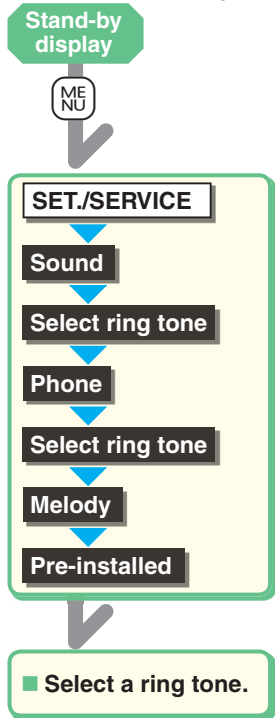


Changing Ring Tone



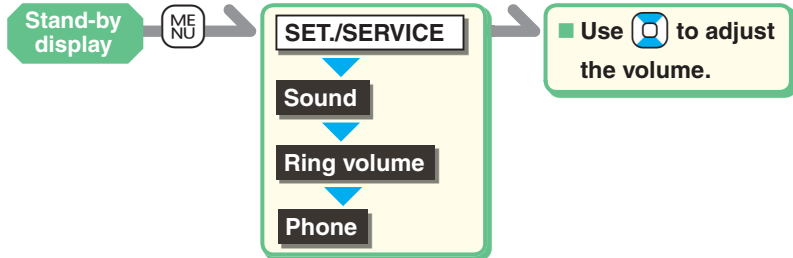
Settings

<Example> Changing the ring tone for incoming calls



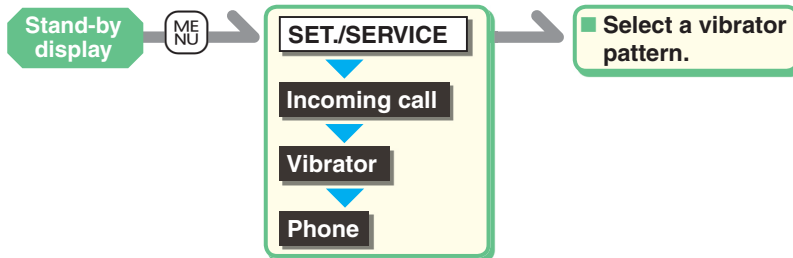
Ring Volume

You can adjust the ring volume.



Vibrator

You can set the vibrator to notify you of incoming calls.





Setting Color for Call/Charging Indicator and Others

Stand-by display

ME
NU

SET./SERVICE

Illumination

All illum. setting

When you set each illumination separately, select a type of illumination.

■ Select a pattern.

The indicator flickers in the set color when a mail message, etc., comes in.



Using Kisekai Tool

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

Stand-by display

ME
NU

SET./SERVICE

Kisekai



■ Highlight a Kisekai Tool file and press (Set all)

YES

Reset Changed Menu Icons

1. Stand-by display (FUNC) **Reset**
2. Enter your Terminal Security Code **Reset menu screen** **YES**





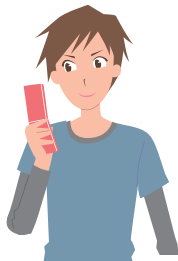
Changing Stand-by Display



Settings

Stand-by display

ME
NU



SET./SERVICE

Display

Display setting

Stand-by display

My picture

Pre-installed

Select an image.

When you set a movie (i-motion), select "i motion" instead.

When you set an image downloaded from a site, select "i-mode".

Backlight

You can set the light for display and keypad to OFF.



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

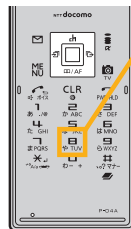


To Set Back to ON

Perform the same operation.

View Blind

You can make the display hard to see from people around.



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



To Release

Perform the same operation.



Menu Icon Setting

You can set the display of Main Menu.

Stand-by display

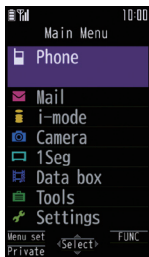


Menu set



Select a pattern.

When you set to "Simple menu", Main Menu switches to a menu of basic functions for easy operation.



Font Size

You can change the font size.

Stand-by display



SET./SERVICE

Display

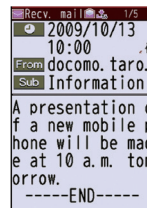
Font size

Set at one time

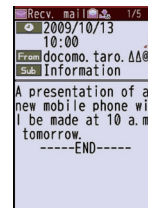


Select an item.

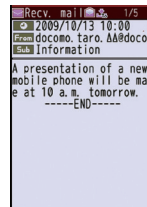
When the font size is set, the displays are shown as below:



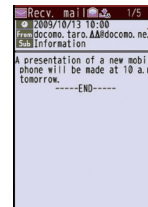
Extra large



Large



Standard



Small




Making a Call

Stand-by display



■ Enter a phone number, starting with a city code.

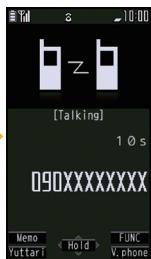


■ Press  to end the call.




Calls


When you make a videophone call, press  (V. phone) instead of .




Display during Videophone Calls


 (Change): Switch the display locations of the received image and sent image.

 Press .

 : Adjust the magnification.

Yuttari Talk

You can slow down the other party's speaking speed by pressing  (Yuttari) during a voice call.

Press  (Normal) again to return to the normal speed.

Receiving a Call

■ A call comes in.







■ Press  to end the call.

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

When a Videophone Call Comes in

You can receive the videophone call with the same operation.

Use Call Records to Make a Call

Stand-by display ▶  (Received calls) or  (Redial) ▶ Select a call record ▶  ▶ Press  to end the call.

The phone number you dialed or you received a call from is stored as a record. You can make a call using the record.



Point

- DOCOMO videophones conform to 3G-324M, standardized by the international standard 3GPP. You cannot connect to the videophone that uses a different format.
 - **3GPP (3rd Generation Partnership Project):**
This is the regional standards organization for developing common technical specifications for third-generation mobile telecommunication systems (IMT-2000).
 - **3G-324M:**
This is the international standard for the third generation of mobile videophones.
 - This FOMA terminal supports only 64 kbps communication speed of the videophone.
You cannot talk on the videophone at 32 kbps communication speed.
 - 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.
- P-05A** You cannot send the image through your camera because this FOMA terminal has neither outward-facing camera nor inward-facing camera.



When You cannot Answer a Call

By activating Record Message in advance, you can record a caller's voice/video message when you cannot answer a call.

- When a call comes in, an answer message is played back after the ring time elapses. Then, the caller can record a voice/video message.

Activate Record Message

Stand-by display



LIFEKIT

Rec.msg/voice memo

Record message setting

ON

■ Select an answer message

■ Enter a ring time (seconds).

Point

Record Message is not available when the FOMA terminal is out of the service area or turned off and cannot receive calls.

Play Back Record Message

Stand-by display



LIFEKIT

Rec.msg/voice memo

Play/Erase msg.

■ Select a record message.



As callers' messages are recorded to your FOMA terminal, you are not charged for recording/playback operations.

For Videophone Record Message

Select "Play/Erase VP msg."

Press (Erase) and select "YES" to erase a record message being played back.

Put a Call on Hold during a Call/while Ringing

<While ringing> While ringing Press to release hold and answer the call.

- The caller is charged for the call even while the call is on hold.

<During a call> During a call (Hold) Press to release hold and answer the call.

- The caller is charged for the call even while the call is on hold.

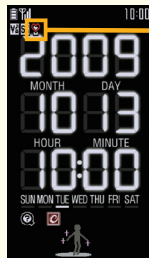


Setting Manner Mode

Just by pressing a key, you can set to mute the tones from the FOMA terminal such as a ring tone and keypad sound.



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



♥ M appears on the Stand-by display.

To Release

Perform the same operation.



When you activate Manner Mode, the vibrator instead of the sound notifies you of incoming calls, etc.



Calls

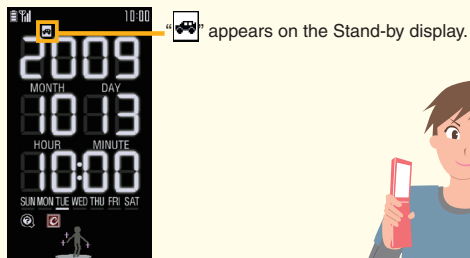
Using Public Mode

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.

Once you activate Public Mode (Power Off), the guidance is played back for a call coming in 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.

Public Mode (Drive Mode)

- Press and hold for at least one second from 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.

Public Mode (Power Off)

Stand-by display

- Enter *25251.



To Deactivate

Stand-by display ▶ *25250 ▶



Using Network Services

Available Network Services

The following are the DOCOMO network services available from 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
Voice Mail Service	Required	Charged
Call Waiting Service	Required	Charged
Call Forwarding Service	Required	Free
Nuisance Call Blocking Service	Not required	Free
Caller ID Notification Service	Not required	Free
Caller ID Display Request Service	Not required	Free
Dual Network Service	Required	Charged

Service	Application	Monthly fee
English Guidance	Not required	Free
Multi Number	Required	Charged
2in1	Required	Charged
Public Mode (Drive Mode)	Not required	Free
Public Mode (Power Off)	Not required	Free
OFFICEED	Required	Charged
Melody Call	Required	Charged

- "OFFICEED" is a pay service which is available on a subscription basis.
For details, visit the DOCOMO-enterprise-oriented website (in Japanese only). <http://www.docomo.biz/d/212/>
- "Deactivate" does not mean that the contract for Voice Mail Service, Call Forwarding Service or other services is canceled.
- You can store new network services in the menu when they are provided by DOCOMO.
- In this manual, a brief outline for each network service is described following the procedure using the menus of the FOMA terminal.



Using Network Services (Continued)

■ Voice Mail Service

• Activate

Stand-by display ►  ► SET./SERVICE ► NW services ► Voice mail ► Activate ► YES ► YES ► Enter a ring time (seconds).

• Deactivate

Stand-by display ►  ► SET./SERVICE ► NW services ► Voice mail ► Deactivate ► YES

• Play messages

Stand-by display ►  ► SET./SERVICE ► NW services ► Voice mail ► Play messages ► Play (voice call) or Play (videophone) ► YES
► Operate following the voice guidance.

■ Call Waiting Service


• Activate

Stand-by display ►  ► SET./SERVICE ► NW services ► Call waiting ► Activate ► YES

• Deactivate

Stand-by display ►  ► SET./SERVICE ► NW services ► Call waiting ► Deactivate ► YES

• Answer an Incoming Call during a Call

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

■ Call Forwarding Service

• Activate

Stand-by display ►  ► SET./SERVICE ► NW services ► Call forwarding ► Activate ► Register fwd number
► Enter the phone number of forwarding destination ► Set ring time ► Enter a ring time (seconds) ► Activate ► YES

• Deactivate

Stand-by display ►  ► SET./SERVICE ► NW services ► Call forwarding ► Deactivate ► YES



Services Available for FOMA Terminal



Available services	Phone number
Directory assistance service (Charges apply: guidance fee + call fee) ※Listed phone numbers only can be given.	(No prefix) 104
Telegrams (Telegram charges apply)	(No prefix) 115
Time check (Charges apply)	(No prefix) 117
Weather forecast (Charges apply)	City code of the desired area + 177
Emergency calls to police	(No prefix) 110
Emergency calls to fire station and ambulance	(No prefix) 119
Emergency calls for accidents at sea	(No prefix) 118
Disaster messaging service (Charges apply)	(No prefix) 171
Collect calls (Charges apply: guidance fee + call fee)	(No prefix) 106

Point

- When using the collect call (106), the recipient is charged a call fee and handling fee ¥90 (¥94.5 with tax) for each call. (As of December 2008)
- When using the directory assistance service (104), you are charged a guidance fee ¥100 (¥105 with tax) plus a call fee. For whom having weak eyesight or handicapped arms, the guidance is available charge free. For more details, dial 116 (NTT inquiry counter) from land-line phones. (As of December 2008)
- This FOMA terminal supports “Emergency Location Report”.
When you make an emergency call such as at 110/118/119, 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 dialed or radio wave conditions.
When you do not notify your phone number by call such as by adding “184”, 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 protection of human life, they might be notified regardless of your setting.
The region and timing “Emergency Location Report” is 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 then precisely notify your phone number and actual location. Further, remain still while talking to prevent your call from being disconnected. Do not turn off the power immediately after the call, but instead make sure that your phone can receive calls for at least 10 minutes.
- You might not be connected to regional police/fire station depending on the area from where you call. If this happens, use public phones nearby or land-line phones.
- If you use “Call Forwarding Service” for the land-line phone and specify a mobile phone as the forwarding destination, callers may hear ringback tone even when the mobile phone is busy, out of the service area, or the power is turned off depending on the settings of the land-line phone/mobile phone.
- Note that the FOMA terminal is not available to 116 (NTT inquiry counter), Dial Q2, Message Dial, and credit call services. (You can use auto credit call to the FOMA terminal from land-line phones or public phones.)

Storing a Phonebook Entry



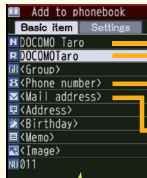
Stand-by display



(for at least one second)

Phone

Enter each item.



Enter a name.


Enter a reading.

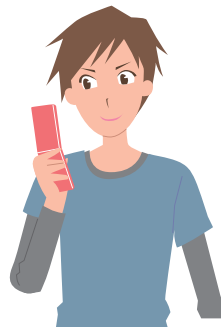
Enter a phone number.

Enter a mail address.



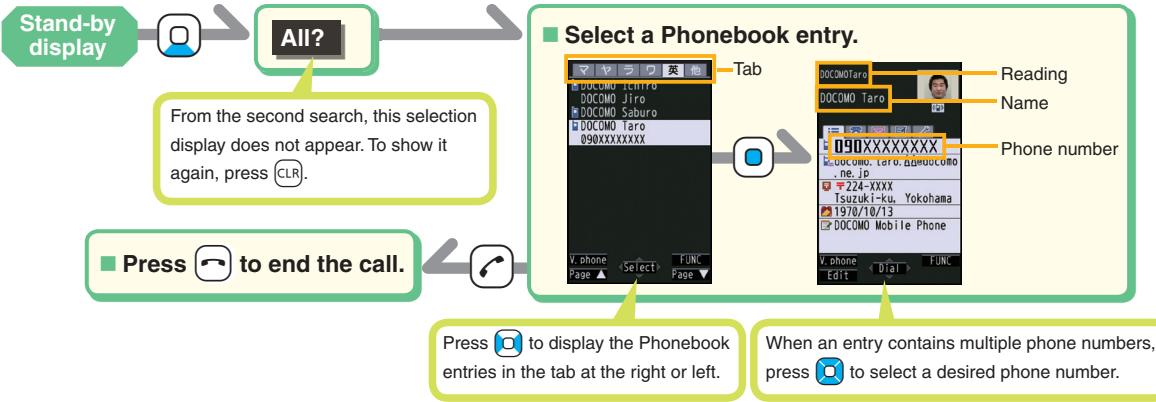
The display for entering a name appears. Enter a name and proceed.

You can store a postal address and birthday as well. You can also separately set a ring tone or mail ring tone for the party of the Phonebook entry by pressing  to show the "Settings" display.



Calls

Making a Call by Using the Phonebook



Delete a Phonebook Entry

Stand-by display → **[Call]** → Select a Phonebook entry → **[Delete]** → **FUNC** → **Delete data** → **This phonebook** → **YES**



Making an International Call

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

■ WORLD CALL

WORLD CALL is the international call service available from DOCOMO mobile phones.

When you have signed up for FOMA service, you have contracted to use "WORLD CALL" (except those who have applied not to use it).

- You can make calls to about 240 countries and regions.
- The WORLD CALL charges are added to your monthly bill for FOMA service.
- The application/monthly fee is free of charge.
- The service is not available with some billing plans.
- 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.
- The caller ID might not be notified, or might not be displayed correctly depending on the carrier. In this case, you cannot make a call by using Received Calls.

Stand-by display

○ (for at least one second)

Country/area code

Area code (city code)

Destination phone number



Dial

Press to end the call.

Press (V. phone) to make an international videophone call.

When the area code (city code) begins with "0", enter it except for the "0". However, include "0" when making a call to some countries or regions such as Italy.



Using Overseas

You can use International Roaming (WORLD WING) when you make a call overseas.

■International Roaming (WORLD WING)

International Roaming (WORLD WING) is a service that enables you, using local carrier's networks, to make calls or to communicate even in the foreign countries which are out of the service area of the FOMA network.

- There are communication systems of 3G Network, GSM Network, and GPRS Network as the main networks overseas.
- At the time of purchase, the FOMA terminal is set to automatically switch networks in foreign countries.
- Overseas use fee is added to your monthly bill. You might be requested, however, to pay the fee with the bill for the following month or later depending on the overseas carrier of your stay. Note that the usage amount to be paid for a month might not be charged in the same month.
- When a call comes in during international roaming, the call is forwarded from Japan. The caller is charged a call fee to Japan and the receiver is charged a receiving fee.
- Refer to the following booklets before you use your FOMA terminal overseas:
 - “Mobile Phone User's Guide [International Services]”
 - “Mobile Phone User's Guide [Network Services]”
 - “海外ご利用ガイド (Guide for Overseas Use)” pre-installed in the “i-mode” folder of “My documents” in Data Box



Using Overseas (Continued)



Calls

■ Available services overseas

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

○: Available —: Not available

※1 In B Mode or Dual Mode of 2in1, you cannot make calls from Number B.

※2 You need to make overseas usage settings for i-mode.

※3 You need to make i-Channel settings. You are charged a packet communication fee each time you receive i-Channel messages (including the basic channel).

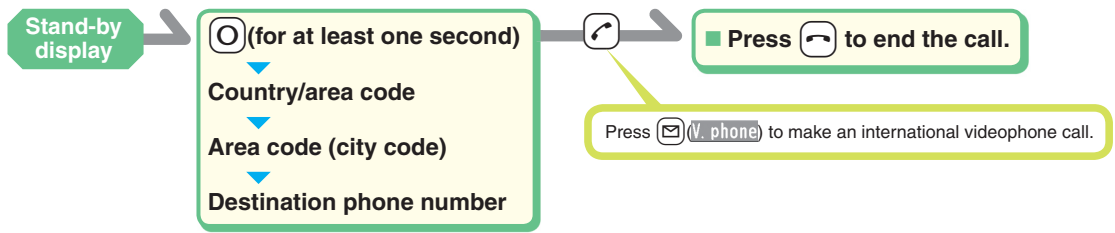
※4 You need to make overseas usage settings for i-concier. You are charged a packet communication fee each time you receive information.

Point

- Some services are not available depending on the carrier or network.
For connectable countries, regions, and carriers, refer to the DOCOMO Global Service web page.
- The packet communication fee for the overseas use differs from the one for the use in Japan.



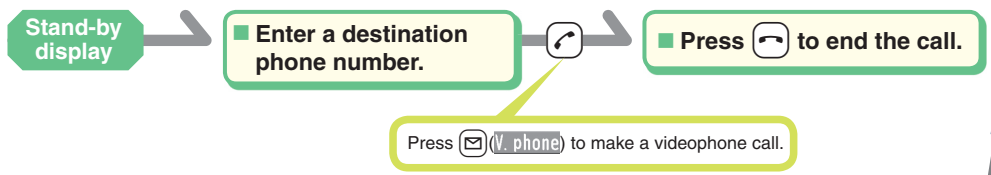
Making a Call to Outside the Country You Stay (Including Japan)



Point

- Enter “81” as a country/area code when you make an international call to Japan or you make a call to another WORLD WING user.
- When the area code (city code) begins with “0”, enter it except for the “0”. However, include “0” when making a call to some countries or regions such as Italy.

Making a Call to a Person in the Country You Stay





Using i-mode Mail

Once you subscribe to i-mode, you can exchange e-mails over the internet as well as among i-mode phones.

You can attach images, etc., besides mail text. You can easily compose and send expressive mail messages using Deco-mail pictograms.

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

Sending i-mode Mail

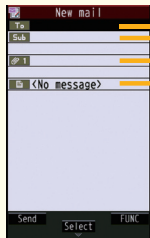


Mail

Stand-by display



Enter each item.



- Enter a mail address.
- Enter a subject.
- Select a file such as an image.
- Enter text.




You can enter pictograms by pressing while composing a text message.



Displaying Received i-mode Mail

Stand-by display



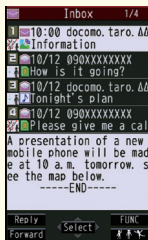
When you receive an i-mode mail message,  appears on the Stand-by display.

Inbox




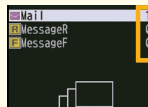
Select a folder

Select an i-mode mail message.



Check New Messages

By pressing and holding  for at least one second, you can check with the i-mode Center for a new mail message or Message R/F. 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.

Early Warning "Area Mail"

As an Area Mail message, you can receive information such as emergency earthquake alerts distributed from the Japan Meteorological Agency.

When you receive an Area Mail message,  lights.

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


SMS

The destination address is a phone number, so you can send messages even if you do not know the mail address of the destination FOMA terminal.

Message R/F

This service automatically delivers news, etc. Message R (Request) and Message F (Free) are available for message type.

Reply to i-mode Mail

Press  (Reply) while i-mode mail is displayed. Enter text and then send.



Mail



Using i-mode



i-mode is a service that enables you, using the display of the FOMA terminal supporting i-mode (i-mode phone), to use online services such as site (program) 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”.

■ Before Using i-mode

- Contents of sites (programs) and web pages (Internet web pages) are generally protected by copyrights law. Data such as text and images that you obtained to the i-mode phone from sites (programs) and Internet web pages can be used for personal entertainment but cannot be used in whole or in part, as it is or after modification, for commercial purposes or sent as e-mail attachments or output from your i-mode phone to other devices, unless you have permission from the copyright holders.
- If you replace the UIM with another one or turn on the power with the UIM not inserted, you cannot display/play back files, depending on the model, such as still images/movies/melodies obtained from sites, attached files (still images/movies/melodies and other files) sent/received by mail, screen memos, or Messages R/F.
- When the file whose display and/or playback is restricted by the UIM is set for the Stand-by display or specified ring tone, the FOMA terminal works with the default contents when you replace the existing UIM with new one or turn on the power with the UIM not inserted.

■ About “P-SQUARE”

You can download the pre-installed i-appli programs, Chara-den images, Machi-chara images, Kisekai Tool files, templates, dictionaries, and Deco-mail pictograms from the “P-SQUARE” site (in Japanese only).

☎ Menu → メニューリスト (Menu List) → ケータイ電話メーカー (Mobile Phone Maker) → P-SQUARE



QR code for
accessing the site

Accessing Sites

Stand-by display



Return to Previous Page/Go to Next Page

Press to return to the previous page and press to go to the next page.

Change to Menu in English

Stand-by display Menu English





Using i-αpli

“i-αpli” 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.

※ You are separately charged a packet communication fee.

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



Site Access

Downloading i-αpli

Select a software program from an i-αpli obtainable site.

OK

YES

Starting i-αpli

Stand-by display



(for at least one second)

Select a software program.



■ The following i-αpli programs are pre-installed:

- ケータイTOOL<GLOBAL> (Keitai Tool <GLOBAL>)
- ズーキーパー DX Ver.P (ZOOKEEPER DX Ver.P)
- Gガイド番組表リモコン (G Guide Program List Remote Control)
- iD 設定アプリ (iD Setting Application)
- DCMX クレジットアプリ (DCMX Credit Application)
- 楽オク出品アプリ2 (Rakuoku Exhibition Application 2)
- 地図アプリ (Map Application)
- i アプリバンキング (i-αpli Banking)

※ For how to operate, refer to Help for each software program.

※ You can delete the pre-installed i-αpli programs.

You can re-download them from the “P-SQUARE” site.

■ Deadlines for re-download services

“ケータイTOOL<GLOBAL> (Keitai Tool <GLOBAL>)”, “ズーキーパー DX Ver.P” (ZOOKEEPER DX Ver.P): the end of January, 2013

※ The re-download service might be halted or closed without notice even in the service period.



Using i-motion

i-motion is a data file composed of video, sound and music, and you can play it back after downloading from an i-motion compatible site into your FOMA terminal. You can also set it for a ring tone.

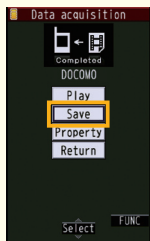
Downloading i-motion

- Select an i-motion movie from an i-motion obtainable site.

Save

YES

- Select a folder.



Playing Back i-motion

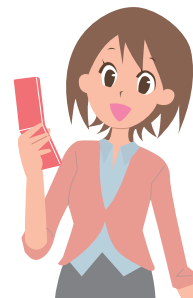
Stand-by display

ME
NU

DATA BOX

i motion

- Select a folder
- Select a file.





Using 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.

There are two kinds of i-Channel as below:

“Basic channel” Provided by DOCOMO

(You are not charged a packet communication fee for auto-updates of information.)

“Favorite channel” Provided by IPs (Information Providers)

(You are separately charged a packet communication fee for auto-updates of information.)

Note that you are separately charged a packet communication fee for browsing detailed information for both “Basic channel” and “Favorite 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.



Site Access

Connecting to i-Channel



明日の天気：東京★最高

Ticker



Select each channel to browse its detailed information.





Using i-concier

i-concier is a service that a character (Machi-chara image) on the Stand-by display supports your life as a “concierge”. With i-concier, you can receive the information of train status or other daily necessities, download schedule events/i-schedule events, and save/update the Phonebook entries, ToruCa files, and schedule events/i-schedule events.


■ Before Using i-concier

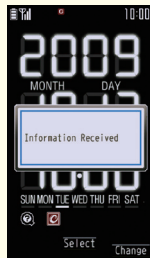
- i-concier is a pay service which is available on a subscription basis (You need to subscribe to i-mode to apply for i-concier).
- If you have not subscribed to Data Security Service but will newly subscribe to i-concier, you will subscribe to Data Security Service as well as i-concier.
- There are two kinds of information; one is sponsored by DOCOMO and the other is by IPs (Information Providers). You are not charged a packet communication fee for DOCOMO-sponsored information when receiving it. You are separately charged a packet communication fee for IP-sponsored Information when receiving it.
- You are separately charged a packet communication fee for using detailed information.
- While using the international roaming service, you are charged a packet communication fee for both receiving information and browsing detailed information. The packet communication fee for the overseas use differs from the one for the domestic use.
- Depending on the contents (information, i-schedule, and others), you might be separately charged an information fee besides the i-concier monthly fee.
- You are separately charged a packet communication fee for auto-updates of i-schedule, ToruCa, and Phonebook.
- For details on i-concier, refer to “Mobile Phone User’s Guide [i-mode] FOMA version”.



Using i-concier (Continued)

Receiving Information

- When you receive information, “” blinks and the content is displayed on the Stand-by display.



- Select a message.

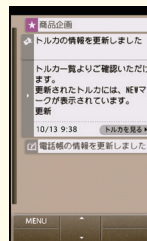
Displaying i-concier Files

Stand-by display

ME
NU

i-CONCIER

- Select a piece of information.



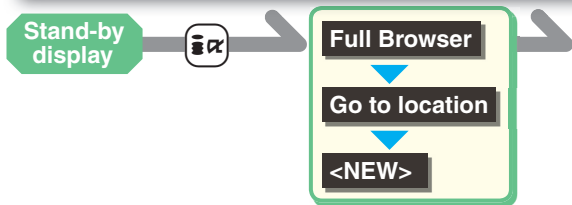


Using Full Browser

You can browse Internet web pages 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 web pages having many images or downloading data files. For details on the packet communication fee, refer to “Mobile Phone User’s Guide [i-mode] FOMA version”.
- You can browse Internet web pages composed of frames. You can select a frame to display it as well.
- You can display SSL/TLS*-compatible pages via Full Browser.

※SSL and TLS are the methods of safer data communication using authentication/encryption technology to protect your privacy. SSL/TLS pages prevent eavesdropping and information alteration during communication by exchanging encrypted data files. Further, server authentication prevents web spoofing, thus making your personal information such as credit card number or postal address exchanged safer.



Point

- You might not correctly display some Internet web pages.

■ Enter a URL.

OK

You can access an Internet web page.

Operations on the Full Browser display

- 1** : Return to previous page.
- 3** : Go to next page.
- 7** : Reduce display size.
- 8** : Display in standard size.
- 9** : Enlarge display size.





Shooting with Camera

P-05A The camera function is not available.

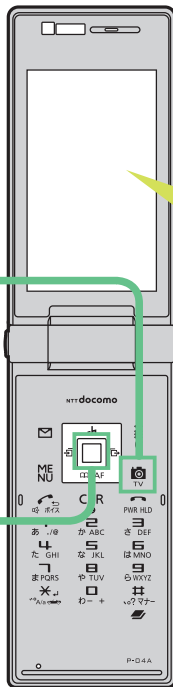
Stand-by display

Start the camera.

Record

Save

For still image



Finder Display

Camera mode

Still image shooting (photo) mode

Movie shooting (movie) mode

Focus

Press to adjust the focus.

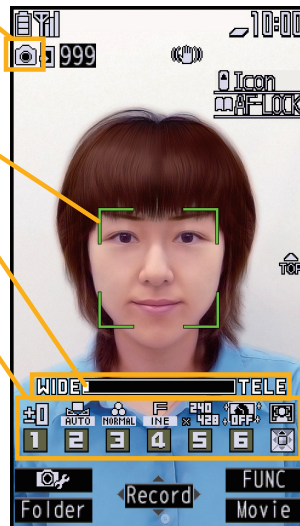
Zoom

Press to adjust the magnification.

Settings

You can change settings by the corresponding key.

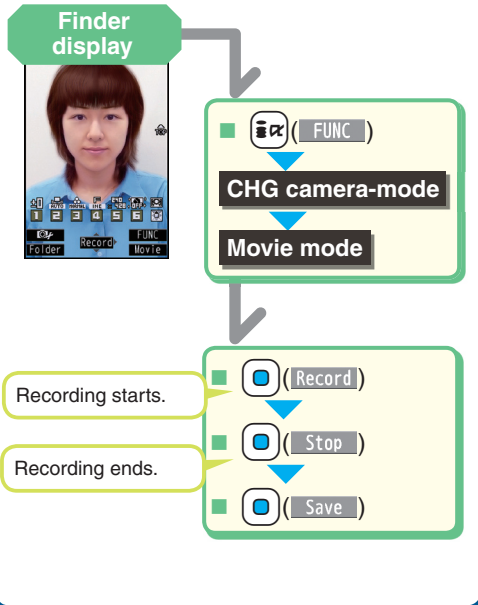
- ①: Brightness ()
- ②: White balance ()
- ③: Photo mode ()
- ④: Image quality ()
- ⑤: Image size ()
- ⑥: High sensitivity ()
- : Focus ()



Switching Camera Modes

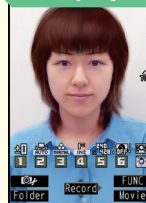
From the Function menu of the Finder display, you can switch to "Photo mode", "Movie mode", "Continuous mode", and "Bar code reader".

<Example> Recording a movie in the Movie mode



Viewing a Still Image

Finder display



ME NU (Folder)

Select a still image.



- Do not leave the FOMA terminal with the lens pointing direct to the sunlight. Pixels may be discolored or burns may result.
- When the battery level is low, you may not be able to save shot still images or movies.
- You need to obtain a microSD card separately to use the functions related to the microSD card.



Shooting with Camera (Continued)

Scanning a Bar Code

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

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

■When scanning with Bar Code Reader

- Take the code as large as possible within the guide frame.
- Autofocus works when you scan a code about 10 cm or more away from it.

When you scan a code in the out-of-focus state, the recognition rate lowers.

- Scan so that the camera is in parallel with the code.



■QR Code

QR Code is one of the 2-dimensional codes that denotes data in the vertical and horizontal directions. Kanji, katakana, alphanumeric characters, and pictograms are displayed when you scan it. Some QR codes have image or melody information.




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



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



QR code for accessing the site

1. Stand-by display ▶  ▶ LIFEKIT ▶ Bar code reader
2. Scan code ▶ Fit a QR code to the guide frame and press  ▶ 
3. Select a URL ▶ i-mode ▶ YES





Watching 1Seg

1Seg is a service provided by television entrepreneurs (broadcasting stations).

You are not charged a communication fee for receiving audio and video. For viewing fee of 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 web pages as follows:

The Association for Promotion of Digital Broadcasting

From personal computers: <http://www.dpa.or.jp/english/>

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

※ 1Seg is not available overseas.

■ Radio waves

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

1Seg might not work correctly in the following places:

- Places far away from the radio tower that transmits 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 the 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 from the confirmation display for about one minute, 1Seg automatically terminates.

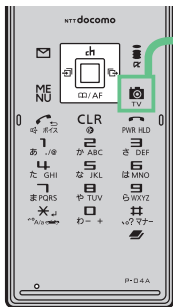
■ Messages on the display when you use 1Seg for the first time

When you use 1Seg for the first time after purchase, the Exemption Clause Confirmation display appears. If you select "NO" from the confirmation display which appears after pressing  (OK), the same confirmation display does not appear afterward.

- The Exemption Clause Confirmation display also appears when you replace the UIM with another one or remove the UIM.



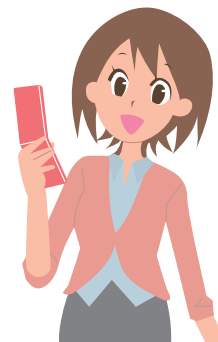
Watching 1Seg (Continued)



■ Press and hold for at least one second from the Stand-by display to start 1Seg.

P-05A Press and hold  for at least one second.

- When you have not stored any channel list, select “OK” and execute Channel Setting.



Setting Channels

When you activate 1Seg for the first time or change the area you are in, you need to operate “Channel setting”.

Stand-by display

ME NU

1SEG

Channel setting

Select area

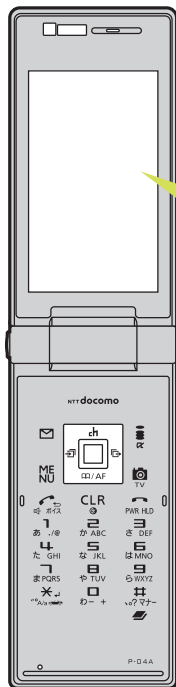
■ Select an area

■ Select a prefecture

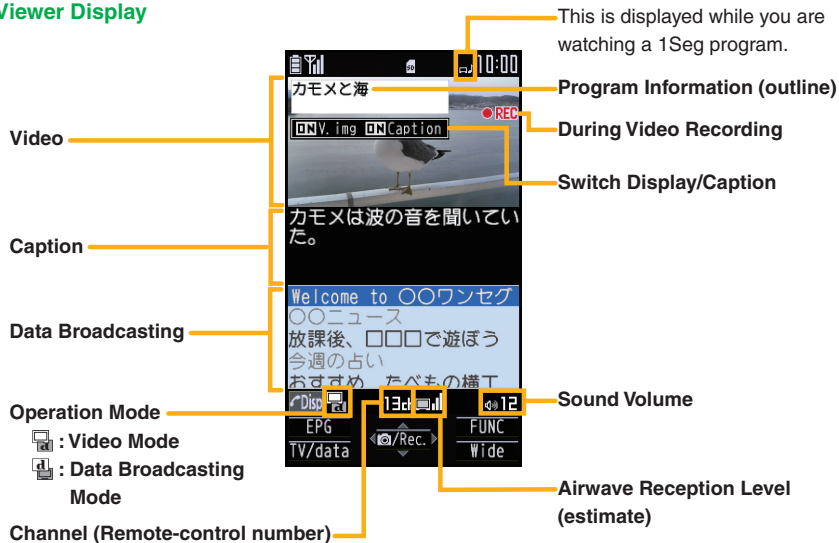
YES

Broadcasting stations set by prefecture are stored to a channel list.
Select a stored channel list and then select a broadcasting station to watch a 1Seg program.





Viewer Display



About the Operation on the Viewer Display

- : Sound volume adjustment
- (for at least one second): Video recording
 - The recorded video is saved to the microSD card (**DATA BOX** → **1Seg** → **Video**).
- : Channel selection





Using Music&Video Channel

Music&Video Channel is a service which automatically delivers up to about one-hour programs at night by just setting your favorite music programs in advance.

Further, you can enjoy high-quality movie program of up to about 30 minutes. Programs are updated periodically and you can enjoy the delivered programs at your convenient time such as on commuting.

- For the details on Music&Video Channel, refer to “Mobile Phone User’s Guide [i-mode] FOMA version”.

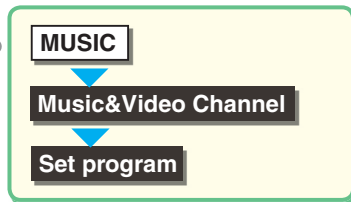
■ Before using Music&Video Channel

- Music&Video Channel is a pay service which is available on a subscription basis. (To apply for Music&Video Channel, you need to subscribe to Pake-hodai, Pake-hodai full or Pake-hodai double besides i-mode.)
- Other than the service fee for using Music&Video Channel, you might be separately charged 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.
- If you cancel your i-mode contract, program files in the Downloaded Program folder might be deleted.
- You cannot set or obtain programs during international roaming.* Take procedures to halt the distribution of programs before going abroad. Then, after homecoming, resume receiving distribution.
※Note that you are charged a packet communication fee for the i-mode access if you try to set or obtain programs during international roaming.



Step 1 Obtaining a Program

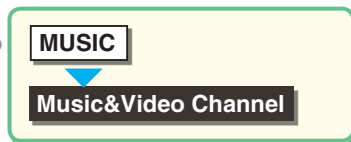
Stand-by display



Follow the instructions on the display to set a program.

Step 2 Playing Back Programs

Stand-by display



Select a program.

Operation while Playing Back a Music&Video Channel Program

: Halt

: Pause

: Sound volume adjustment

(Press and hold): Fast forward

(Press and hold): Fast rewind

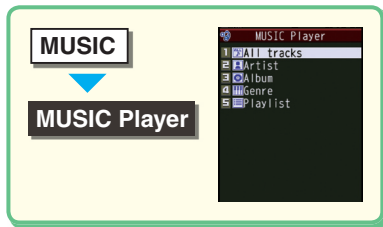




Listening to Music

Stand-by display

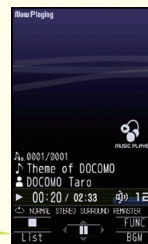
ME
NU



Operations for when Playing Back Music

- Halt
- Pause
- Sound volume adjustment
- Next music file
- Previous music file or top of the music file
- (Press and hold) : Fast forward
- (Press and hold) : Fast rewind

Select a music file.



Point

- You can listen to downloaded Chaku-uta Full® music files or music files obtained from a personal computer. “Chaku-uta Full” is a registered trademark of Sony Music Entertainment Inc.

■ Handling Music Files

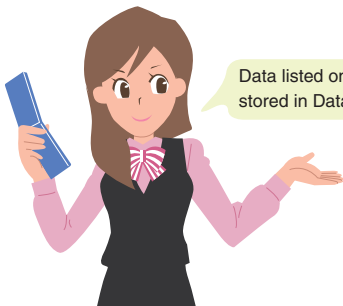
You can use music files saved on the microSD card for personal use only. Before using, give enough consideration not to infringe on the third party's intellectual property rights or other rights such as copyright.



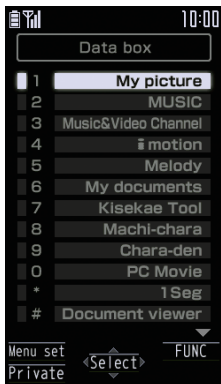




Managing Data



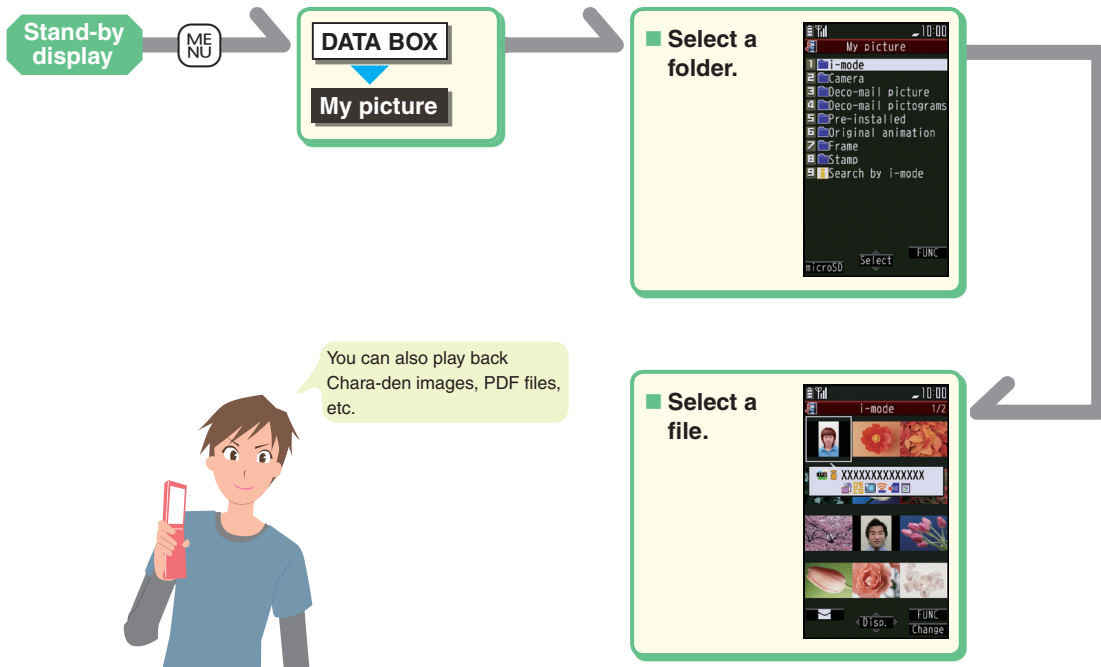
Data listed on the right can be stored in Data Box.



My picture	Machi-chara
Still images shot by the camera, etc.	Downloaded Machi-chara images
MUSIC	Chara-den
Chaku-uta Full® music files obtained from sites, etc.	Downloaded Chara-den images
Music&Video Channel	PC Movie
Downloaded programs	PC movies saved by a personal computer
motion	1Seg
Movies recorded by the camera, etc.	Still images/video files recorded by 1Seg
Melody	Document viewer
Downloaded melodies, etc.	Word/Excel files saved from mail (attached files), etc.
My documents	SD other files
Downloaded PDF files, etc.	Incompatible files saved from mail (attached files)
Kisekai Tool	
Downloaded Kisekai Tool files, etc.	

Displaying Data

<Example> Displaying a still image





Using microSD Card

You need to separately obtain a microSD card to use the functions related to the microSD card.

- The FOMA terminal supports a commercial microSD card of up to 2 Gbytes and microSDHC card of up to 16 Gbytes (As of December 2008).
- 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.




QR code for
accessing the site

From i-mode to P-SQUARE (As of December 2008)

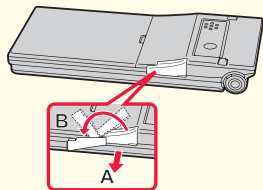
☎ Menu → メニューリスト (Menu List) → ケータイ電話メーカー (Mobile Phone Maker) → P-SQUARE

From personal computers <http://panasonic.jp/mobile/>

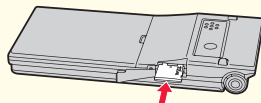
Note that the published information is the result obtained from the operation check but does not necessarily guarantee all performances of those microSD cards.

- During the card-processing, “” is displayed. During the card-processing, never remove the microSD card or turn off the FOMA terminal. Check that the card-processing is not underway, turn off the FOMA terminal, and then remove the microSD card.
- When the FOMA terminal or microSD card has many data files, it may take longer to access the files.
- The microSD card has an operating life. If you use the microSD card for a long time, you may not be able to write new data on it, or the card may be disabled.
- You may not be able to use the microSD card formatted on a personal computer and other devices. Be sure to use the microSD card formatted with the FOMA terminal.
- Note that formatting deletes all the contents on the microSD card.
- If you read/write data from/on a microSD card using a device other than this FOMA terminal, the microSD card might become unusable depending on the device or operations.
- When you insert a microSD card which has been used on another device such as a personal computer into the FOMA terminal, new files and folders to be used in the FOMA terminal are created.

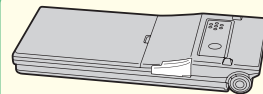
Inserting microSD Card



- To open the cover of the microSD card slot, pull it out in the direction of A and then turn it in the direction B.



- Turn the metallic terminal surface downward, check that the cut portion comes to the right, and then insert the microSD card.



- Close the cover of the microSD card slot.

When You Remove the microSD Card

Push the microSD card until it stops and remove it.

Point

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

■ Icons on the display



: You can save and read data.



: Data is being read/written.

Do not remove the microSD card nor turn off the FOMA terminal when this icon is shown.



: The microSD card is write-protected.



: You cannot use the microSD card. Remove the microSD card and then insert it again.

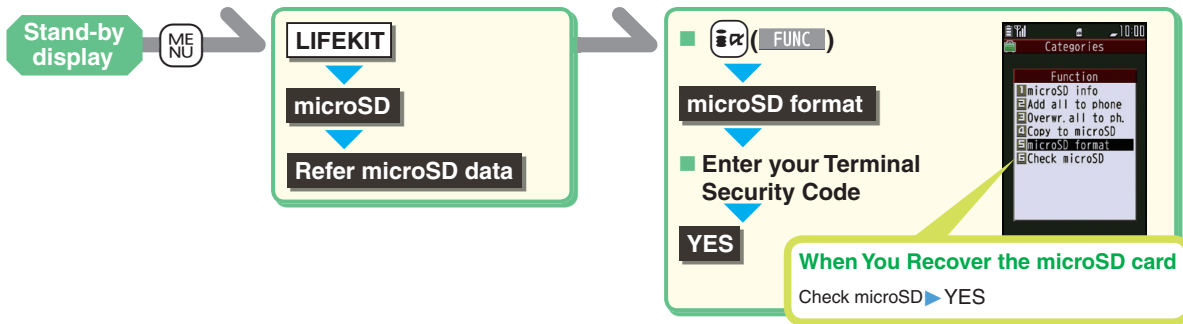
If “” is still displayed, execute “Check microSD” or “microSD format”.



Using microSD Card (Continued)

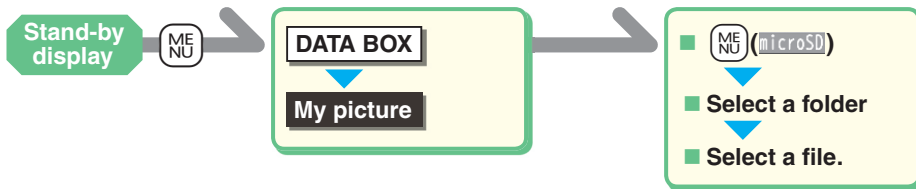
Formatting

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



Displaying Data

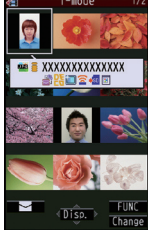
<Example> Displaying a still image



Copying Data

You can copy a file from the FOMA terminal to the microSD card.

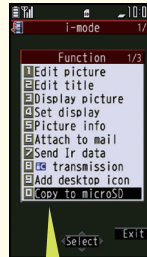
Display a file to
be copied



For still image

(FUNC)

Copy to microSD



**When You Move Files in the FOMA Terminal
to the microSD Card**

Select "Move to microSD".






Using Osaifu-Keitai

Osaifu-Keitai mounts the IC card, so you can make payment and others just by placing the FOMA terminal over the scanning device in a shop.

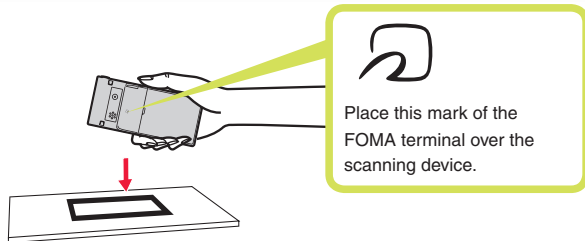
Further, you can use communications to deposit electronic money or to check your account for balance or usage histories. Security such as Omakase Lock or IC Card Lock is fully secure so that you can make use with a sense of security.

For details on Osaifu-Keitai, 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. (When we keep your FOMA terminal for repair, we cannot keep it with data files left, so the data files shall be deleted beforehand by yourself as a rule.) For supports such as reissue, restoration, temporary storage, or transfer of data files, consult the service provider which supports Osaifu-Keitai, except for the data transfer by iC transfer service. For your important data files, 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.
- If your FOMA terminal is stolen or lost, inquire of the provider of Osaifu-Keitai compatible service you use for dealing with the trouble, immediately.


Place  mark of the FOMA terminal over the scanning device to use the target service.

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





Multitask/Multiaccess

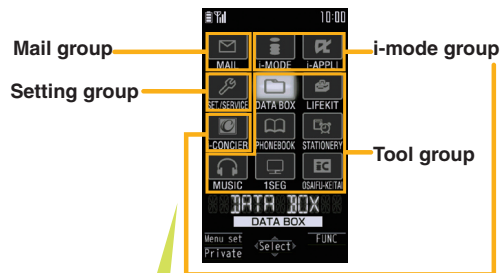
You can use Multiaccess and Multitask by using .

■ Multiaccess

Multiaccess enables you to simultaneously connect to three lines; a voice call, packet communication, and SMS. You are charged a fee for each line.

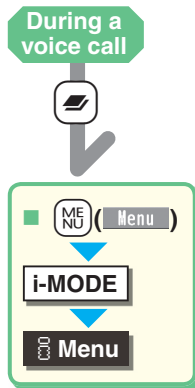
■ Multitask

The FOMA terminal supports “Multitask” that enables you to use up to three functions (groups) simultaneously. By combining Multiaccess and Multitask, you can use following functions simultaneously:



The functions which do not belong to any group are voice calls, videophone calls, 64K data communications, etc.

<Example> Displaying an i-mode site during a voice call



Point

- When another menu function in the same group has already been called up, the confirmation display appears asking whether to switch the functions. Select “YES” to close the current menu function and call up a new menu function.
- Depending on the condition, you cannot use some functions simultaneously even if they do not belong to the same group.





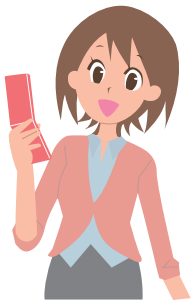
Using Alarm

Stand-by display



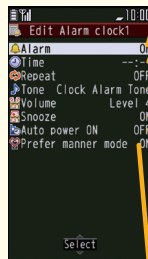
STATIONERY

Alarm



■ Highlight an alarm and press (Edit)

■ Enter each item.



Select ON/OFF of the alarm.

Enter the time for sounding the alarm.

Set this for when you need to alert daily, etc.

Select a type of alarm tone.

Adjust the volume.

Set a ring time.

- When you set "Snooze" to "ON", the alarm sounds for about one minute at an interval of five minutes, up to six times.

- When you set "Snooze" to "OFF", enter a ring time.

Set whether to turn on the power at the alarm notification.

- When you set to "ON", the power automatically turns on to sound the alarm when the specified time comes even when the power is turned off.

Set whether to preferentially sound the alarm even during Manner Mode.

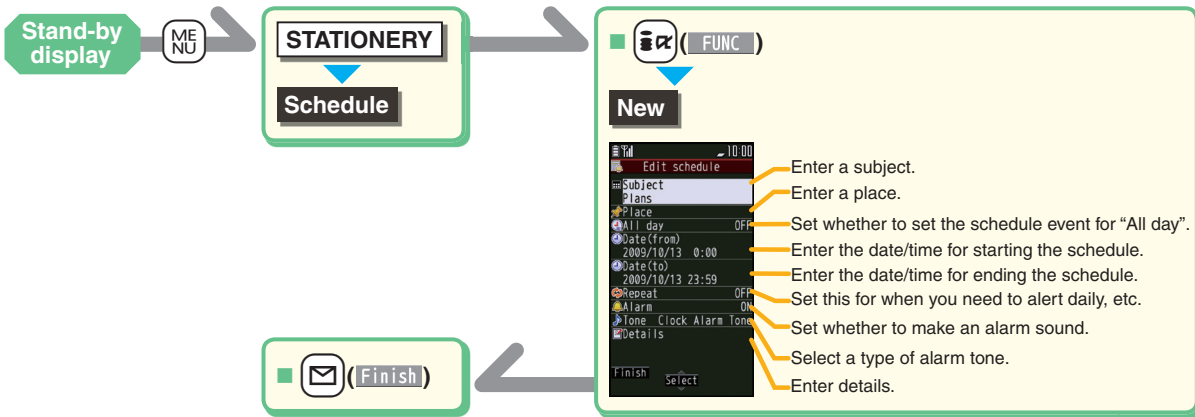
■ (Finish)

Point

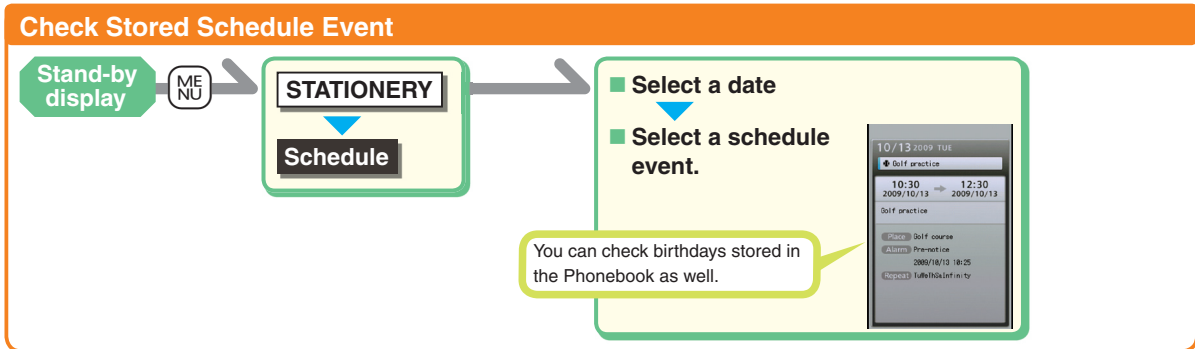
- The alarm does not sound, during Public Mode (Drive Mode), Lock All, Personal Data Lock or Omakase Lock.



Using Calendar to Manage Schedule



Convenient Functions





Checking Call Duration/ Charge

Stand-by
display



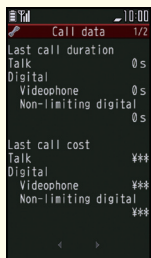
Select a "Reset total cost&dura."
to reset the call duration or call
cost up to the current moment.

SET./SERVICE

Call time/cost

Call data

The estimated duration/cost of the
last call and total calls are displayed
for voice calls, videophone calls, and
other communications.



Point

- The duration/charge for i-mode communication and packet communication are not counted. For how to check the i-mode fee, refer to "Mobile Phone User's Guide [i-mode] FOMA version" which is supplied on your i-mode contract.
- The charge for sending Chaku-moji messages is not counted.
- The international call fee for using WORLD CALL is counted. The fees for using other international call services are not counted.
- The duration for ringing and calling is not counted as call duration.



Using Voice Recorder

Stand-by
display



LIFEKIT

Voice recorder

Press (Play) to play back
the recorded voice.

Record

Stop

The recorded voice is saved to the
"motion" of "Data box".

Save



Connecting to Personal Computer to Perform Data Communications

The data communication services you can use by connecting the FOMA terminal to a personal computer are categorized into data transfer (OBEX™ communication), and packet communication/64K data communication.

- The 64K data communication is not available overseas.

For details on data communication, refer to the PDF version of “Manual for PC Connection” on the provided CD-ROM or DOCOMO website. To see the PDF version of “Manual for PC Connection”, you need to have Adobe® Reader®. If it is not installed in your personal computer, install Adobe® Reader® from the provided CD-ROM to see it. For details such as how to use it, refer to “Adobe Reader Help”.



Data Transfer (OBEX™ Communication)

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

Packet Communication

This communication system requires a communication fee according to the amount of data you sent and received.

64K Data Communication

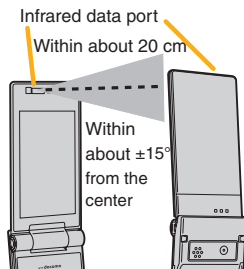
This communication system requires a communication fee according to the duration of connection.



Sending/Receiving Data by Using Infrared Communication

The FOMA terminal conforms to IrMC™ version 1.1 standard. You can exchange data files such as Phonebook entries with the devices supporting the infrared communication function. However, you cannot exchange some files depending on the other party's device.

- First set at the receiving end and begin sending data from the sending end within 30 seconds.



<To send one data file>

1. Display of the data file to be sent (FUNC)
2. **Send Ir data** **YES**

<To receive one data file>

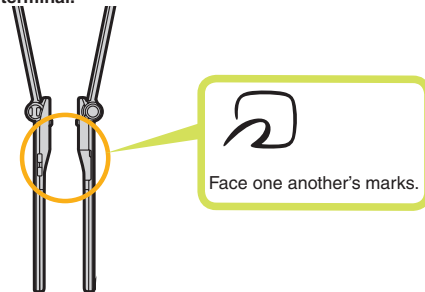
1. Stand-by display **LIFEKIT** **Receive Ir data**
2. **Receive** **YES**

※To send/receive all data files, you need to enter a session number (any four-digit number).



Sending/Receiving Data by Using iC Communication

iC communication is the function that enables you to send/receive data files such as Phonebook entries to/from another FOMA terminal using the FeliCa reader/writer function. However, you cannot exchange some files depending on the other party's FOMA terminal.



<To send one data file>

1. Display one data file to be sent (FUNC)
2. **transmission** **YES**

<To receive one data file>

1. While the Stand-by display is shown, face the mark of the FOMA terminal of the receiving end to that of the FOMA terminal of the sending end.

2. **YES**

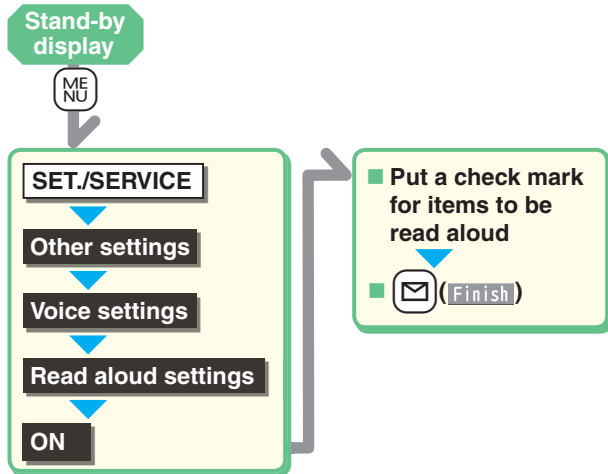
※To send/receive all data files, you need to enter a session number (any four digit number).



Using Reading Aloud Function

You can set to be notified of incoming calls by voice instead of a ring tone, or to have the mail contents automatically read aloud. Further, the voice guidance tells you how to operate Voice Dial. This function is available in Japanese only.

Read Aloud Setting

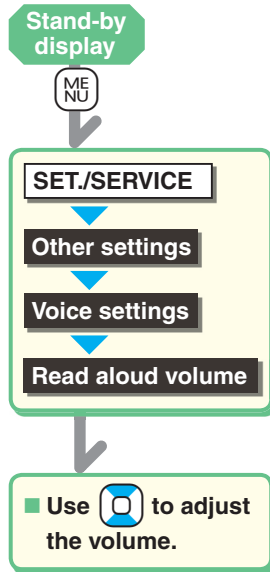


Point

The voice guidance for a mail message is not provided in the following cases:

- While the audio from a 1Seg program is played back
- When a mail message in Multiwindow is displayed
- When a mail message stored on the microSD card is displayed

Read Aloud Volume





Security Codes

■Cautions 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.



Terminal Security Code

"0000" at purchase

You need to enter your four- to eight-digit code to delete all files or to change settings.

<To change>

Stand-by display ►  ► SET./SERVICE ► Lock/Security

► Change security code

Network Security Code

You need to enter your four-digit code for your identification to give orders at a docomo shop, to apply at the docomo Information Center or "各種お申込・お手続き (Respective applications/procedures)" site, or when you use respective network services.

<To change>


From i-mode, you can change your Network Security Code from "各種お申込・お手続き (Respective applications/procedures)" of "お客様サポート (User support)".

i-mode Password

“0000” at the time of your contract

You need to enter your four-digit code to register/delete My Menu, apply for/cancel Message Services or i-mode pay service, 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

In order to prevent the unauthorized use by the third party, the FOMA terminal requires you to enter your four- to eight-digit PIN1 Code each time you insert the UIM into the FOMA terminal or you turn on the power.

You need to enter your four- to eight-digit PIN2 Code to execute Reset Total Cost, use the user certificate, apply for the issue of it, etc.

<To change>

Stand-by display ▶  ▶ SET./SERVICE ▶ Lock/Security ▶ UIM setting ▶ Enter your Terminal Security Code ▶ Change PIN1 code or Change PIN2 code.

PUK (PIN Unblock Code)

You need to enter your eight-digit code to release the PIN1/PIN2 code lock state. You cannot change this code by yourself.

Security when the power turns on

Operation of user certificate
Connecting to FirstPass sites

Enter PIN1 code

Enter PIN2 code

Wrong entry 3 times in succession

Enter PUK (PIN unblock code)

Entry OK

Wrong entry 10 times in succession

Set new PIN code


Consult the handling counter
of a docomo shop




Security Codes (Continued)

PIN1 Code Entry Set

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

Stand-by display  **SET./SERVICE** **Lock/Security** **UIM setting** **Enter your Terminal Security Code** **PIN1 code entry set** **ON** **Enter the PIN1 code.**

<Release>

Stand-by display  **SET./SERVICE** **Lock/Security** **UIM setting** **Enter your Terminal Security Code** **PIN1 code entry set** **OFF** **Enter the PIN1 code.**

Setting a Variety of Locks

Lock All

You can do no operations other than answering calls and turning on/off the power.


Stand-by display  **SET./SERVICE** **Lock/Security** **Lock all** **Enter your Terminal Security Code.**

<Release>

Stand-by display **Enter your Terminal Security Code.**

IC Card Lock

You can set the Osaifu-Keitai, ToruCa receiving, IC Communication, etc. disabled.

Stand-by display **Press and hold**  **for at least one second.**
<Release>

Stand-by display **Press and hold**  **for at least one second**
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.

■ Set/Release Omakase Lock




0120-524-360 Business hours: 24 hours


※ You can set/release also from My docomo site via a personal computer or other devices.

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

Personal Data Lock

You can set the files such as Phonebook entries and schedule events not to be displayed.

Stand-by display **Press and hold**  **for at least one second.**
<Release>

Stand-by display **Press and hold**  **for at least one second**
Enter your Terminal Security Code.



Setting Call Acceptance/Call Rejection


Reject Unknown

You can reject calls from the party whose phone number is not stored in the Phonebook.

- Stand-by display ►  ► *SET./SERVICE* ► *Lock/Security*
- *Reject unknown* ► Enter your Terminal Security Code
- *Accept or Reject*

Call Setting without ID

You can set whether to receive a call according to the reason for no caller ID (Unavailable, PublicPhone, or User unset).


- Stand-by display ►  ► *SET./SERVICE* ► *Lock/Security*
- *Call setting w/o ID* ► Enter your Terminal Security Code
- Select an item ► *Accept or Reject*






Resetting to Default Settings of the FOMA Terminal

Reset Settings

You can reset the items indicated by  on “Function List”. (See page 110)

- The items indicated by  might include the functions which do not return to the default setting (or state).

Stand-by display

ME
NU

SET./SERVICE

Other settings

Reset settings

■ Enter your Terminal Security Code

YES

Initialize

You can delete all stored files at a time and reset all items to their defaults.

Stand-by display

ME
NU

SET./SERVICE

Other settings

Initialize

■ Enter your Terminal Security Code

YES

YES

Point

- The pre-installed data files are not deleted.
- The Osaifu-Keitai compatible i-αppli programs except “iD 設定アプリ (iD Setting Application)” are deleted. However, they might not be deleted depending on your usage state.
- The data files stored in the pre-installed i-αppli programs are deleted. However, the data files stored in Osaifu-Keitai compatible i-αppli programs that have not been deleted are not deleted.
- Even if you have deleted the pre-installed data files, they are restored when you execute “Initialize”. However, if you delete the pre-installed i-αppli programs, they are not restored.
- Charge the battery full before initializing the FOMA terminal. When the battery level is not enough, you may not be able to initialize the FOMA terminal.





Remote Reset

If you contract with the service of this function, you can initialize the data files (memory within the handset/microSD card/UIM) of the target FOMA terminal by the offer from you (administrator).

■Inquiries



docomo Business Online

From personal computers <http://www.docomo.biz> (in Japanese only)

※ You may not be able to access due to system maintenance, etc.

■When Remote Reset launches

The display appears telling that operation is disabled and the initialization starts.

- When Remote Reset launches, all the key operations are locked and you cannot operate the functions except for answering voice calls and answer-hold (On Hold).
When the initialization starts, you cannot use all the functions.
- When Remote Reset launches while the phone is ringing or during a call, all the key operations except for  and  are locked. When the initialization starts, ringing or the call automatically finishes.

Point

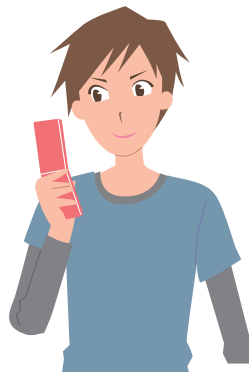
- “Set time” is not initialized.
- The microSD card might not be initialized when the FOMA terminal is connected to a personal computer.



Spam Mail Prevention

You can set the following functions for spam mail prevention. Refer to “Mobile Phone User’s Guide [i-mode] FOMA version”.

- Reject Mail with URL
- Reject/Receive Mail Settings
- Easy Mail Setting
- Reject Mass i-mode Mail Senders
- SMS Rejection Settings
- Reject Unsolicited Ad Mail*
- Confirm Settings







Troubleshooting

- First of all, check to see if you need to update the software program and then update it if necessary. See page 98 for how to update software programs.
- When the symptom persists even after you check the countermeasures for the problem you suffer, feel free to contact the “Repairs” counter listed on the back page of this manual or a repair counter specified by DOCOMO.

Problem	Countermeasures	Reference
The FOMA terminal does not turn on.	<ul style="list-style-type: none"> • Make sure the battery pack is attached to the FOMA terminal correctly. • Make sure the battery is fully charged. 	27 28
Cannot charge. (Example: The Call/Charging indicator of the FOMA terminal does not light, or it flickers.)	<ul style="list-style-type: none"> • Make sure the battery pack is attached to the FOMA terminal correctly. • 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. • When you use an AC adapter (option), make sure its connector is firmly connected to the FOMA terminal or the desktop holder (option). • 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 cloth or cotton swab. 	27 - 28 29 -

Problem	Countermeasures	Reference
Cannot charge. (Example: The Call/Charging indicator of the FOMA terminal does not light, or it flickers.)	<ul style="list-style-type: none"> • If you talk on the phone, execute 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 this case, charge the battery after the FOMA terminal cools down. 	-
While you operate the FOMA terminal or charge the battery, they get hot.	<ul style="list-style-type: none"> • During operation or battery charge, or when you talk on the videophone, operate i-appli programs, or watch 1Seg programs for a long time during battery charge, the FOMA terminal, battery pack, or adapter/charger may become warm, but this is not a safety hazard, so you can continue to use them. 	-
The usable time of the battery is short.	<ul style="list-style-type: none"> • Make sure not to leave the FOMA terminal in the out-of-service-area state for a long time. In the out-of-service-area state, the FOMA terminal searches for radio waves to enable communications and consumes more electricity. • 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 a specified battery pack. 	- - -



Problem	Countermeasures	Reference
The power of the FOMA terminal shuts down and restarts.	<ul style="list-style-type: none"> 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 cloth or cotton swab. 	-
The UIM is not recognized.	<ul style="list-style-type: none"> Make sure you insert the UIM in the right direction. 	27
Cannot talk. (Example: “” 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.)	<ul style="list-style-type: none"> Turn off and on the FOMA terminal, or remove and attach/insert the battery pack or UIM. Depending on the radio wave property, you may not be able to make or receive a call even if the FOMA terminal is “within service area” or “” is displayed as the 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 this 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. 	27 30 - - -





Warranty and After-sales Services

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. 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.
- Data stored in the Phonebook and others might be changed or lost owing to a malfunction, repairs, or other mishandling of your FOMA terminal. You are advised to take a note of Phonebook entries and other files in preparation for such incidents. After we repair your FOMA terminal, we cannot move, with some exceptions, the information downloaded by using i-mode or i-appli to your repaired FOMA terminal because of the copyright law.
 - ※ The FOMA terminal enables you to save Phonebook entries, i-motion movies, or data files used for i-appli to the microSD card.
 - ※ You can use Data Security Service (pay service that is available on a subscription basis) to save the data files such as Phonebook entries from the FOMA terminal to the Data Storage Center.
 - ※ If you have a personal computer, you can transfer and save the data files from the Phonebook to your personal computer by using the DOCOMO keitai datalink via the FOMA USB Cable with Charge Function 01/02 (option) or FOMA USB Cable (option).

After-sales Services

- **When there is a problem with the FOMA terminal**
Before asking repairs, check “Troubleshooting” in this manual. If the problem remains unsolved, contact the “Repairs” counter listed on the back page of this manual for malfunction and consult them.
- **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. Also, make sure that you will bring the warranty card with you to the counter. 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 the repair. If you do not show the warranty card, or when troubles or malfunctions are regarded to be caused by your mishandling, 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.
- For the damages of liquid crystal display, connector, etc. after purchase, the repair cost is charged.

■ Repairs may not be performed in the following cases:

- When exposure to water is found at our repair counter (Example: When the waterproof sticker reacts)
- 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 LCD, or cracks in the body are found.]
 - ※ Even if repair is feasible, it is not covered by the warranty, so that repair cost is charged.

■ 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 shortage of the spare parts. Even after the storage period, some FOMA terminals can be repaired depending on the troubled portions. Contact the “Repairs” counter listed on the back page of this manual.

○ Other points to note

- Make sure not to modify the FOMA terminal or its accessories.
 - Catching fire, giving injury, or causing malfunctions may result.
 - For the repair of devices that the modification is applied to, we accept it if you agree to have the modification reset. Further, we might reject to repair depending on the conditions of the modification.





i-mode Fault Diagnosis Site

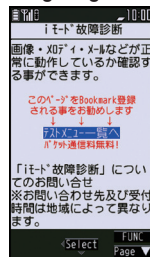
The following might be regarded as modifications:

- To put stickers, etc. onto the liquid crystal display 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.
The nameplate is a certificate for ensuring the technological standard. If someone intentionally peel off the nameplate or replace it, the contents described in the nameplate cannot be checked, as we cannot verify the conformity of the product to the technical standard. Note that we may refuse repair for some malfunctions in this case.
- The information such as function settings and Total Calls Duration, etc. might be reset depending on 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 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 its condition.

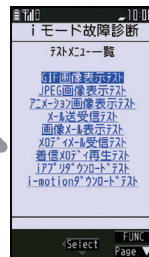
○Memory dial (Phonebook function) and downloaded information

- It is recommended to take a note of the information you have stored in the FOMA terminal and keep it in a safe place. We are not responsible for any change in or loss of information.
- When replacing or repairing your FOMA terminal, the data you created, obtained from external devices, or downloaded may be changed or lost. We do not take any responsibility for the loss or change incurred to the data. We may replace your FOMA terminal with a new one instead of repairing, for our convenience sake. To this FOMA terminal, we move the files including the downloaded images and ring melodies or the files you created at the time of repair only. (We cannot move some files. Also, we might not be able to move files depending on the degree of malfunction.)
- ※ It may take a while to move files, or it might occur that moving files is not possible depending on the memory size of the files stored in the FOMA terminal.

You can check on your FOMA terminal whether sending/receiving mail messages, downloading images/melodies, and others are normally working.



Top display



Test Menu list

- 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)→サービス・機能 (Services & Functions)→i モード (i-mode)
→ i モード故障診断 (i-mode Fault Diagnosis)



QR code for accessing the site

- A packet communication fee for connecting to the i-mode Fault Diagnosis Site is free. (When you access it from overseas, you are charged the fee.)
- The test items differ by model of FOMA terminals. Further the test items might be changed.
- When you check operations of your FOMA terminal according to each test item, read the cautions on the site thoroughly and then perform the test.
- When you connect to the i-mode Fault Diagnosis Site and test on sending mail messages, the proper information about your FOMA terminal (model name, mail address, etc.) is automatically sent to the server (i-mode Fault Diagnosis Server). We never use the sent information for other purposes than for the i-mode fault diagnosis.
- 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.





Updating Software

This function is to update some part of software programs by the packet communications when updating is necessary.

※ You are not charged a packet communication fee for updating software programs.

If you need to update the software programs, the DOCOMO website and “お知らせ (News)” in Japanese ⓘ Menu let you know about it. You can check it also by connecting to networks. “Auto-update”, “Update Now” and “Reserve Update” are available for updating software programs.

- Do not remove the battery pack while updating software programs. You may fail to update.
- You can update software programs with the Phonebook entries, images shot by the camera, or downloaded data retained 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 backup important data.

Note that some data such as downloaded ones might not be backed up.

■ Before Using Software 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 use other functions while updating software programs.
(You can receive voice calls, forward calls or operate Record Message during download.)
- It is recommended 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 good radio wave conditions and try again to update software programs.
- When updating software programs, the proper 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 other purposes than for updating software programs.
- If you fail to update software programs, “Rewrite failed” is displayed and you cannot do all the operations. In that case, you are kindly requested to come to a repair counter specified by DOCOMO.
- You cannot use Software Update overseas.

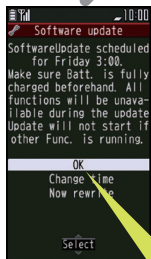


Update Software Programs from an Icon



Rewrite notification icon

Select the Rewrite notification icon from the Stand-by display.



When you select "OK", the Stand-by display returns, and then rewriting will start at the set time.

Select "Change time" to select the day of the week and time. Select "Now rewrite" to immediately update.

- When rewriting is completed, your FOMA terminal automatically restarts and shows the confirmation display for the update completion.



Update Software Programs from Menu

Stand-by display

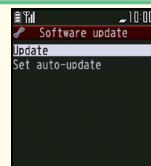
ME
NU

SET./SERVICE

Other settings

Software update

Enter your Terminal Security Code.



Auto-update: Automatically downloads new software programs and rewrites at the time you previously set for "Set auto-update".

Reserve update: When "Update is needed" is displayed, select "Reserve" and reserve the date/time to update software programs.





Protecting FOMA Terminal from Harmful Data

About Scanning Function

Regarding data and programs obtained to the FOMA terminal, you can detect data that might cause failure, can delete it, and can stop starting the concerned application program.

- The scan function is for filtering out the data that causes failure to mobile phones at the time of browsing web pages or receiving mail messages. Note that this function works only when the pattern data for each failure has been downloaded to your mobile phone and when the pattern data for each failure is found.
- The data contained in the pattern data varies depending on the mobile phone model. Therefore, note that we may stop distributing the pattern data to mobile phones that have been on the market for three years or more.

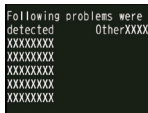
First of all, update the pattern to make it the latest.

■ To update pattern data

Stand-by display  **SET./SERVICE** **Lock/Security** **Scanning function** **Update** **YES** **YES** **OK**


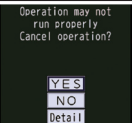



Display for Scanning Result

■ About the display for scanned problem elements



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.

Alert level 0	Alert level 1	Alert level 2	Alert level 3	Alert level 4
				
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 when you display i-mode mail messages or SMS messages may differ from the ones on the 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 P32 **P-05A** Back Cover P33
- FOMA AC Adapter 01/02^{※1}
- FOMA AC Adapter 01 for Global use^{※1}
- FOMA DC Adapter 01/02
- FOMA Portable Charging Adapter 01
- FOMA Dry Battery Adapter 01
- Desktop Holder P31
- 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
- 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
- Bone conduction microphone/receiver^{※5}
- In-Car Hands-Free Kit 01^{※6}
- FOMA In-Car Hands-Free Cable 01

※1 See page 29 for charging batteries using AC adapter.

※2 If you use a USB hub, the 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 FOMA terminal via cable connection (USB connection), FOMA In-Car Hands-Free Cable 01 is required.





Main Specifications

■ Handset

Model		P-04A	P-05A
Dimensions (when closed)		Height: Approx. 110 mm Width: Approx. 50 mm Depth: Approx. 9.8 mm (at thickest point: Approx. 13.6 mm)	
Weight (with the battery pack attached)		Approx. 105 g	Approx. 103 g
Continuous standby time	FOMA/3G	3G/GSM setting [3G]	In motion: Approx. 290 hours
		3G/GSM setting [Auto]	Standstill: Approx. 450 hours In motion: Approx. 280 hours
	GSM	3G/GSM setting [Auto]	Standstill: Approx. 190 hours
Continuous talk time	FOMA/3G		Voice call: Approx. 150 minutes Videophone call: Approx. 110 minutes
	GSM		Voice call: Approx. 170 minutes
1Seg watching time		Approx. 330 minutes (in ECO Mode: Approx. 430 minutes)	
Charging time		AC adapter: Approx. 100 minutes DC adapter: Approx. 100 minutes	
LCD	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. 3,200,000 pixels	-
	Number of recording pixels (maximum)	Approx. 3,200,000 pixels	-

Recording	Number of recordable still images ^{※1}	Approx. 2,400 max. (default) Approx. 3,500 max. (when the deletable pre-installed data files are deleted)	-
	Number of still images for continuous shooting	VGA: 4 QVGA: 5 through 10 QCIF: 5 through 20 Sub-QCIF: 5 through 20	-
Music playback	Continuous playback time ^{※2}	SD-Audio file (supports Play Background): Approx. 4,920 minutes ^{※3} Chaku-uta Full [®] music file (supports Play Background): Approx. 4,350 minutes ^{※3} i-motion movie (including Chaku-uta [®] music file): Approx. 1,000 minutes ^{※3} WMA file (supports Play Background): Approx. 3,720 minutes Music&Video Channel program (supports Play Background) Sound: Approx. 4,350 minutes Movie: Approx. 310 minutes	
Memory capacity	Chaku-uta [®] Chaku-uta Full [®]	Approx. 70 Mbytes ^{※4}	

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

※1: Image size: Sub-QCIF (128 x 96), Image quality: Normal, File size: 10 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 movies, melodies, PDF files, Music&Video Channel programs, Kisekae Tool files, Machi-chara images, ToruCa files, and i-opp! 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 P-05A Not available

<Still image>

File format (Extension)	JPEG (jpg)
The number of files that can be saved	Approx. 3,500 max.
The number of files that can be saved to the microSD card (64 Mbytes)	Approx. 3,870 max.

<Movie>

File format (Extension)	MP4, ASF (3gp, asf)
Recordable time	Approx. 497 seconds max. ^{※1}
Recordable time to the microSD card (64 Mbytes)	Approx. 137 minutes max. ^{※2}

<Zoom (Digital)>

Photo	Level of zoom	31 levels
	The maximum magnifications	Approx. 8.0 times
Movie	Level of zoom	31 levels
	The maximum magnifications	Approx. 6.0 times

※1 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".

※2 Maximum recording duration per shot that can be saved to the microSD card (64 Mbytes) 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 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}
Movie/i-motion movie		3,500 max. ^{※2}
Music&Video Channel	Downloaded program	2
	Saved program	10 max. ^{※2}
Kisekae-Tool		3,500 max. ^{※2}
i-appli		100 max. ^{※2}

※1 Includes pre-installed data.

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

■ Recordable time of Voice Recorder

Recordable time	Approx. 20 minutes max. ^{※1}
Recordable time to the microSD card (64 Mbytes)	Approx. 180 minutes max. ^{※2}

※1 Maximum one-time recording duration that can be saved to the main unit under the conditions of "File size setting: Mail restriction (L)/Movie type set: Voice".

※2 Maximum one-time recording duration that can be saved to the microSD card (64 Mbytes) under the conditions of "File size setting: Long time/Movie type set: Voice".



Specific Absorption Rate (SAR) of Mobile Phone

SAR Certification Information

The mobile phones P-04A/P-05A meet the MIC's* technical regulation for exposure to radio waves.

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

All phone models should be confirmed to comply with the regulation, before they are available for sale to the public. The highest SAR value for the mobile phone P-04A is 0.488 W/kg, P-05A is 0.523 W/kg. It was taken by the Telecom Engineering Center (TELEC), a Registered Certification Agency on the Radio Law. The test for SAR was conducted in accordance with the MIC testing procedure using standard operating positions with the phone transmitting at its highest permitted power level in all tested frequency bands. While there may be differences between the SAR levels of various phones and at various positions, they all meet the MIC's technical regulation. Although the SAR is determined at the highest certified power level, the actual SAR of the phone during operation can be well below the maximum value.

For further information about SAR, please see the following web pages:

World Health Organization (WHO): <http://www.who.int/peh-emf/>
ICNIRP: <http://www.icnirp.de/>
MIC: <http://www.tele.soumu.go.jp/e/ele/body/index.htm>
TELEC: http://www.telec.or.jp/ENG/Index_e.htm
NTT DOCOMO: <http://www.nttdocomo.co.jp/english/product/>
Panasonic Mobile Communications Co., Ltd.: <http://panasonic.jp/mobile/>
(In Japanese only)

- * Ministry of Internal Affairs and Communications
- ** The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.
- *** International Commission on Non-Ionizing Radiation Protection

European RF Exposure Information

The mobile phones P-04A/P-05A comply 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 P-04A 0.561 W/kg, P-05A 0.547 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

The products "P-04A/P-05A" are 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 Declarations 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-04A/P-05A 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.

FCC RF Exposure Information

The mobile phones P-04A/P-05A meet 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 on position and locations (for example, at the ear and worn on the body) as required by FCC for each model. The highest SAR value for the P-04A/P-05A mobile phones as reported to the FCC when tested for use at the ear is P-04A 0.593 W/kg, P-05A 0.576 W/kg, and when worn on the body, is P-04A 0.428 W/kg, P-05A 0.353 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 these mobile phones with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on these mobile phones is on file with the FCC and can be found under the Display Grant section at <http://www.fcc.gov/oet/ea/> after search on FCC ID UCE208013A.

For body worn operation, these phones have been tested and meet 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.





Specific Absorption Rate (SAR) of Mobile Phone (Continued)



Export Administration Regulations

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.

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.





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Function List

When you execute "Reset settings" on page 92, the items indicated by " " return to the defaults.

MAIL	Inbox	
	Outbox	
	Draft	
	Compose message	
	Create new Decome-Anime	
	Template	Deco-mail
		Decome-Anime
	Web mail	
	Check new messages	
	Compose SMS	
	Check new SMS	
	Chat mail	
	Receive option	
	Mail settings	Scroll
		Font size
		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		
Receive option setting		
Attachment preference		
Auto melody play		

MAIL	Mail settings	Feel * Mail
		Chat setting
		Check settings
	SMS settings	SMS report request
		SMS validity period
		SMS input character
		SMS center selection
	Area mail settings	Receive setting
		Receive entry
		Beep time

i-MODE	Menu	
	Bookmark	
	Screen memo	
	Last URL	
	Go to location	
	Message R/F	
	i-Channel	Channel list
		Ticker ON/OFF
		Ticker font size set.
		Ticker color set.
		Ticker scroll speed
		Reset i-Channel
	Check new messages	
	Operate certificate	User certificate
		Certificate
Certificate host		

i-MODE	i-mode settings	Scroll
		Font size
		Set image display
		Set connection timeout
		Host selection
		Automatic replay set.
		Use phone information
		Sound effect setting
		Information disp. set.
		Doc. display settings
		Reset last URL
		Check settings
	Full Browser	Home
		Bookmark
Last URL		
Go to location		
Full Browser settings		
i-APPLI	Software list(phone)	
	αappli(microSD)	Software list
		αappli data
	αappli info	End stand-by info
		Security error history
		Auto start info
		Trace info
	αappli settings	Auto start setting
		Disp. software info
		Preferred tone
αBacklight		


i-APPLI	αappli settings	αPower saver
		αVibrator
SET./SERVICE	Sound	Check settings
		Select ring tone
		Ring volume
		Keypad sound
		Melody effect
		Headset usage setting
		Mail/Msg. ring time
	Display	Display setting
		Backlight
		View blind
		Color theme setting
		Machi-chara
		Menu icon setting
		Private menu setting
		Desktop icon
		Font
		Font size
	Illumination	Select language
		Recv.mail/call at open
Image quality		
LCD AI		
Icons		
All illum. setting		
Illumination	Incoming illumination	
	Illumination in talk	
	Missed/unread illum.	
	Music&Video Ch illum.	




Function List (Continued)

SET./SERVICE	
Illumination	Illum. when closed
	Hourly illumination
	MUSIC illumination
	IC card illumination
	Side key illumination
	Check settings
Kisekiae	
Lock/Security	Self mode
	Lock all
	Personal data lock
	IC card lock
	Secret mode
	Secret data only
	Keypad dial lock
	Reject unknown
	Call setting w/o ID
	Change security code
	UIM setting
	Scanning function
	Lock setting
Call time/cost	Call data
	Reset total cost&dura.
	Notice call cost
	CLR max cost icon
Clock	Set time
	World time watch
	Summer time
	Auto power ON/OFF
	Alarm setting

SET./SERVICE	
Incoming call	Vibrator
	Manner mode set
	Answer setting
	Setting when opened
	Record display set
	Disp. PH-book image
	Disp. call/receive No.
	Ring time
	Info notice setting
	V.phone while packet
	Auto call/answer set.
	Melody Call setting
	Talk
Setting when closed	
Set hold tone	
Shikkari Talk	
Noise reduction	
Quality alarm	
Reconnect signal	
Visual preference	
Videophone	Select image
	Hands-free w/ V. phone
	Voice call auto redial
	Notify switchable mode
	Reject videophone
Network setting	Prefix setting
	Int'l roaming
	Int'l dial assist
	Status in the area

SET./SERVICE	NW services	Caller ID notification
		Voice mail
		Call waiting
		Call forwarding
		Nuis. call blocking
		Caller ID request
		2in1 setting
		Multi number
		Arrival call act
		Set in-call arrival act
		Remote control
		Dual network
		English guidance
		Set Roaming guidance
		Additional service
		Service numbers
		OFFICEED
	Chaku-moji	
	Other settings	Side keys guard
		 long press set.
Character input method		
Battery		
Pause dial		

SET./SERVICE	Other settings	Sub-address setting
		Headset mic. setting
		Voice settings
		USB mode setting
		Reset settings
		Initialize
		Software update
DATA BOX	My picture	
	MUSIC	
	Music&Video Channel	
	 motion	
	Melody	
	My documents	
	Kisekae Tool	
	Machi-chara	
	Chara-den	
	PC Movie	
	1Seg	Image
		Video
		Position memory
Document viewer		
SD other files		



Function List (Continued)

LIFEKIT	Bar code reader	Scan code
	P-05A Not available	Saved data
	Receive Ir data	Receive
		Receive all
	microSD	Refer microSD data
		Backup/Restore
	Camera P-05A Not available	Photo mode
		Movie mode
		View photos
	Rec. msg/voice memo	View movies
		Play/Erase msg.
		Play/Erase VP msg.
		Record message setting
		Voice memo
Voice recorder	Voice announce	
Data Security Service	Connect to Center	
	Exchanging history	
	PB image sending	

i-CONCIER

PHONEBOOK	Add to phonebook	Phone
	Search phonebook	UIM
		All?
		Reading?
		Group?
		Memory No.?
		Name?
		Phone number?

PHONEBOOK	Search phonebook	Mail address?
		2-touch dial?
	UIM operation	Copy
		Delete
	Dialed/recv. calls	Dialed calls
		Received calls
	Own number	
	Group setting	
	Restrictions	Restrict dialing
		Call rejection
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Access the online for checking or changing the content of your subscription, for application of respective services, and for request of Information materials.


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)

- 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 the docomo Information Center listed on the back cover of this manual.
- You may not be able to access the site depending on the content of your subscription.
- You may not be able to access the site due to system maintenance, etc.

Don't forget your FOMA terminal ... or your manners!

- Be sure to turn off the power to your FOMA terminal in airplanes and in hospitals.
 - Persons with electronic medical equipment are in places other than the actual wards. Make sure you have the power switched off even if you are in a lobby or waiting room.
- The implanted cardiac pacemaker or implanted defibrillator operation can be affected by radio emissions from the FOMA terminal, so be sure to turn off the power to your FOMA terminal in crowded places such as packed trains.
- Using the mobile phone in your hand while driving is subject to punishment.
 - If you answer a call out of necessity, tell the caller with Hands-free that you will call him/her back, park your car to somewhere safe, and then dial.
- If you use your FOMA terminal where you are supposed to be quiet (public places such as theaters, movie theaters, and museums), you will disturb those around you.
- If you use the FOMA terminal in quiet places such as restaurants and hotel lobbies, keep the volume of your voice and other sounds down.
- Do not block thoroughfares when using the FOMA terminal.

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

These functions help you have good manners in public.

Public Mode (Drive Mode/Power Off) (P.44)

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General inquiries


<docomo Information Center>

 **0120-005-250** (toll free)

* Service available in English, Portuguese, Chinese, Spanish, and Korean.

* Available from mobile phones and PHSs.

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

 **(No prefix) 151** (toll free)

* Unavailable from land-line phones, etc.

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

 **0120-800-000** (toll free)

* Available from mobile phones and PHSs.

● Please confirm the phone number before you dial.

● For Applications or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo shop etc. near you on the NTT DOCOMO website or the i-mode site.

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

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

Loss or theft of FOMA terminal or payment of cumulative cost overseas

<docomo Information Center> (available 24 hours a day)

■ **From DOCOMO mobile phones**

International call access code for
the country you stay

-81-3-5366-3114* (toll free)

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

※ If you use P-04A/P-05A, you should dial the number +81-3-5366-3114
(to enter "+", press and hold the "0" key for at least one second).

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

International prefix number for
the universal number


-800-0120-0151*

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

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

Repairs

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

 **(No prefix) 113** (toll free)

* Unavailable from land-line phones, etc.

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

 **0120-800-000** (toll free)

* Available from mobile phones and PHSs.

Failures encountered overseas

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

■ **From DOCOMO mobile phones**

International call access code for
the country you stay

-81-3-6718-1414* (toll free)

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

※ If you use P-04A/P-05A, you should dial the number +81-3-6718-1414
(to enter "+", press and hold the "0" key for at least one second).

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

International prefix number for
the universal number

-800-5931-8600*

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



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

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

Sales: NTT DOCOMO, INC.

Manufacturer: Panasonic Mobile Communications Co., Ltd.



Li-ion 00

To prevent damage to the environment, bring used battery packs to a docomo service counter, a docomo agent or a recycle center.



This manual is printed using an ink based on soy bean oil.

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P-04A/P-05A

Manual for PC Connection

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About Manual for PC Connection

This manual explains the items required for making data communication using P-04A/P-05A as well as how to install "FOMA communication configuration file"/"DOCOMO Connection Manager" on the CD-ROM. Some procedures and displays may differ depending on your operating environment.

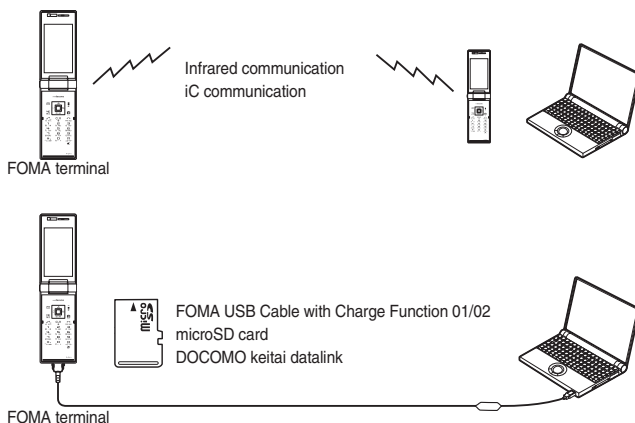
Data Communication Available from FOMA Terminal

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, music files, Phonebook entries and mail messages with another FOMA terminal or a personal computer.



Packet Communication

This communication method requires a communication fee according to the amount of data you sent and received. (Best effort method with 7.2 Mbps of maximum download speed and 384 kbps of maximum upload speed)※ It uses an access point which supports FOMA packet communication such as DOCOMO Internet access service “mopera U”.

To use this service, connect the FOMA terminal to a personal computer via the FOMA USB Cable with Charge Function 01/02 (option), and then carry out settings. The packet communication 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 maximum connection speed of sending/receiving data is 384 kbps 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” or “musea”.

- 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 web pages having many images or downloading data files.

64K Data Communication

This communication method 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.

Information

- The FOMA terminal does not support Remote Wakeup.
- The FOMA terminal does not support the FAX communication.
- You can perform data communications by connecting the FOMA terminal with DOCOMO's PDA "sigmarion III", or "musea".
When you use "musea", the update is required. For details such as how to update them, refer to the DOCOMO website.

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 this 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

If you need FirstPass (user certificate), install the FirstPass PC software from the provided CD-ROM and make the setting.

For details, see "FirstPassManual" (PDF format) in the "FirstPassPCSoft" folder of the CD-ROM.

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	Description
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 compliant) Display resolution 800 x 600 dots, high color 16 bits or more recommended.
OS	Windows Vista, Windows XP, Windows 2000 (Japanese version in each) ● Windows 2000 Service Pack 4 or later, Windows XP Service Pack 2 or later, for "DOCOMO Connection Manager" (For details of operating environment, refer to the DOCOMO website.)
Memory requirements	Windows Vista: 512 Mbytes or more Windows XP: 128 Mbytes or more Windows 2000: 64 Mbytes or more (Japanese version in each)
Hard disk space size	Unused memory space of 5 Mbytes or more ● Unused memory space of 15 Mbytes or more for "DOCOMO Connection Manager"

- The operation 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 Vista>
Refer to the CD-ROM from "コンピュータ (Computer)", then double-click "index.html".
<For Windows XP or Windows 2000>
Refer to the CD-ROM from "マイコンピュータ (My computer)", then double-click "index.html".
※ For Windows XP or Windows 2000, 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-04A/P-05A 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.

Connect FOMA Terminal to Other Devices

The following two ways are available for connecting the FOMA terminal to another device:

Use FOMA USB Cable with Charge Function 01/02

Connect the FOMA terminal to a personal computer provided with the USB port using the FOMA USB Cable with Charge Function 01/02 (option). (See page 5)

This way of connection applies to all communication systems such as packet communication, 64K data communication, and data transfer.

- Set "USB mode setting" to "Communication mode" for data communication.
Operate "☞^[MENU] Set./Service ☞ Other settings ☞ USB mode setting ☞ Communication mode".
- You need to install the FOMA communication configuration file (driver) before use.

Use Infrared Communication

By using infrared rays, you can send/receive data between your FOMA terminal and another FOMA terminal, mobile phone, or personal computer provided with the infrared communication function. This applies to data transfer only.

Preparation 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

Preparation Flow for Data Communication

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

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



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.



Check the setting after installation. (P.7)



Install “DOCOMO Connection Manager”. (P.10)

Carry out the setting manually without using “DOCOMO Connection Manager”. (P.15, P.32)



Connect. (P.14, P.30)

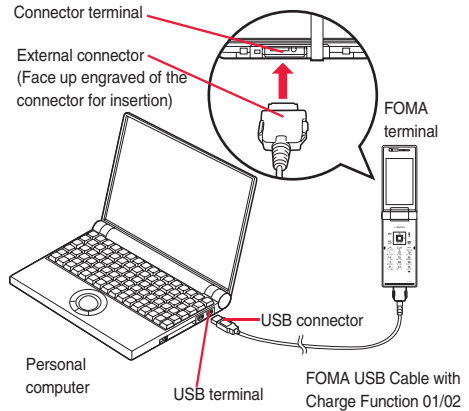
■ Provided “P-04A/P-05A CD-ROM”

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-04A/P-05A 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.

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.**



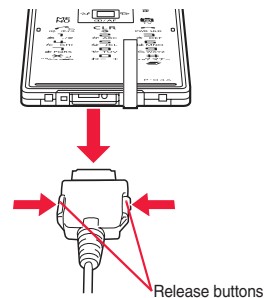
- 2 Connect the USB connector of the FOMA USB Cable with Charge Function 01/02 to the USB terminal of the personal computer.**

Information

- 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.**



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)

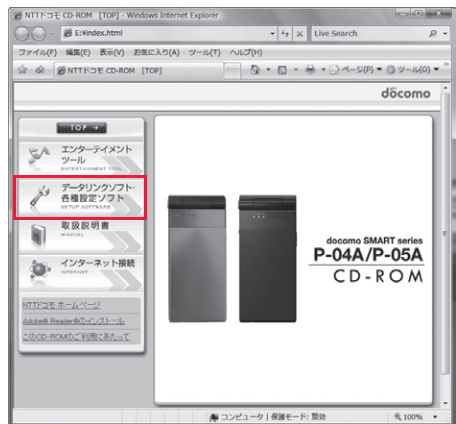
Installing the FOMA communication configuration file (driver) is required when you connect the FOMA terminal to your personal computer via the FOMA USB Cable with Charge Function 01/02 (option) for the first time.

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

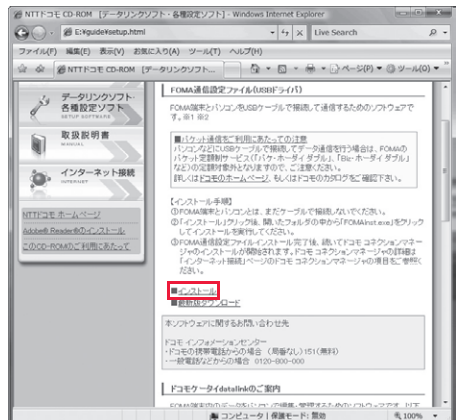
For Windows Vista

- 1 Connect the FOMA terminal and the FOMA USB Cable with Charge Function 01/02. (See page 5)
- 2 Start Windows, then set the provided “P-04A/P-05A CD-ROM” into the personal computer.
- 3 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.



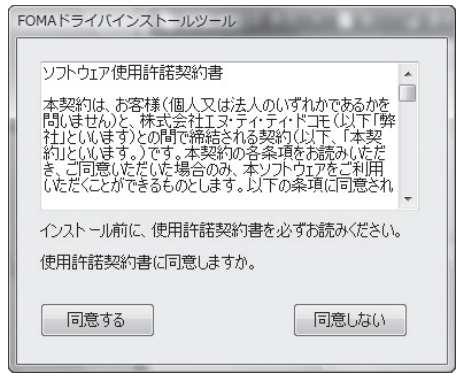
- 4 Click “インストール (Install)” under “FOMA通信設定ファイル (USBドライバ) [FOMA communication configuration file (USB driver)]”.



- 5 Double click “FOMAinst.exe” in opened folder, and click “続行 (Continue)”.

- When you use Windows XP or Windows 2000, you do not need to click “続行 (Continue)”.

- 6** Read “ソフトウェア使用許諾契約書 (Software licensing contract)”, and click “同意する (Agree)”.



- 7** Turn on the power to the FOMA terminal, then connect the FOMA USB Cable with Charge Function 01/02, which is already connected to the FOMA terminal, to the personal computer.

Installation starts.

- 8** “FOMA通信設定ファイル（ドライバ）のインストールが完了しました。 [Installation of the FOMA communication configuration file (driver) is completed.]” appears.

• Installation of the FOMA communication configuration file (driver) finishes.

- 9** When you install “DOCOMO Connection Manager” successively, click “インストールする（推奨） [Installing (Recommend)]”.

See page 10 for installation of “DOCOMO Connection Manager”.


• When you do not install “DOCOMO Connection Manager”, go to step 10.

- 10** Click “閉じる (Close)”.

Confirm Installed Driver

Confirm that the “FOMA communication configuration file” (driver) is installed correctly.

For Windows Vista

- 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)”.

<For Windows 2000>

“スタート (Start)” → “設定 (Setting)” → Open “コントロールパネル (Control panel)” → Open “システム (System)”.

- 2** Open “ハードウェアとデバイスを表示 (Show hardware and devices)”
▶ Click “続行 (Continue)”.

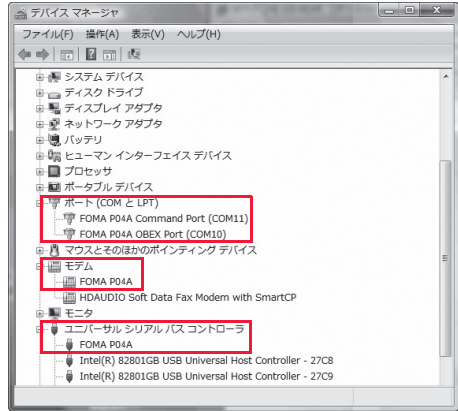
<For Windows XP, Windows 2000>

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 driver names.

Confirm that all 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 the personal computer you use.



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 P04A Command Port or FOMA P05A Command Port ・ FOMA P04A OBEX Port or FOMA P05A OBEX Port
モデム (Modem)	・ FOMA P04A or FOMA P05A
<For Windows Vista> ユニバーサル シリアル バス コントローラ (Universal serial bus controller) <For Windows XP, Windows 2000> USB (Universal Serial Bus) コントローラ [USB (Universal Serial Bus) controller]	・ FOMA P04A or FOMA P05A

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.

For Windows Vista

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)]”▶“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)”→“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)”.

<For Windows 2000>

“スタート (Start)”→“設定 (Setting)”→“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 P04A USB” or “FOMA P05A USB” and click “アンインストールと変更 (Uninstall and change)”, then click “続行 (Continue)”.

<For Windows XP, Windows 2000>

Select “FOMA P04A USB” or “FOMA P05A 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 this case, open “USB_Driver” → “P04ADrivers” or “P05ADrivers” → “Win2k_XP” or “WinVista32” inside “P-04A/P-05A CD-ROM”, and execute “P04A_un.exe” or “P05A_un.exe” to delete the “FOMA communication configuration file” (driver), and then install the files again.

DOCOMO Connection Manager

“DOCOMO Connection Manager” packages “Flat-rate data plan connection software” necessary for using the flat-rate data plan and connection software necessary for volume charging data communication.

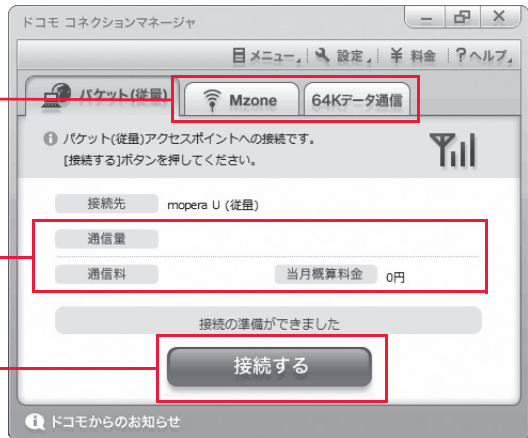
Also, “DOCOMO Connection Manager” is the software to access the Internet using a data communication compatible terminal. It enables you to sign up for “mopera U” and easily make PC settings.

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” for volume charging connection.

To access the Internet by using a terminal, you need to contract with an 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 Pake-hodai, Pake-hodai full, etc.)

Note that a communication fee might become expensive when you transfer a large amount of data such as by browsing web pages having many images, or by downloading data (such as application, music/movie data, updating of OS/Anti-virus software).

With the packet flat-rate service “Pake-hodai”, “Pake-hodai full”, “Pake-hodai double”, “Biz-hodai”, and “Biz-hodai double”, the data communication via PC connection is not included in the flat-rate service.

■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 the flat-rate data plan, be sure to use “Flat-data plan communication software”. You can download it from 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>

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.

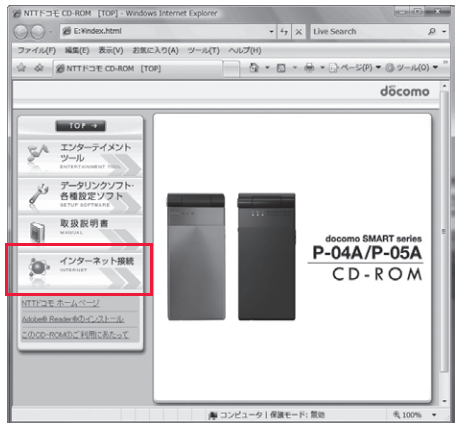
(Example) Right click the icon appears on the task tray, and select “閉じる (Close)” or “終了 (Exit)”

For Windows Vista

1 Set the provided “P-04A/P-05A CD-ROM” into your personal computer.

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

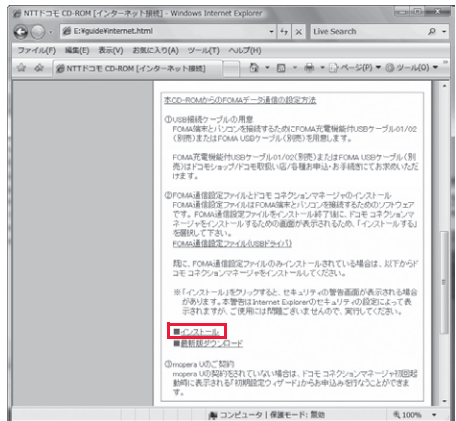
- If this display appears during installation of “DOCOMO Connection Manager”, close the display.



3 Click “インストール (Install)” of 操作② (Operation ②) 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)”

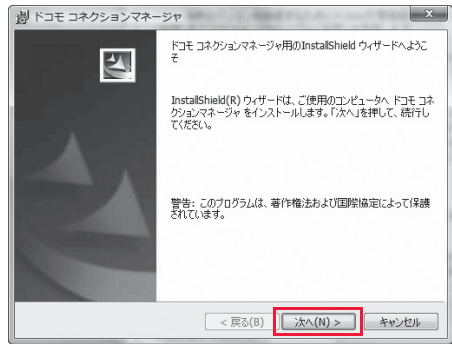
▶ Click “続行 (Continue)”.

- For Windows XP or Windows 2000, you do not need to click “続行 (Continue)”.

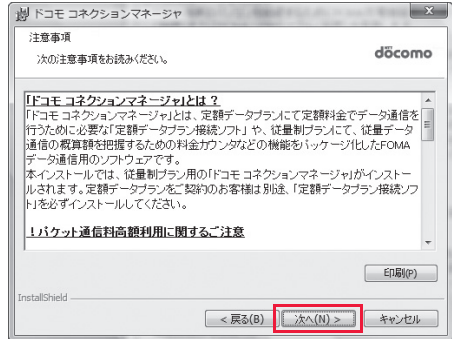


When MSXML6 and Wireless LAN API are not installed on the Windows XP environment, you need to install them before installing “DOCOMO Connection Manager”. When a confirmation display appears, click “Install” and install MSXML6/Wireless LAN API. When you restart Windows after installation of MSXML6/Wireless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

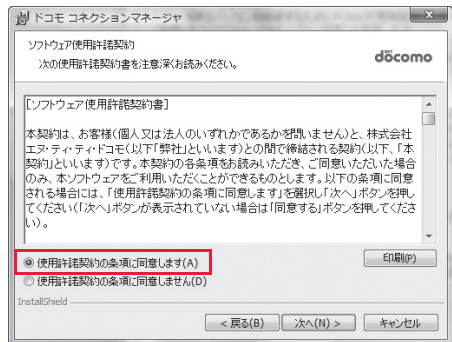
4 Click “次へ (Next)”.



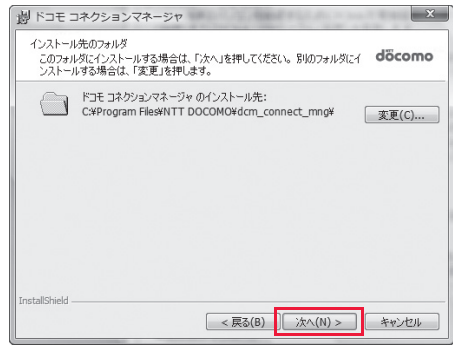
5 Confirm the display precautions and click “次へ (Next)”.



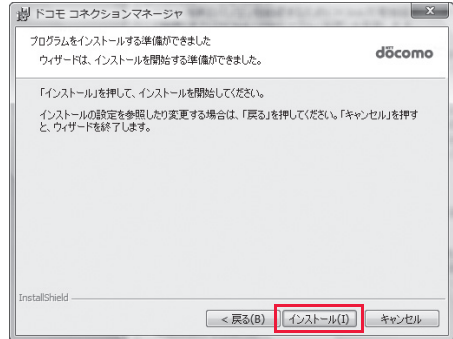
6 Confirm the displayed the licensing contract contents. If you agree with the contents, select “使用許諾契約の条項に同意します (Agree with the licensing contract contents)” and click “次へ (Next)”.



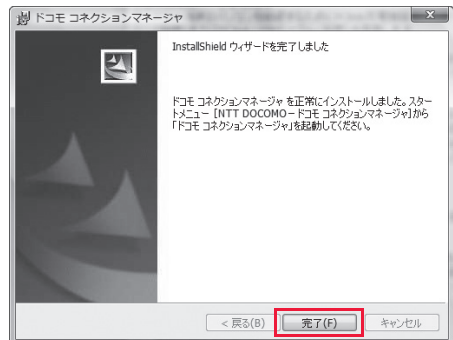
7 Confirm the installation destination folder, then click “次へ (Next)”.



8 Click “インストール (Install)”.
Installation starts.




9 Click “完了 (Finish)”.
Installation is completed.



Starting DOCOMO Connection Manager

For Windows Vista

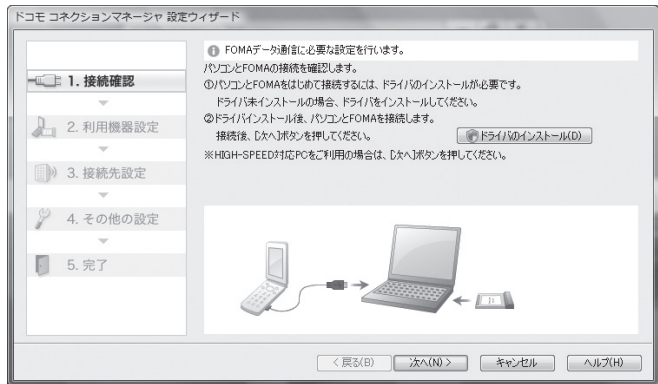
- 1 “ [スタート (Start)]”▶“すべてのプログラム (All programs)”
▶“NTT DOCOMO”
▶“ドコモ コネクションマネージャ (DOCOMO Connection Manager)”
▶“ドコモ コネクションマネージャ (DOCOMO Connection Manager)”

<For Windows XP, Windows 2000>

“スタート (Start)”→“すべてのプログラム (All programs)” [“プログラム (Program)”, for Windows 2000]→“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)”.

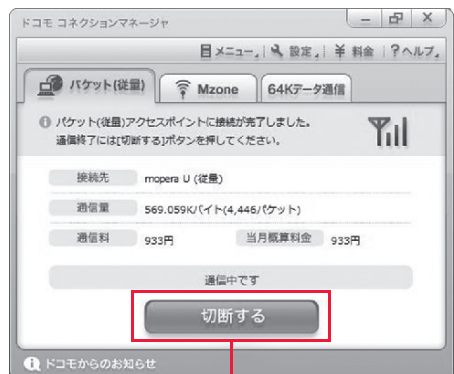


■When you disconnect the communication line

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

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 17).

You can set “caller ID notified/not notified” (see page 20) as required. (You need to set “caller ID notified” when using “mopera U” or “mopera”.)

<Packet communication setting flow using AT commands>

Confirm the COM port number (See page 15)



Start the communication software that enables the entry of AT commands (See step 3 on page 17)



Set an access point name (APN) (See step 7 on page 19)



Set “caller ID notified/not notified”(See step 2 on page 20)




Set others (See page 33)



Exit the communication software (See step 9 on page 19)

■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 P04A”/“FOMA P05A” (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.

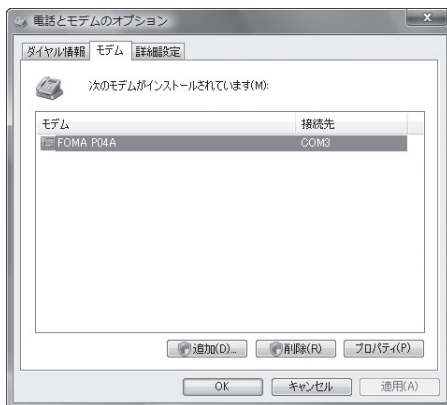
For Windows Vista

- 1 “

15

4 Open the “モデム (Modem)” tab, confirm the COM port number in the “接続先 (Access point)” field of “FOMA P04A” or “FOMA P05A”, then click “OK”.

- The COM port number you confirmed is used to set an access point name (APN) (see page 17).
- The contents on the property display and COM port number vary depending on the personal computer you use.
- Windows Vista does not support “Hyper Terminal”. For Windows Vista, set by using a software program which supports Windows Vista. (Follow the settings of the software program you use.)



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 P04A” or “FOMA P05A”, then click “OK”.

- The COM port number you confirmed is used to set an access point name (APN) (see page 17).
- The contents on the property display and COM port number vary depending on the personal computer you use.



- 1 “スタート (Start)”▶“設定 (Setting)”
▶Open “コントロールパネル (Control panel)”.
- 2 Open “電話とモデムのオプション (Phone and modem options)” in “コントロールパネル (Control panel)”.
- 3 If the “所在地情報 (Address information)” display appears, enter “市外局番 (City 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 P04A” or “FOMA P05A”, then click “OK”.

- The COM port number you confirmed is used to set an access point name (APN) (see page 17).
- The contents on the property display and COM port number vary depending on the personal computer you use.



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 19).

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 21).

- 1 Connect the FOMA USB Cable with Charge Function 01/02 to the FOMA terminal.
- 2 Turn on the power to the FOMA terminal, then connect the FOMA USB Cable with Charge Function 01/02, which is already 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.

- For Windows 2000, “スタート (Start)”→“プログラム (Programs)”→“アクセサリ (Accessories)”→“通信 (Communications)”→Open “ハイパーターミナル (Hyper Terminal)”.

4 Enter any name in the “名前 (Name)” field, then click “OK”.

Here, “Sample” is entered as an example.



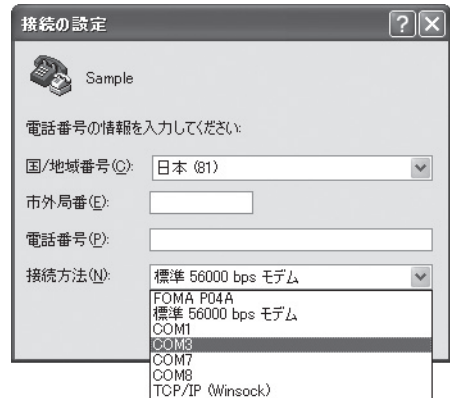
5 Select a connection method.

<When you can select the COM port number of “FOMA P04A” or “FOMA P05A”>

Select the COM port number with which you install the “FOMA P04A” or “FOMA P05A” 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 15 for the COM port number of “FOMA P04A” or “FOMA P05A” you should actually select in the “接続方法 (Connection method)” field.



<When you cannot select the COM port number of “FOMA P04A” or “FOMA P05A”>

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 P04A” or “FOMA P05A” 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.



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 2 or any number from 4 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".

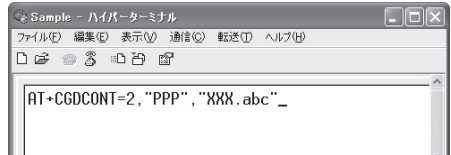
"APN": Enclose an access point name (APN) in double quotation marks (").

(Example:When specifying APN "XXX.abc" in cid2)

AT+CGDCONT=2,"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.




8 Confirm that "OK" appears on the display.



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" and cid3 contains "mopera.net" as an access point name (APN) by default. To connect to a provider other than "mopera U" or "mopera", you need to set the access point name (APN) to one of cid2 or cid4 through cid10 as specified by the provider or network administrator.

Default cid contents

Registration No. (cid)	Access point name (APN)
1	mopera.ne.jp (mopera)
2	Not set
3	mopera.net (mopera U)
4 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 cid2, enter the following:

*99***2#

■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) and for cid3 returns to “mopera.net” (default); the settings for cid2 and cid4 through cid10 are reset to being unregistered if you reset them.

(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 17 for details on how to operate “Hyper Terminal”.

2 Use the *DGPIR command (see page 35) 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

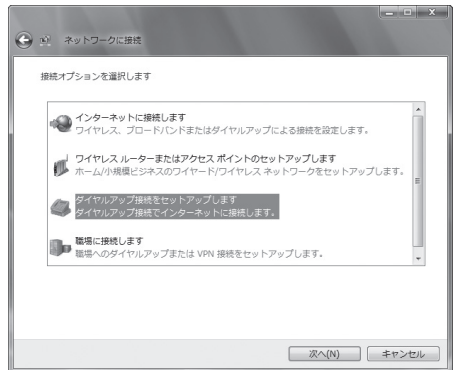
Also by dial-up network setting (see page 21), you can add “186 (notify)” or “184 (not notify)” to each access point number. When you specify “186 (notify)” or “184 (not notify)” using both the *DGPIR command and dial-up network setting, the caller ID is set as follows:

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.

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)”.

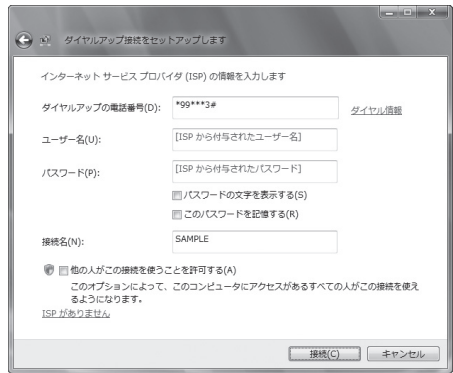


- 3 If the display for selecting a modem appears, click “FOMA P04A” or “FOMA P05A”.

●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.

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)”.

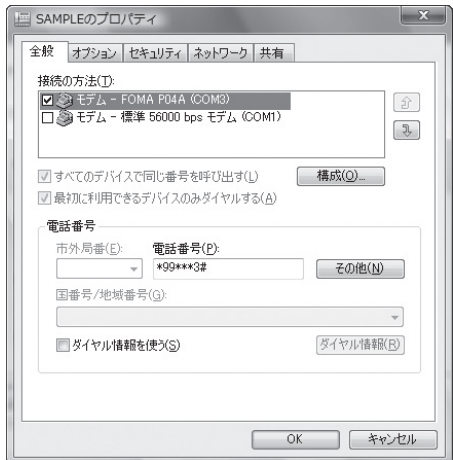
8 “[スタート (Start)]” ▶ “接続先 (Access point)”

▶ Highlight the access point which is finished with connection, and select “プロパティ (Property)” after the right click.

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 P04A” or “モデム (Modem) - FOMA P05A” 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 P04A” or “モデム (Modem) - FOMA P05A” to the top or uncheck modems other than “モデム (Modem) - FOMA P04A” or “モデム (Modem) - FOMA P05A”. When “ダイヤル情報を使う (Use dial information)” is checked, uncheck it.

•The COM port number allocated to “FOMA P04A” or “FOMA P05A” varies depending on the personal computer you use.
•When connecting to “mopera U”, enter “*99***3#” as the access point number.

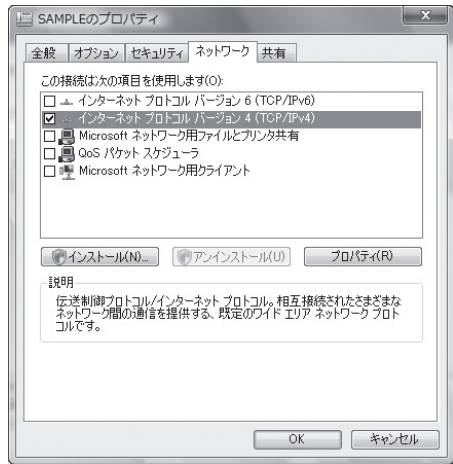


10 Click the “ネットワーク (Network)” tab, then carry out respective settings.

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/IP v4) [Internet protocol version 4 (TCP/IP v4)]”.

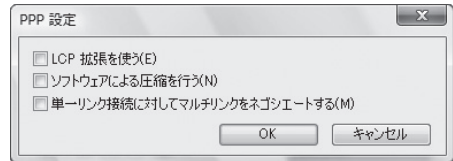
You can set the “QoS パケットスケジューラ (QoS packet scheduler)” if necessary.

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”.

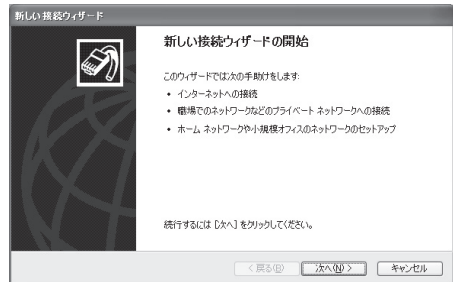


13 Return to the display in step 10, then click “OK”.

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)”.

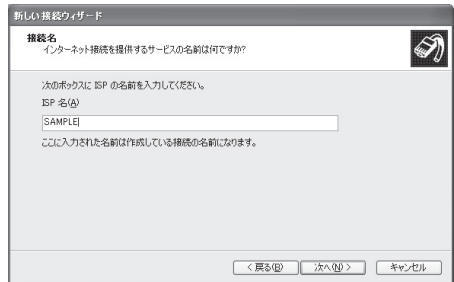
6 If the “デバイスの選択 (Select a device)” display appears, check “FOMA P04A” or “FOMA P05A” only, then click “次へ (Next)”.

- 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)”.

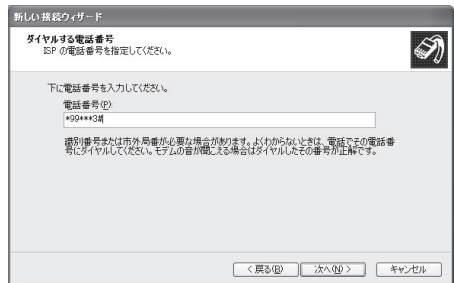
- Here, “SAMPLE” is entered as an example.



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

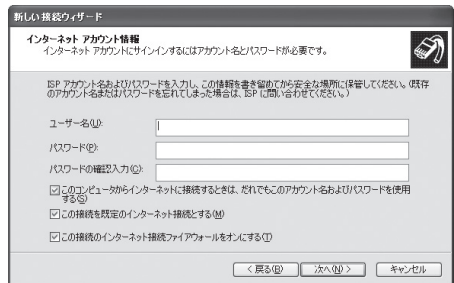
- When connecting to “mopera U”, enter “*99*…*3#” as the access point number.

See page 19 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.

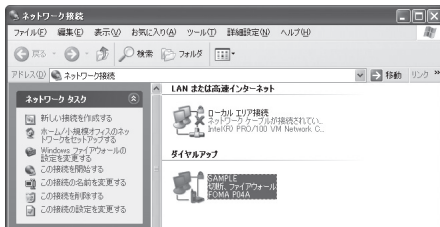


10 Click “完了 (Complete)”.


- 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 entered in step 7.



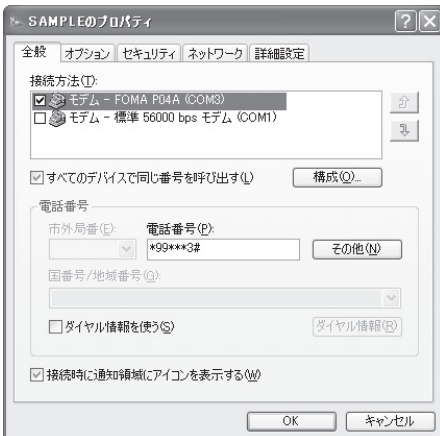
- 13** Click the “全般 (General)” tab to confirm the setting contents.

When two or more modems are connected to your personal computer, confirm that “モデム (Modem) - FOMA P04A” or “モデム (Modem) - FOMA P05A” 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 P04A” or “モデム (Modem) - FOMA P05A” to the top or uncheck modems other than “モデム (Modem) - FOMA P04A” or “モデム (Modem) - FOMA P05A”.

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

- The COM port number allocated to “FOMA P04A” or “FOMA P05A” varies depending on the personal computer you use.
- When connecting to “mopera U”, enter “*99**3#” as the access point number.

See page 19 for access point numbers other than “mopera U”.



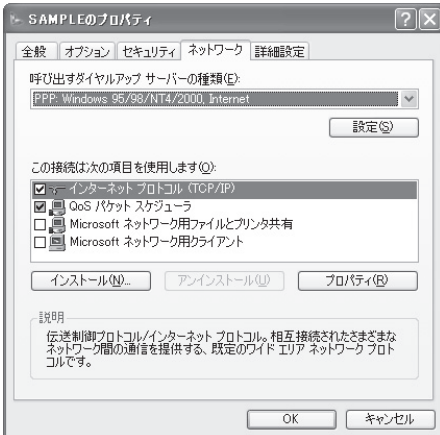
- 14** Click the “ネットワーク (Network)” tab, then carry out respective settings.

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”.

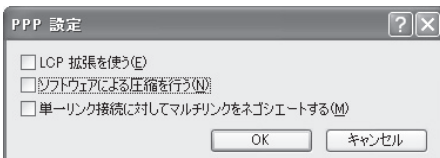
In the “この接続は次の項目を使用します (Use the following items for this connection)” field, select “インターネットプロトコル (TCP/IP) [Internet protocol (TCP/IP)]”.

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”.

Set Dial-up Network for Windows 2000

1 “スタート (Start)” ▶ “プログラム (Programs)”
▶ “アクセサリ (Accessories)” ▶ “通信 (Communications)” ▶ Open “ネット
ワークとダイヤルアップ接続 (Network and dial-up connections)”.

2 Double-click “新しい接続の作成 (Create a new connection)” in
“ネットワークとダイヤルアップ接続 (Network and dial-up
connections)”.

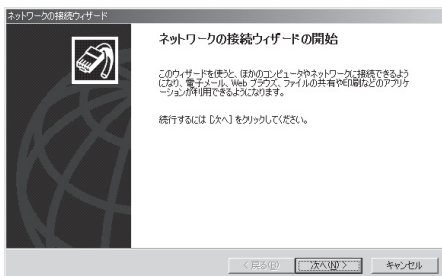


3 If the “所在地情報 (Address information)” display appears, enter “市外局
番 (City code)”, then click “OK”.

- The “所在地情報 (Address information)” display appears only when you first start “新しい接続の作成 (Create a new connection)” in step 2.
- At the second time or after, the “ネットワークの接続ウィザード (Network connection wizard)” display appears instead of this display. Go to step 5.

4 When “電話とモデムのオプション (Phone and modem options)” appears,
click “OK”.

5 When the “ネットワークの接続ウィ
ザード (Network connection
wizard)” display appears, click
“次へ (Next)”.



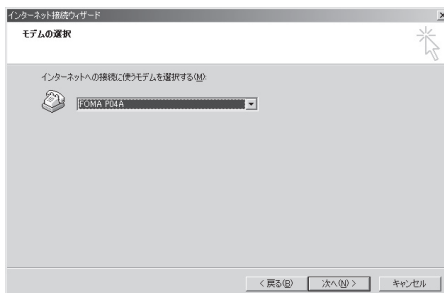
6 Select “インターネットにダイヤルアップ接続する (Dial-up connect to the
Internet)”, then click “次へ (Next)”.

7 Select “インターネット接続を手動で設定するか、またはローカルエリア
ネットワーク (LAN) を使って接続します [Connect to Internet manually or
via the local area network (LAN)]”, then click “次へ (Next)”.

8 Select “電話回線とモデムを使ってインターネットに接続します (Connect
to Internet via a phone line and modem)”, then click “次へ (Next)”.

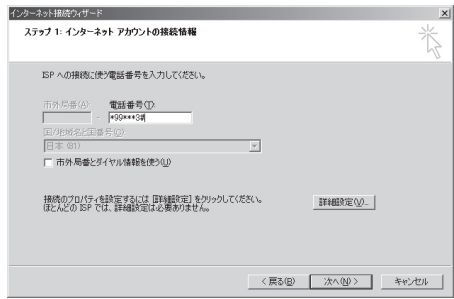
9 Confirm that “FOMA P04A” or
“FOMA P05A” is displayed in the “
インターネットへの接続に使うモデ
ムを選択する (Select a modem for
connection to Internet)” field. Then
click “次へ (Next)”.

- If “FOMA P04A” or “FOMA P05A” is not selected in that field, select it.
- The “モデムの選択 (Select a modem)” display may not appear depending on the operating environment of your personal computer. In this case, go to step 10.



10 Enter an access point number in the “電話番号 (Phone number)” field.

- Leave the “市外局番 (City code)” field blank.
- Uncheck “市外局番とダイヤル情報を使う (Use city code and dial information)”.
- When connecting to “mopera U”, enter “*99**3#” as the access point number.
See page 19 for access point numbers other than “mopera U”.

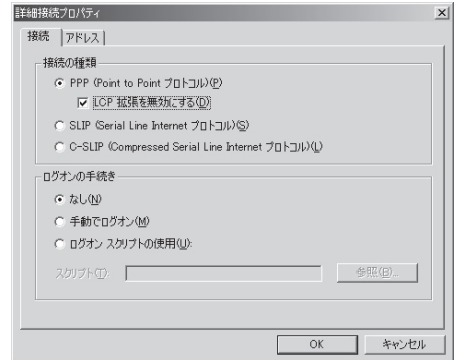


11 Click “詳細設定 (Detailed setting)”.

12 Specify the items in the “接続 (Connection)” tab.

Enter “接続の種類 (Connection type)” and “ログオンの手続き (Logon procedure)” according to the information supplied from your Internet service provider or network administrator. Confirm the contents you entered, then click the “アドレス (Address)” tab.

- Contact your Internet service provider or network administrator for the setting contents of “接続 (Connection)” tab.

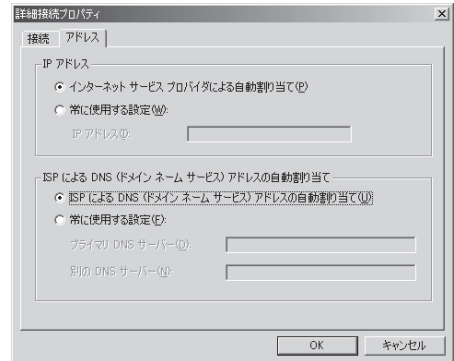


13 Specify IP address and DNS (domain name service) address.

Enter “IPアドレス (IP address)” and “ISPによるDNS (ドメインネームサービス) アドレスの自動割り当て [Automatically allocate a DNS (domain name service) address by ISP]” according to the information supplied from your Internet service provider or network administrator.

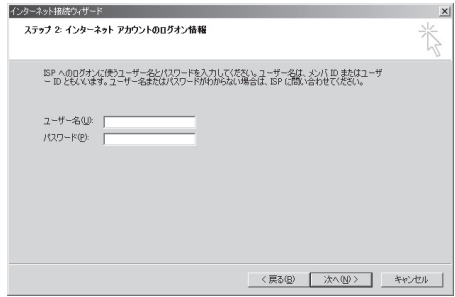
After you finish entering all the items, click “OK”. The display in step 10 returns; then click “次へ (Next)”.

- Contact your Internet service provider or network administrator for the setting contents of IP address and DNS address.



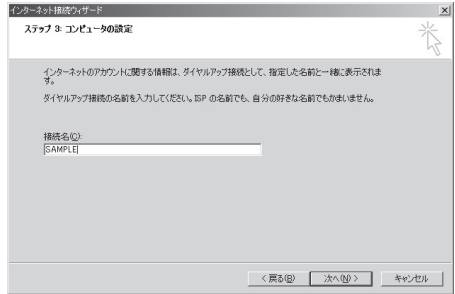
14 Enter the user name and password supplied from your Internet service provider or network administrator, in the “ユーザー名 (User name)” and “パスワード (Password)” fields. Then click “次へ (Next)”.

- When connecting to “mopera U” or “mopera”, you can leave the user name and password fields blank. In this case, two displays “ユーザー名を空白のままにしておきますか? (Do you want to make the user name blank?)” and “パスワードを空白のままにしておきますか? (Do you want to make the password blank?)” appear. Click “はい (Yes)” on each display. Then go to step 15.



15 Enter any name in the “接続名 (Connection name)” field, then click “次へ (Next)”.

- Here, “SAMPLE” is entered as an example.

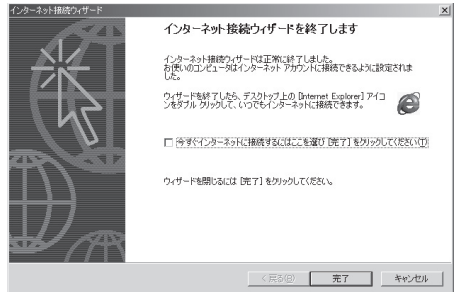


16 Select “いいえ (No)”, then click “次へ (Next)”.

- When setting the Internet mail, select “はい (Yes)”.
- Contact your Internet service provider or network administrator for details on the setting.

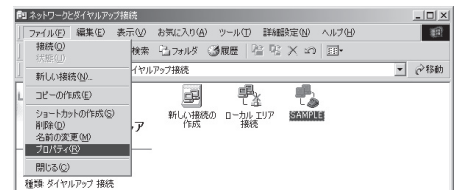
17 Then, carry out the “TCP/IP” setting.

- If the display for exiting the Internet connection wizard appears, uncheck “今すぐインターネットに接続するにはここを選び「完了」をクリックしてください (To connect to the Internet right now, select here, then click “Complete”)”. Then click “完了 (Complete)”.



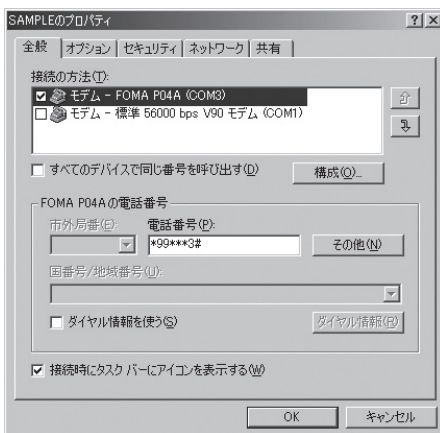
18 “スタート (Start)” ▶ “プログラム (Programs)” ▶ “アクセサリ (Accessories)” ▶ “通信 (Communications)” ▶ Open “ネットワークとダイヤルアップ接続 (Network and dial-up connections)”.

19 Select the icon of the access point name you entered in step 15, then select “ファイル (File)” menu ▶ “プロパティ (Properties)”.



20 Click the “全般 (General)” tab to confirm the setting contents.

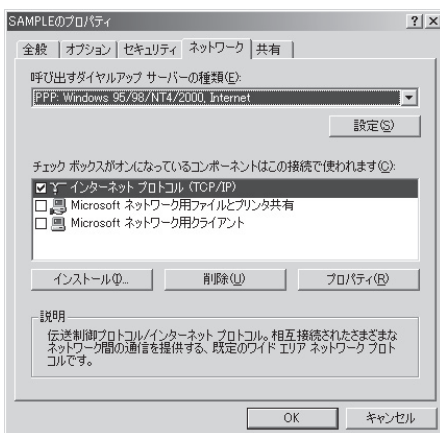
- When two or more modems are connected to your personal computer, confirm that “モデム (Modem) - FOMA P04A” or “モデム (Modem) - FOMA P05A” is checked in the “接続の方法 (Connection method)” field. If it is not checked, check it.
- Confirm that “ダイヤル情報を使う (Use dial information)” is unchecked. If it is checked, uncheck it.
- The COM port number allocated to “FOMA P04A” or “FOMA P05A” varies depending on the personal computer you use.
- When connecting to “mopera U”, enter “*99**3#” as the access point number.
See page 19 for access point numbers other than “mopera U”.



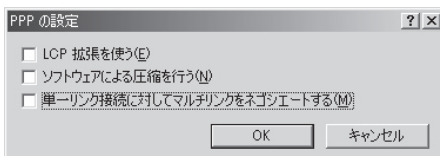
21 Click the “ネットワーク (Network)” tab, then carry out respective settings.

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”.

For the component, check only “インターネットプロトコル (TCP/IP) [Internet protocol (TCP/IP)]”. Then click “設定 (Setting)”.



22 Uncheck all the items, then click “OK”.



23 Return to the display in step 21, then click “OK”.

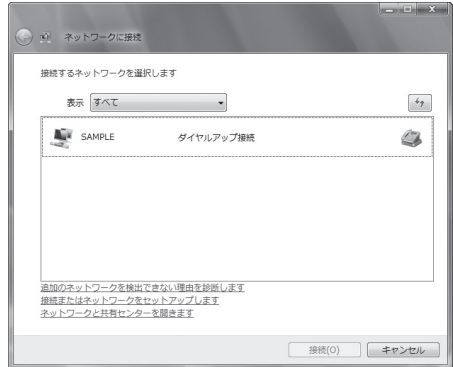
Making Dial-up Connection

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)”.

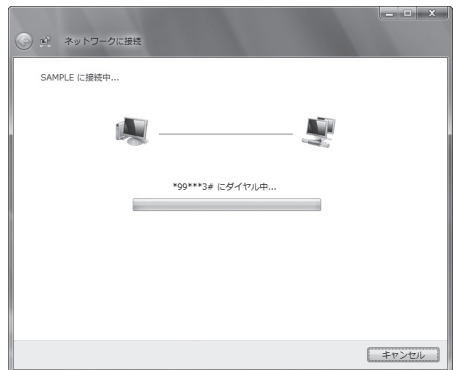


3 Confirm the contents and click “ダイヤル (Dial)”.

•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 web pages, use e-mail and so on.



Making Dial-up Connection for Windows XP

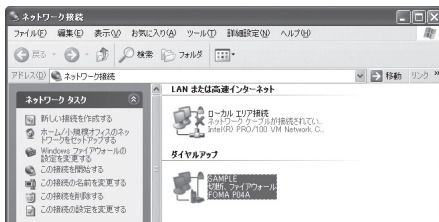
Perform the operation on page 5 to connect the FOMA terminal to your personal computer.

- 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 24) 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 of the task bar for a few seconds.

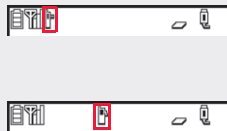
- You can start the browser software to browse web pages, use e-mail and so on.
- If this message does not appear, confirm the setting of the access point again.



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

For Windows Vista

1 Click the dial-up icon on the task tray.



2 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, Windows 2000>

Click “切断 (Disconnect)”.

Information

- The communication line may not be disconnected just by exiting the browser software. To surely disconnect the communication line, perform this operation.
- The baud rate displayed on your personal computer may be different from the actual one.

When you cannot connect to network

If you cannot connect to network (if you fail a dial-up connection), confirm the following items:

If this error occurs	Confirm those:
Your personal computer cannot recognize “P-04A” or “P-05A”	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 15).

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 14, 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 P04A Command Port or FOMA P05A Command Port.

[M]: Commands which are available in the FOMA P04A (modem) or FOMA P05A (modem).

[&F]: Commands whose settings are initialized by the AT&F command.

[&W]: Commands whose settings are saved by the AT&W command. The set value can be recalled by the ATZ command.

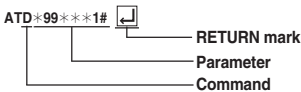
Information

- When you make a call from an external device or make an AT command call, the call is made from Number A in A Mode or Dual Mode of 2in1, and the call is made from Number B in B Mode of 2in1.

Entry Format of AT Command

To enter an AT command, use the terminal mode display of the communication software. Be sure to enter half-pitch alphanumeric characters.

- Entry example



- You need to enter an AT command on one line, including a parameter (digits and symbols) which follows the command.

Information

- The terminal mode enables you to operate a personal computer as one communication terminal. Using this mode, you can send characters you have entered from the keyboard to a line connected to the communication port.

Switch between Online Data Mode and Online Command Mode

There are following two methods of switching the FOMA terminal between the online data mode and online command mode:

· Enter the “+++” command or enter the code specified in the “S2” register.

· Set the ER signal of the RS-232C※ off when “AT&D1” is set.

•To switch the online command mode to the online data mode, enter “ATO”.

※The RS-232C signal line, which is emulated via the USB interface, is controlled by a communication application.

■Saving the setting contents

Please be careful that the setting contents with AT commands are initialized when the FOMA terminal is turned off and on or the external device is removed, except for the access point name (APN) setting with the AT+CGDCONT command, QoS setting with the AT+CGEQMIN or AT+CGEQREQ command, incoming call acceptance/rejection setting with the AT*DGAPL, AT*DGARL, or AT*DGANS 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.

List of AT Commands

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 20)	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 [M]	Displays the reason why the preceding call was disconnected.	<report> Disconnection reason list (See page 42)	AT+CEER +CEER:36 OK
AT+CGDCONT [M]	Sets the access point name (APN) for when dialing for packet communication.	See page 40.	See page 40.
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 41. AT+CGEQMIN=? Lists the settable values. AT+CGEQMIN? Displays the current setting.	See page 41.
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 41. AT+CGEQREQ=? Lists the settable values. AT+CGEQREQ? Displays the current setting.	See page 41.
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+CRING=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+CRING?: Displays the current setting. The +CRING format is as follows: +CRING: <type> During PPP packet ringing +CRING: GPRS "PPP",,,<APN>	AT+CRING=0 OK AT+CRING? +CRING: 0 OK

AT command	Outline	Parameter/Explanation	Command execution example
AT+CREG=n [AT][M] [&F]&W]	Sets whether the result is displayed about the inside and outside of the service area.	n=0: Not notified. (default) n=1: Notified at switching between the inside and outside of the service area. (Inquiry) AT+CREG? +CREG: <n>,<stat> n: Set value stat: 0: Outside voice call area 1: Inside voice call area 4: Unknown 5: Inside voice call area (during roaming)	AT+CREG=1 OK (set to "Notified") AT+CREG? +CREG: 1,0 OK (means the outside of the service area) (when moved from the outside to the inside of the service area) +CREG: 1
AT+CUSD=n,<str>,0 [M] [&F]&W]	Sets or checks the additional service for network.	n=0: Does not display mid result. (default) n=1: Displays mid result. <str>: Service code Mid result: m,<str>,0 m=0: Shows the setting is completed. m=1: Shows the network requires the information.	AT+CUSD=0, OK AT+CUSD=1,"*148*1*0000#",0 +CUSD:0,"148*7#",0 OK
AT+FCLASS=n [M] [&F]&W]	Sets communication class in the FOMA terminal.	n=0: Data communication (default)	AT+FCLASS=0 OK
AT+GCAP [M]	Displays the AT command supported by FOMA terminal.	Result +GCAP: n n=+CGSM: Some or all GSM commands are supported. n=+FCLASS: +FCLASS command is supported. n=+W: +W command is supported.	AT+GCAP +GCAP:+CGSM,+FCLASS,+W OK
AT+GMI [M]	Displays the manufacturer name (Panasonic).	—	AT+GMI Panasonic OK
AT+GMM [M]	Displays the product name (FOMA P-04A or FOMA P-05A) of the FOMA terminal.	—	AT+GMM FOMA P04A or FOMA P05A 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] [&F]&W]	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 [M]	Performs the receiving process in the mode when the FOMA terminal received the incoming call.	—	RING ATA CONNECT
ATD [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 [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 [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 P04A or FOMA P05A 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 $n \geq 10$, does not automatically receive a packet (PPP) incoming call, then the line is disconnected after about 30 seconds.) ATS0?: Inquires the set value.	ATS0=0 OK ATS0? 000 OK
ATS2=n [M] [&F]	Sets the escape character.	n=43: Default n=127: Makes escape processing invalid. ATS2?: Inquires the set value.	ATS2=43 OK ATS2? 043 OK
ATS3=n [M] [&F]	Sets the carriage return (CR) character.	n=13: Default (n=13 only specifiable) ATS3?: Inquires the set value.	ATS3=13 OK ATS3? 013 OK
ATS4=n [M] [&F]	Sets the line feed (LF) character.	n=10: Default (n=10 only specifiable) ATS4?: Inquires the set value.	ATS4=10 OK ATS4? 010 OK
ATS5=n [M] [&F]	Sets the back space (BS) character.	n=8: Default (n=8 only specifiable) ATS5?: Inquires the set value.	ATS5=8 OK ATS5? 008 OK
ATS30=n [M][&F]	Sets the inactive timer (minute). When no user data is sent or received, the connection is cut after the set time has elapsed. This command is for only 64K data communication. When 0 is set, the inactive timer turns to OFF.	n=0 to 255 (default=0) (unit: minute)	ATS30=0 OK
ATS103=n [M][&F]	Selects characters to pause for incoming sub-address.	n=0: *(asterisk) n=1: / (slash) (default) n=2: ¥ or back slash	ATS103=0 OK
ATS104=n [M][&F]	Selects characters to pause for outgoing sub-address.	n=0: # (sharp) n=1: % (percentage) (default) n=2: & (and)	ATS104=0 OK
ATVn [M] [&F]&W]	Sets all the result codes in the numeric or alphabetical notation.	n=0: Returns the result code in a numeric value. n=1: Returns the result code in alphabetical characters. (default)	ATV1 OK
ATXn [M] [&F]&W]	Sets whether to display the speed in the CONNECT display at connection. Detects busy tone and dial tone.	n=0: Dial tone not detected; busy tone not detected; speed not displayed. n=1: Dial tone not detected; busy tone not detected; speed displayed. n=2: Dial tone detected; busy tone not detected; speed displayed. n=3: Dial tone not detected; busy tone detected; speed displayed. n=4: Dial tone detected; busy tone detected; speed displayed. (default)	ATX1 OK

AT command	Outline	Parameter/Explanation	Command execution example
ATZ [M]	Resets the setting to the contents of the nonvolatile memory. If this command is entered during communication, the line is disconnected.	—	(In online) ATZ NO CARRIER (In offline) ATZ OK
AT+VS [M]	Displays the contents of the each command and S register currently set.	—	AT+VS 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

※ <cid> is a number used to manage an access point name (APN) for packet communication, which is registered in the FOMA terminal.
You can register 1 to 10 in the FOMA terminal. "mopera.ne.jp" is registered to <cid>=1 and "mopera.net" is registered to <cid>=3, each at purchase, so register 2 or 4 through 10.
<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=2,"PPP","abc"
OK

※ The command used to register an APN name, abc (cid=2)
※ This command, which is a setting command, is not stored in the nonvolatile memory written by [M], and is not reset by [F] and [Z], either.

- Command name: +CGEQMIN=[parameter] [M]
 - Outline

This command registers the reference value to judge whether the system permits QoS (Quality of service) reported from the network at establishment of the packet communication.

You can specify four setting patterns described in the command execution example below.
 - Format

+CGEQMIN=[<cid>[,<Maximum bitrate UL>[,<Maximum bitrate DL>]]]
 - Explanation of parameters

<cid>※ : 1 to 10
 <Maximum bitrate UL>※ : None (default) or 384
 <Maximum bitrate DL>※ : None (default) or 7232

※<cid> is a number used to manage an access point name (APN) for packet communication, which is registered in the FOMA terminal.

You can register 1 to 10 in the FOMA terminal. "mopera.ne.jp" is registered to <cid>=1 and "mopera.net" is registered to <cid>=3, each at purchase, so register 2 or 4 through 10.

<Maximum bitrate UL> and <Maximum bitrate DL> are used to specify the minimum 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 384 and 7232 because the baud rate other 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 384 kbps for upload and 7232 kbps for download (cid=3)
 AT+CGEQMIN=3,,384,7232
 OK

(3)Command that accepts 384 kbps for upload and all baud rates for download (cid=4)
 AT+CGEQMIN=4,,384
 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.

You can register 1 to 10 in the FOMA terminal. "mopera.ne.jp" is registered to <cid>=1 and "mopera.net" is registered to <cid>=3, each at purchase, so register 2 or 4 through 10.
 - 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 7232000	7,232,000bps

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 AT $\#$ n command (see page 39) 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 40).

Example in character notation: ATD*99***3#
CONNECT

Example in numeric notation: ATD*99***3#
1

- When ATX1 is set[※]:

· 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***3#
CONNECT 460800

Example in numeric notation: ATD*99***3#
1 21

· If ATX1 and AT $\#$ V1 are set[※]:

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)>

Example in character notation: ATD*99***3#

CONNECT 460800 PACKET
mopera.net /384/7232

(Indicates that the FOMA terminal connected to mopera.net at maximum 384 kbps for upload and maximum 7232 kbps for download.)

Example in numeric notation: ATD*99***3#
1215

※ 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.

P-04A/P-05A

Kuten Code List

