



# F-07C

**INSTRUCTION MANUAL '11.5**

Thank you for purchasing "F-07C" mobile terminal.

Before using F-07C, read this manual to ensure safe use and handling.

## Instruction manuals for F-07C

The operations of F-07C are described in this manual, "使いかたガイド (Guide)" (installed in FOMA terminal) and "Instruction manual (detailed version)" (PDF file).

### Instruction manual (this manual)

This manual provides information about screens and operations of basic functions.

### "使いかたガイド (Guide)" (installed in FOMA terminal)

This guide provides overviews and operations of frequently-used functions.

In F-07C Stand-by display, **ME** **NO** **6** LifeKit **\*** Guide **▶** Select a search method

### "Instruction manual (detailed version)" (PDF file)

This manual provides detailed information and operations of all the functions. (In Japanese only)







<From a PC> This manual can be downloaded from NTT DOCOMO website.

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

\* The URL and contents are subject to change without prior notice.

- In this "F-07C INSTRUCTION MANUAL", "F-07C" mobile terminal is usually referred to as "FOMA terminal".
- The images or illustration used in this manual are examples. They may differ from the actual displays.
- In this manual, "authenticate" indicates the operating procedure for entering the terminal security code in 4-8 digits. ⇒P34

## Basic package

<b>F-07C</b> (including Back Cover F58 and warranty)	<b>Battery Pack F20</b>	<b>Earphone Plug Adapter F01</b>	<b>USB Cable F01</b>
			
	<b>Instruction manual</b> 	<b>CD-R of Microsoft® Office Personal 2010 biennial licensed version (Japanese)</b>	<b>AC Adapter F04</b> 
			<b>Compatible options ⇒P99</b>

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

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# FOMA terminal

- F-70C supports W-CDMA, GSM/GPRS, Wireless LAN system.
- Because your FOMA terminal uses wireless transmission, it may not function in locations where it is difficult for radio waves to penetrate, such as tunnels, underground passages and some buildings, in areas where radio waves are weak, or out of service area. Even when you are high up in a tall building or condominium and nothing blocks your view outside, your FOMA terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when the signal meter on your FOMA terminal indicates there are strong radio waves and you are not moving (traveling).
- Because your FOMA terminal uses radio waves to communicate, it is possible that a third party may attempt to tap your calls. However, the W-CDMA, GSM/GPRS system automatically applies a confidential communication function to all calls, so even if a third party could somehow tap a call, they only hear noise.
- Your FOMA terminal encodes voice communication as digital data. When you are operating your FOMA terminal while moving to a location subject to weaker radio wave conditions, the transmitted digital data may not be correctly decoded and as a result the decoded voice may differ somewhat from the actual voice.
- Maintain a separate record of the data (phonebook, schedule, notepad, recorded messages, voice memos, moving picture memos, etc.) you registered in your FOMA terminal. Note that DOCOMO assumes no responsibility for any loss of saved contents of data resulting from malfunction, repair, changing of the model or other handling of FOMA terminal.
- You are recommended to save important data to microSD card. Using DOCOMO keitai datalink, you can transfer and save phonebook, mail, schedule and other data to a PC.
- The user hereby agrees that the user shall be solely responsible for the result of the use of SSL/TLS. Neither DOCOMO nor the certifier as listed herein makes any representation and warranty as for the security in the use of SSL/TLS. If the data should be erased, DOCOMO assumes no responsibility for the loss of any data.  
Certifier : VeriSign Japan K.K., Cybertrust Japan Co., Ltd., GlobalSign K.K., RSA Security Japan Ltd., SECOM Trust Systems Co., Ltd., Comodo CA Ltd., Entrust, Inc.
- This FOMA terminal supports FOMA Plus-Area and FOMA HIGH-SPEED Area.
- Descriptions in this manual are for the FOMA terminal with a DOCOMO's UIM inserted.

## ■ SIM unlock


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

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

# What you can do with F-07C

## Windows 7 mode

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F-07C is equipped with "FOMA mode" for using as a regular FOMA terminal and "Windows 7 mode". Press  to switch to Windows 7 mode. You can use the Internet via Full Browser, e-mail "Office 2010 Personal" and electronic dictionaries. In Windows 7 mode, you can also use wireless LAN compatible with Wi-Fi. (In Japanese only)

\* The functions of Windows 7 mode are described in the chapter "Windows 7" other than common portions to FOMA mode, such as part names. For functions of FOMA mode used in Windows 7 mode, see "Windows 7".

## 使いかたガイド (Guide)

27

This function allows you to check the operations of desired functions with the FOMA terminal. Without the instruction manual at your hand, you can check them readily. (In Japanese only)

## eco mode

33

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

## International Roaming (WORLD WING)

43

While staying overseas, you can use the same FOMA terminal, phone number and mail address as those used in Japan (3G/GSM Areas are supported).

## AUTO-GPS

53

AUTO-GPS function allows you to use convenient services that deliver such information as weather, neighboring shops, sightseeing, etc. around your location.

## High functionality camera

54

Camera offers approximately 5.1 million pixels (effective pixels) and Auto scene recognition to switch to the optimal scene mode, Face detection to detect persons face and smile rate, Tracking focus to track the subject, Whiteboard mode to shoot text etc. on the whiteboard sharply, etc.

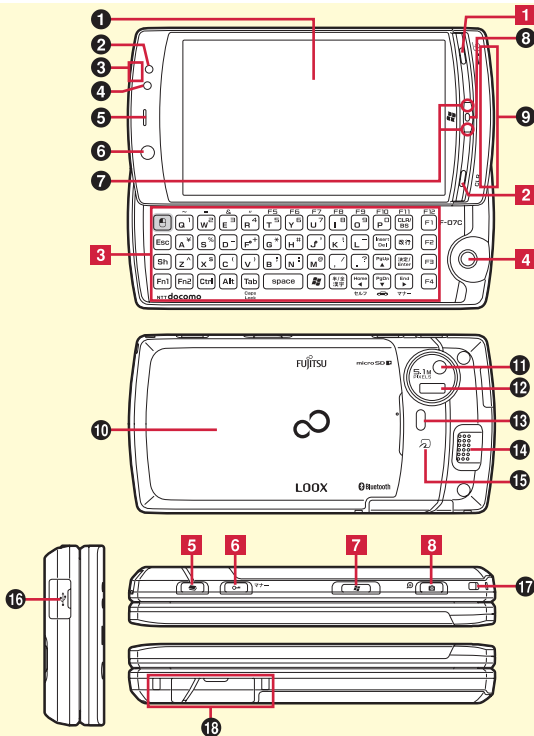
## i-concier

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i-concier is a service that supports your life like a butler or concierge. It stores your various information (area information of residence, schedule, ToruCa, phonebook, etc.) and offers you information that matches your schedule, living area or current location, preferences and interest at the right time.







# Part names and functions

Part names of F-07C and major functions assigned to each part are as follows.



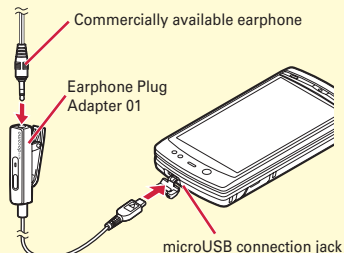
To use the function with \*, press the key for 1 second or more.

- 1 **Display (touch panel)**
- 2 **Light for indicating receiving call or mail, or charging, etc.**
- 3 **GPS antenna (Built-in)**  
Covering around the antenna with your hand may affect the quality.
- 4 **Light sensor for sensing the ambient lightness to adjust the brightness of the display**
- 5 **Earpiece**
- 6 **In-camera**
- 7 **Windows 7 lights⇒P6**
- 8 **Microphone**
- 9 **FOMA antenna (built into FOMA terminal)**  
Covering around the antenna with your hand may affect the quality.
- 10 **Back cover**  
To access UIM slot and the microSD card slot, remove the back cover and the battery pack. Do not remove the sticker on the rear side of the back cover. It may cause the FOMA terminal performance to be degraded.
- 11 **Out-camera**
- 12 **Infrared data port**
- 13 **Shooting indication light, Camera light**
- 14 **Speaker**
- 15 **mark for placing over IC card reader for Osaifu-Keitai and iC transmission**
- 16 **Micro USB connection jack for connecting the included USB Cable F01 or Earphone Plug Adapter 01.**
- 17 **Strap opening**
- 18 **Cradle connection jack⇒P22**

- 1  **Exit a running function, or turn ON/OFF the FOMA terminal by pressing for 2 seconds or more**
- 2  **Receive a voice call, delete a character, return to the previous screen, or display i-Channel list**
- 3 **QWERTY keypad⇒P6**
- 4 **Track ball for rotating to move the cursor/pressing to execute operations. In Windows 7 mode, press for the same operation as left click of mouse or press 1 second or more for the same operation as right click of mouse**  
In Windows 7 mode, there are functions to be performed in combination with other keys.⇒P78
- 5  **Multitask key for starting another function during a call or operation**
- 6  **Turn ON/OFF the display or start/cancel Silent mode\***
- 7  **Switch Windows 7 mode/FOMA mode, press for 4 seconds or more to force-quit Windows 7⇒P75**
- 8  **Perform operations while starting Camera or start the still camera shooting\***

#### Connecting of Earphone Plug Adapter 01 and commercially available earphone

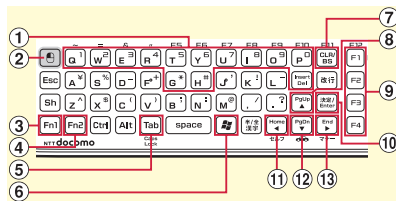
\*Connect included Earphone Plug Adapter 01 to microUSB connection jack



## QWERTY keypad

In slide style, you can operate such as start of functions using keys. Basic operations in FOMA mode are explained here.

In Windows 7 mode, you can operate the QWERTY keypad in the same way as a PC keyboard.



Functions with \* are for pressing key for 1 second or more to execute.

- ① **[G] - [P], [G], [H], [Del]** Enter phone number or symbols, select menu or item, delete a character, return to the previous screen or perform each shortcut operation
- ② **[Esc]** Only in Windows 7 mode, select an item or the same operation as left-click of mouse pad
- ③ **[Fn1]** Press with the other key to enter symbols/numbers or to use the functions marked on the key in blue
- ④ **[Fn2]** Press with the other key to enter symbols or to use the functions marked on the key in yellow-green
- ⑤ **[Tab]** Execute another function while calling or communicating (Multi-access/Multitask)

- ⑥ **[Win]** Only in Windows 7 mode, display the start menu
- ⑦ **[CLR]** Delete a character, return to the previous screen, or display i-Channel list
- ⑧ **[▲]** Display Scheduler, move the cursor, or display Alarm clock list\*
- ⑨ **Guide keys**
  - [F1]** : Display the menu, or perform the operation at upper-left of the guide area
  - [F2]** : Display the outgoing call screen, or perform the operation at upper-right of the guide area
  - [F3]** : Display the mail menu, perform the operation at lower-left of the guide area, or Check new message\*
  - [F4]** : Display iMenu connecting to i-mode, perform the operation at lower-right of the guide area, or display i-appli folder list\*
- ⑩ **[決定]** Execute operations, focus mode or operations in the center of the guide area
- ⑪ **[◀]** Display Received calls, switch screens, move the cursor
- ⑫ **[▼]** Display Phonebook, move the cursor, or add phonebook entry\*
- ⑬ **[▶]** Display Redial, switch screens, move the cursor, or start/cancel IC card lock\*

## Windows 7 lights

You are notified of the state of Windows 7 by turning on and blinking the lights. The lights turn on blue during activation, blink blue alternately during getting ready for boot, blink blue during sleep, one light blinks blue during getting ready for hibernation, and they turn off during hibernation/Power OFF.

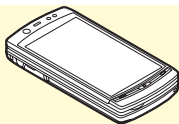


## Usage Styles

You can use the FOMA terminal with two styles: "basic style (closed state)" supports touch operation, "slide style (opened state)" supports touch operation and key operation.

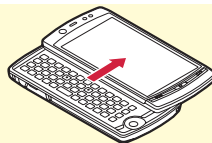
- The procedures for the Basic style are mainly described in this manual.
- For operations available only by QWERTY keypad, and convenient operations using QWERTY keypad, key operation is described. Switch to the Slide style to operate QWERTY keypad.

### ✦ Basic style



Vertical and horizontal views can be switched according to tilt of the FOMA terminal by the auto rotation in Motion sensor (in some screens, screen view may not be changed).

### ✦ Slide style






The screen is automatically switched to horizontal view (in some screens, screen view may not be changed).

#### Point



- Do not apply excessive force when opening/closing the FOMA terminal. It may cause damages on the keypad or the display.
- For opening/closing the FOMA terminal, do not touch the touch panel with your fingers to prevent inadvertent operations.
- Before carrying the FOMA terminal, change to basic style and activate Operation lock to prevent inadvertent operations or to save battery power consumption.





# Precautions (Always follow these directions)

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

 <b>DANGER</b>	This sign denotes that death or serious injury may directly result from improper use.
 <b>WARNING</b>	This sign denotes that death or serious injury may result from improper use.
 <b>CAUTION</b>	This sign denotes that minor injury or damage to property may result from improper use.

- The symbols below show specific directions.

 Don't	This symbol denotes that the action is prohibited.
 No disassembly	This symbol denotes that disassembling the phone or its components is not allowed.

 No wet hands	This symbol denotes that using the phone or its components with wet hands is not allowed.
 No liquids	This symbol denotes that using the phone or its components in a bathroom or other highly humid area is not allowed.
 Do	This symbol denotes that an instruction must be obeyed at all times.
 Unplug	This symbol denotes that the equipment should be unplugged.

## ■ Precautions contain the descriptions below.

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## Handling FOMA terminal, battery pack, AC adapter (including USB cable) and UIM (common)

### DANGER



Don't

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

May cause fire, burns or injuries.



Don't

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

May cause fire, burns, injuries or electric shock.



No disassembly

**Do not disassemble or remodel the equipment.**

May cause fire, burns, injuries or electric shock.



No liquids

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

May cause fire, burns, injuries or electric shock.



Do

**Use the battery pack and AC adapter (including USB cable) specified by NTT DOCOMO for your FOMA terminal.**

May cause fire, burns, injuries or electric shock.

### WARNING



Don't

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

May cause fire, burns, injuries or electric shock.



Don't

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

May cause fire, burns, injuries or electric shock.



Don't

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

May cause fire or burns.



Do

**Turn FOMA terminal OFF and stop charging if you charge the battery before entering a place such as a gas station where flammable gases are generated.**

The gas may catch fire.

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



Do

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

- Remove the power plug from the wall outlet.
- Turn FOMA terminal OFF.
- Remove the battery pack from FOMA terminal.

May cause fire, burns, injuries or electric shock.

### CAUTION



Don't

**Do not leave the equipment on unstable or sloping surfaces.**

The equipment may fall and cause injuries.



Don't

**Do not store the equipment in extremely humid, dusty or hot areas.**  
May cause fire, burns or electric shock.



Do

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



Do

**Store the equipment out of reach of small children.**  
May be accidentally swallowed or cause injuries.



Do

**Be careful especially when using FOMA terminal connected to the AC adapter (including USB cable) continuously for a long time.**

If you use i-appli or a videophone call while charging the battery for a long time, FOMA terminal, battery pack and AC adapter (including USB cable) may be heated.  
Directly touching a hot part for a long time, you may have redness, itching or rash on your skin, or it may result in low-temperature burns depending on your constitution and/or health condition.

## Handling FOMA terminal



### WARNING



Don't

**Do not direct the infrared data port toward your eye and transmit signals.**  
May cause harmful effect on eyes.



Don't

**Do not direct the infrared data port toward home electric appliances etc. equipped with infrared device when using infrared communication.**  
May cause an accident because of malfunction of infrared device.



Don't

**Do not turn on the light by getting the lighting part closer to other person's eyes. When shooting infants, keep at least 1 m away from the object.**  
May impair eyesight. And may cause accidents like injury etc., by dazzling or astounding other people.



Don't

**Do not put foreign objects such as liquid like water, metal pieces or burnable things into UIM or microSD card slot.**  
May cause fire, burns, injuries or electric shock.



Don't

**Do not turn on the light aiming directly at the driver of the car etc.**  
May disturb driving and cause an accident.



Do

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

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

When using the phone in a medical facility, be sure to observe the regulations of the facility.  
If you do prohibited act such as using the phone in an airplane, you will be punished according to law.

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



Do

**Be careful when using the FOMA terminal in Windows 7 mode.**

FOMA terminal may be heated while using Windows 7 mode. Directly touching a hot part for a long time, you may have redness, itching or rash on your skin, or it may result in low-temperature burns depending on your constitution and/or health condition.



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

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

Too loud volume may cause a hearing loss. And, if you cannot hear the sound around you clearly, it may cause an accident.



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

May cause harmful effect on heart.



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

May cause harmful effect on electronic medical equipment etc.



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

May cause the equipment to fail or malfunction.

\* Examples of electronic equipment to avoid.

Hearing aids, implanted pacemakers or defibrillators, other electronic medical equipment, fire alarms, automatic doors and other automatic control equipment.

Users wearing implanted pacemakers or defibrillators or other electronic medical equipment should check with the manufacturer or sales outlet about the effect of radio frequencies on the equipment.



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

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



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

May cause hearing defect.



## CAUTION



**Do not swing FOMA terminal by its strap.**

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



**Do not use damaged FOMA terminal.**

May cause fire, burns, injuries or electric shock.



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

May cause accident such as injuries.



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

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



Do

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

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



Do

**Mobile phones can give some users skin problems such as itching, allergic reactions or rashes. If you develop skin problems, stop using the phone immediately, and see a doctor.⇒ "Material list (P15)".**



Do

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

May cause accident such as injuries.



Do

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

May reduce visual acuity.

## Handling battery pack

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

Display	Battery type
Li-ion 00	Li-ion battery

**DANGER**

Don't

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

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



Don't

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

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



Don't

**Do not throw the battery pack into the fire.**

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



Don't

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

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



Do

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

May cause loss of sight.

**WARNING**

Don't

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

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



Do

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

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



Do

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

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

**CAUTION**

Don't

**Do not discard old battery packs together with other garbage.**

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



Don't

**Do not use or charge a wet battery pack.**

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



Do

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

May cause loss of sight or skin problems. If the fluid etc. put into your eyes or mouth, or contacts skin or clothes, immediately flush the contacted area with clean water. If the fluid put into the eyes or mouth, immediately see a doctor after flushing.

**Handling AC adapter (including USB cable)****WARNING**

Don't

**Do not use the USB cable cord if it gets damaged.**

May cause fire, burns, electric shock.



Don't

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

May cause fire, burns, electric shock.



Don't

**When it starts to thunder, do not touch AC adapter (including USB cable).**

May cause electric shock.



Don't

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

May cause fire, burns or electric shock.



Don't

**Do not place heavy objects on the USB cable cord.**

May cause fire, burns or electric shock.



Don't

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

May cause fire, burns or electric shock.



No wet hands

**Do not touch the AC adapter (including USB cable) cord or outlet with wet hands.**

May cause fire, burns or electric shock.



Do

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

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

AC adapter : AC100V

AC adapter for global use : Between 100V and 240V AC (connect to the AC outlet for internal household use)



Do

**Wipe off any dust that accumulates on the power plug.**

May cause fire, burns or electric shock.



Do

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

May cause fire, burns or electric shock.



Do

**When you disconnect the power plug from the outlet, do not pull the USB cable cord with excessive force. Instead, hold the AC adapter to disconnect.**  
May cause fire, burns or electric shock.



Unplug

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

May cause fire, burns or electric shock.



Unplug

**Immediately remove the power plug from the outlet if water or other fluids get into the AC adapter.**

May cause fire, burns or electric shock.



Unplug

**Always remove the power plug from the outlet when cleaning the equipment.**

May cause fire, burns or electric shock.

## Handling UIM



### CAUTION



Do

**Be careful of the cut surface when removing UIM.**

May cause injuries.

## Handling mobile phones near electronic medical equipment

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



### WARNING



Do

**Obey the following rules inside medical facilities.**

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



Do

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

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



Do

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

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





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

## Material list

Part		Material	Surface treatment
Exterior case	Movable part Display	PA-GF resin	UV hard coating
	Movable part Display lower part	PC+ABS resin	UV hard coating
	Movable part back side	PC+ABS resin	UV hard coating
	Fixed part Keypad	PC+ABS resin	UV hard coating
	Fixed part Battery	PC+ABS resin	UV hard coating
	Back Cover	PC+ABS resin	UV hard coating
Display panel		Hardened glass	Shatterproof film
Camera lens, camera panel		Transparent thermoplastic (PMMA)	UV hard coating
Light panel		PC resin	None
Front keys		PC resin	UV hard coating
Side keys (Windows 7 switch key)		PC resin	UV hard coating
Side keys (multitask key, lock key, camera/zoom key)		Elastomer resin (TPE)	None

Part		Material	Surface treatment
Keypad		PC resin	UV hard coating
External connection jack cap	Phone	PC+ABS resin	UV hard coating
	Flexure	Elastomer resin (TPE)	None
Static electricity contacts	Contacts	Stainless steel	Ni-Plating
External connection jack		Stainless steel	Tin plating
Ornamental sheet around keypad		PET resin	UV hard coating
Back part	Slide module	Stainless steel	Smooth coating
	Screw cap	Silicon rubber (VMQ)	None
	RF cap	Silicon rubber (VMQ)	None
	Slide pad	Super high density polyethylene film	None
Screw (battery install recess)		Stainless steel	None
Battery install recess face		PC board	Gold plating
Battery contacts	Battery contacts connector	PPS resin	None
	Battery contacts	Beryllium copper	Gold plating (base : Ni-Pd plating)
Battery Pack	Battery pack	PC resin	None
	Contacts	Beryllium copper	Gold plating
UIM tray		POM resin	None

# Handling precautions

## General

- **Keep water away from FOMA terminal.**
  - FOMA terminal, battery pack, AC adapter (including USB cable), cradle, UIM are not waterproof. Do not use them in bathrooms or other high-humidity areas, or in the rain. When carrying FOMA terminal in a pocket near your body, sweat may corrode the inner components, causing malfunction. Malfunctions deemed to be caused by water are not covered by the warranty, and may be impossible to repair. Since these conditions are outside the scope of the warranty, a repair, if at all possible, is charged.
- **Clean FOMA terminal with a dry soft cloth (such as a cloth for eyeglasses).**
  - Rubbing it roughly with a dry cloth can scratch the display.
  - Drops of water or dirt left on the display may cause stains.
  - If FOMA terminal is wiped with alcohol, paint thinner, benzine or detergent, the printing may disappear or color may fade.
- **Clean the jack occasionally with a dry cotton swab etc.**
  - If the jack is soiled, connection gets worse and it may cause power to be turned off or insufficient battery charge, so clean the jack with a dry cotton swab etc. Also, be careful never to damage the jack when cleaning it.
- **Do not place FOMA terminal near an air-conditioner outlet.**
  - The rapid change in temperature may cause condensation, causing internal corrosion and malfunction.

- **When using, be careful not to subject excessive force to FOMA terminal or the battery.**
  - If FOMA terminal is crammed into a brimming bag or placed in a pocket and sat on, display, internal PCBs or battery pack may be damaged or malfunction. And, if the included USB Cable F01 etc. are plugged into the microUSB connection jack, the breakage of the connector or malfunction may result.
- **Do not rub or scrape the display with a metal piece etc.**
  - It may scratch the display, causing malfunction or damage.
- **Carefully read the separate instructions that come with battery pack, AC adapter, USB cable and cradle.**

## FOMA terminal

- **Do not press the surface of the touch panel strongly or operate it with sharp objects such as a nail, a ballpoint pen and a pin.**
  - It may damage the touch panel.
- **Avoid extreme temperature.**
  - Use FOMA terminal where the temperature ranges between 5 and 35°C and humidity ranges between 45 and 85%.
- **FOMA terminal may affect land-line phones, TVs or radios in use nearby, so use it as far as possible from these appliances.**
- **Maintain a separate record of the data you saved in your FOMA terminal.**
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **Do not drop FOMA terminal or subject it to shocks.**
  - May cause malfunction or damage.
- **Do not plug USB Cable F01 etc. into the microUSB connection jack at a slant, or do not pull it forcibly while it is plugged.**
  - May cause malfunction or damage.
- **Do not close FOMA terminal with the strap etc. held inside.**
  - May cause malfunction or damage.

- It is normal for FOMA terminal to become warm during use or charging. Continue to use it.
- Do not leave FOMA terminal with the camera in areas under strong direct sunlight.
  - May cause discoloring or burn-in of materials.
- FOMA terminal should normally be used with the microUSB connection jack cap closed.
  - Dust and/or water brought into FOMA terminal cause troubles.
- Do not use FOMA terminal with the back cover removed.
  - May cause the battery to come off, or may cause a malfunction or damage.
- Do not put extreme thick sticker on the keypad face.
  - May cause malfunction, damage or erroneous operation.
- Do not put label, sticker, etc. on the back side of display.
  - Label, sticker, etc. may be hooked when opening/closing FOMA terminal and may cause malfunction or damage.
- While microSD card is being used, do not take the card out and do not turn OFF FOMA terminal.
  - May cause data loss or malfunction.
- Do not bring magnetic cards etc. close to FOMA terminal nor clip it by FOMA terminal.
  - Magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
- Do not bring magnetized objects close to FOMA terminal.
  - Bringing strong magnetism close may cause a malfunction.

## Battery pack

- The battery pack is a consumable part.
  - Replace the battery pack if FOMA terminal has extremely short operation time on a full charge, though it may vary by operating conditions. Purchase a new battery pack of the specified type.
- Charge the battery in an area within the proper ambient temperature range (5-35°C).
- The operation time provided by the battery pack varies by the operating environment and battery pack's deterioration.
- The battery pack may swell out as it comes to near the end of its lifetime depending on the usage conditions, but it is not a problem.
- Be careful especially about the following points when preserving the battery pack.
  - Keeping under the state of the full charge (right after charging ends)
  - Keeping under the state of the empty charge (too exhausted to turn on FOMA terminal)
 They may cause the battery pack performance to be degraded or its lifetime to be shortened.  
 A recommended battery level to keep the battery pack is the battery icon in 2 cells or in 40 % of remaining battery level as a guide.

## AC adapter (including USB cable)

- Charge the battery in an area within the proper ambient temperature range (5-35°C).
- Do not charge the battery in the areas below.
  - In areas of excessive humidity, dust or vibrations
  - Near land-line phones or TVs/radios
- It is normal for the AC adapter (USB cable) to become hot while charging. Continue to use it.
- When using an outlet with a mechanism preventing unplugging, follow the handling instructions for that outlet.
- Do not give strong shock. Do not deform the microUSB connection jack.
  - May cause malfunction.

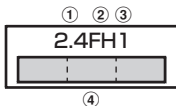
## UIM


- Do not use excessive force to install/remove UIM.
- Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using UIM with another IC card reader/writer.
- Always keep UIM ICs clean.
- Clean UIM with a soft, dry cloth (such as a cloth for eyeglasses).
- Maintain a separate record of the data you saved in UIM.
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.

- To preserve the environment, bring the old UIM to a sales outlet such as docomo Shop.
- Take care not to scratch, touch accidentally or short IC.
  - May cause data loss or malfunction.
- Do not drop UIM or subject it to shocks.
  - May cause malfunction.
- Do not bend UIM or place heavy objects on it.
  - May cause malfunction.
- Do not install UIM into FOMA terminal with a label or sticker put on.
  - May cause malfunction.

## Bluetooth devices

- This FOMA terminal is equipped with the security features, that are compliant with Bluetooth standards for communication via Bluetooth. However, depending on the settings, there may not be enough security. Be aware of security risks when using Bluetooth.
- DOCOMO assumes no responsibility for any information which may be leaked during communication via Bluetooth.
- You can use headset, handsfree and audio devices with FOMA terminal. An audio/video remote control may be available with an audio device (only Bluetooth compatible devices).
- Frequency bands  
Frequency bands used by FOMA terminal Bluetooth function are as below.



- ① 2.4 : Radio equipment that uses the 2400 MHz band.  
 ② FH : The modulation is the FH-SS method.  
 ③ 1 : The expected interference distance is 10 m or shorter.  
 ④  : All bandwidths between 2400 MHz and 2483.5 MHz are used, and the bandwidth used by mobile object identification devices cannot be avoided.

## Cautions on using Bluetooth devices

In the bandwidth used by this terminal, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations used to identify mobile objects used in production lines of a factory that require a license, specified low power radio stations, or amateur radio stations that do not require a license (hereafter "other radio stations") can be in operation.

1. Before using this terminal, check whether other radio stations are in operation in your neighborhood.
2. If radio wave interference occurs between the terminal and "other radio stations", use the terminal in a different location or "Turn the power OFF" to avoid the radio wave interference.
3. For more detailed information, contact the numbers for "General Inquiries" on the last page of this manual.

## Wireless LAN (WLAN)

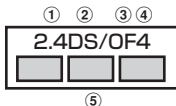
- Wireless LAN communication (WLAN) uses radio waves for exchanging information. An advantage is that connection can be available anywhere the radio waves can be reached. On the other hand, if you communicate without appropriate security settings, communications may be intercepted or hacked by malicious parties. It is recommended to make necessary security settings on your judgement and responsibility.
- Wireless LAN


Do not use Wireless LAN in a place where magnetized by electric products, AV, OA equipment, etc. or where electromagnetic wave is generated.

- If magnetism or electrostatic noise affects FOMA terminal, noise may be increased or communication may not be available (especially when using microwave oven, it may affect the terminal).
- Using near TV or radio may cause poor reception or TV screen may be blurred.
- When multiple wireless LAN access points exist near FOMA terminal and they use the same channel, search may not be performed correctly.

## • Frequency bands

Frequency bands for WLAN devices are written on battery pack insert section of phone. Label description are as follows.



- ① 2.4 : Radio equipment that uses the 2400 MHz band.
- ② DS : The modulation is the DS-SS method.
- ③ OF : The modulation is the OFDM method.
- ④ 4 : The expected interference distance is 40 m or shorter.
- ⑤  : All bandwidths between 2400 MHz and 2483.5 MHz are used, and the bandwidth used by mobile object identification devices can be avoided.

Available channel varies by countries. To use WLAN overseas, check the conditions such as available frequency, regulation, etc. for the country.

To use in airplane, confirm with airline company in advance.

## • Cautions on using 2.4GHz devices

In the bandwidth used by WLAN devices, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations for identification of mobile objects used in production lines of a factory (a license is required), specified low power radio stations (a license is not required), or amateur radio stations (a license is required) can be in operation.

- Before using this device, confirm that in-plant radio stations for identification of mobile objects, specified low power radio stations or amateur radio stations are not in operation in your neighborhood.
- If this device generates harmful radio wave interference against in-plant radio stations for identification of mobile objects, change the using frequency promptly or stop using wireless LAN function, and contact "General Inquiries" on the last page of this manual, then consult about treatment for prevention of the interference (for example, installation of partitions etc.).
- If this device generates harmful radio wave interference against in-plant radio stations for identification of mobile objects or amateur radio stations, or if any trouble, contact "General Inquiries" on the last page of this manual.

## FeliCa reader/writer

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

**CAUTION**

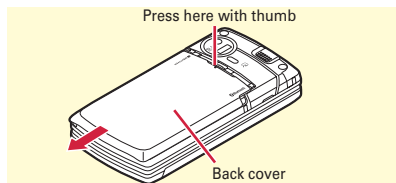
- **Do not use a remodeled FOMA terminal. Using a remodeled terminal violates the Radio Law.**  
FOMA terminal is certified according to technical standard conformance of specified wireless equipment based on the Radio Law, and as a proof of it, the "Technical Compliance Mark (TM)" is depicted on the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

# Attaching UIM/battery pack

Turn the power OFF, close and hold the FOMA terminal in your hand to attach UIM/battery pack properly.

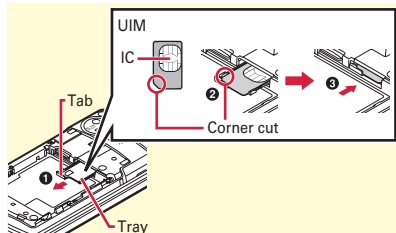
## ❖ Removing back cover

With pressing the back cover with your thumb, slide approximately 3 mm in the direction of the arrow to remove it.



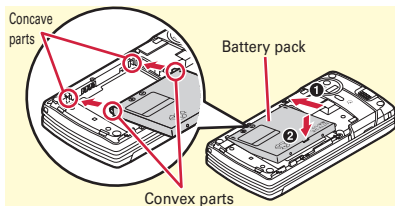
## ❖ Installing UIM

Pull the tab with your nail and pull out the tray until it clicks (❶). Hold UIM with the IC side up, align the beveled corner with the tray (❷) and push into the tray until it stops (❸).



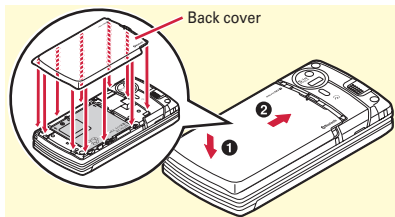
## ❖ Attaching battery pack

With label side of the battery pack up, align convex parts of the battery pack with concave parts of the FOMA terminal, slide the battery pack in the direction of ❶ and then press it in the direction of ❷ to set in.



## ❖ Attaching back cover

Place the tabs of back cover to the notches of the FOMA terminal, press the back cover in the direction of ❶ to avoid forming any clearance between them, then slide it in the direction of ❷ to attach.



### Point

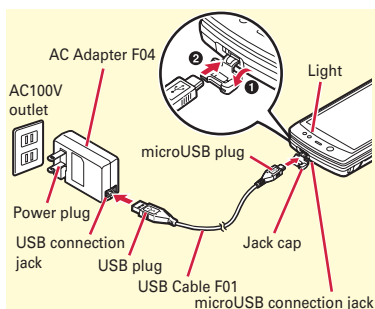
- UIM (blue) is not available for this FOMA terminal. If you have the UIM (blue), bring it to a docomo Shop.

# Charging

## Charging using AC Adapter F04 and USB Cable F01

- 1 Insert the USB plug of USB cable horizontally to the USB connection jack, with the mark side upward
- 2 Open microUSB connection jack cap (1), hold the connector horizontally with the mark side upward and insert it to the jack (2)
- 3 Insert the AC adapter's power plug into a 100V AC outlet

- \* Check that the light turns on (when the power is off, it takes time to turn on the light).
- \* After charging is over, pull out the power plug from the outlet, and pull out microUSB plug from FOMA terminal horizontally.

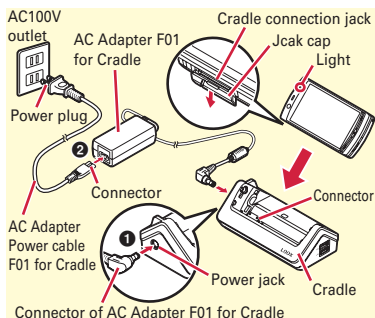


## Using cradle for charging

Prepare Cradle Set F01 (optional).

- 1 Insert AC adapter's connection jack to cradle's power jack (1), and power cable's connection jack horizontally to AC adapter (2)
- 2 Insert the power cable's power plug into a 100V AC outlet
- 3 Close the FOMA terminal, and insert it to cradle with cradle connection jack cap opened


- \* Check that the light turns on (when the power is off, it takes time to turn on the light).
- \* After charging is over, remove the FOMA terminal from cradle.





## Turning power ON - Configuring default setting


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

- 1  (2 sec. or more)
- 2 "Yes" or "No" on a confirmation screen of enlarged menu setting
- 3 Set required items ▶ "Complete"  
If you exit without setting Change security code and Request permit/deny, Initial setting screen reappears when the power is turned ON the next time.
- 4 On a confirmation screen of software update function, "OK"  
The stand-by display appears.

### Point

- If no operation is performed, the display light is automatically turned off according to the settings in Light time-out or eco mode setting. The display light turns on again if there is any operation or incoming call.

Turning power off :  (2 sec. or more)


Changing initial settings :  ▶ 8 7 5 6

Changing screen display to English :

 ▶ 8 2 6 3 ▶ Select "English"

## Caller ID notification

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


- 1  ▶ 8 Settings & NW services ▶ 8  
NW Services ▶ 3 Caller ID ▶ 1 Caller  
ID notification ▶ 1 Activate/Deactivate  
▶ 1 Notify or 2 Not notify

### Point



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

## User information


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

- 1  ▶ 0 User information  
User information screen appears.

### Point

- You can display User information also by pressing   on stand-by display.

**Editing user information :** On User information edit screen, "Edit" ▶ Authenticate ▶ Edit ▶ "Set"

**Checking a phone number during a call :**  4 6

## Viewing display



Arrival information and the current state can be checked by the icon appearing on the display. Major icons are as follows.


### Top of the display

Battery level (Battery icon)


 (Ample charge) ⇔  (Almost exhausted (Charge the battery))

Signal strength (Antenna icon)


 (Strong) ⇔  (Weak)

 外 : Out of service area or where radio waves do not reach

 : Self mode ON


 : In data transfer mode


 : Connecting to i-mode

 : Infrared communication in operation


 : Bluetooth ON


 : The total calls cost exceeds the limit

 : Bluetooth connection being established

 : Communication using handsfree-compatible device in progress


 : Handsfree ON


 : Femtocell setting available

 : eco mode activated

 : Positioning with GPS

 : Location request setting


 : Display off lock ON

 : A phonebook entry or schedule has secret attribute


 : High-pitched alarm ON


 : Kid-safe mode ON


 : Unread Area Mail exists


 : Unread i-mode mail exists


 : Arrival i-concier information exists


 : Unreceived i-mode mail exists in i-mode Center


 : Displaying SSL/TLS page etc.


 : Auto-send mail exists

 : During i-appli operation

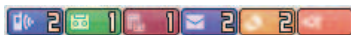
 : i-appli call received

 : Alarm clock ON


 : Schedule reminder ON

 : Inside OFFICEED area

### Bottom of the display





Arrival information (Starting from the left, missed call, recorded message, voice mail service, unread message, unread ToruCa, i-appli call)


 : Silent mode ON


 : Call alert volume OFF

 : Vibrator for voice call ON

 : In Public mode (Drive mode)

 : Record message ON


 : Keypad dial lock ON

 : Personal data lock ON

 : IC card lock ON


 : microSD card installed during


Communication mode

 : Connected to external device using USB cable  
F01, or starting Windows 7 mode

 : Pedometer/ACT monitor is set

 : Software update rewrite notice

 : Auto-update of latest pattern definition failure

 : Touch button on stand-by

display⇒P25

# Basic operation of screens and keys

## Touch button on stand-by display



Starting from the left, there are touch buttons for displaying the menu, call screen, iMENU with accessing i-mode, and the mail menu (depending on the usage style of the FOMA terminal, the order of the buttons differs).

In this manual, touch buttons in operation steps are described as **MENU**, **[Phone]**, **[iMenu]**, **[Mail]**.

## Menu operation

Touch **MENU** and then perform the functions from the menu.

**<Example> Selecting "Calculator"**

**1** **MENU** ▶ **Touch "[7] Accessory"** ▶ **Touch "[4] Calculator"**

### Point

- For key operation, press **[F1]** **[U]** **[R]** in slide style.
- Even when a function is running, you can perform the same operation if "MENU" is displayed on the guide area.
- To return to the previous screen, touch **←** or press **[CLR]**. To return to the stand-by display, touch **×** or press **[END]**.
- On the stand-by display with Info/calendar layout set, or with arrival information icon or i-concier information displayed, press **[INFO]** to change the display to Focus mode that allows you to quickly display the related information.

## Guide area

Operations that can be performed by touching the screen or pressing **[F1]**, **[F2]**, **[決定]**, **[F3]** and **[F4]** are displayed in the guide area. The

corresponding key appears at upper-right or upper-left of each operation. To perform an operation, press **[F1]**, **[F2]**, **[F3]** or **[F4]**. To perform an operation in the center, press **[決定]**.

◀▶ on the guide area corresponds to arrow keys **[↑]**, **[↓]**, **[←]** and **[→]**.

- Operations by pressing key for 1 second or more cannot be executed by touch operation.

Guide area



## Switching menu screens

You can switch among "Kisekai menu", the design of which can be changed using Kisekai Tool, "Basic menu", which has the fixed menu numbers, and "Custom menu", to which menu items can be saved freely.


To switch the menu screen, touch "Custom"/"Basic" on Kisekai menu, or touch "Kisekai" on Basic menu or Custom menu.



# Using touch panel

## Notes for using the touch panel

- Do not apply excessive force when opening/closing the FOMA terminal. Doing so may cause malfunction or damage of the keys or the display.
- Touching the touch panel may not work in the following cases. Note that it may cause malfunction.
  - Operation with gloved hands
  - Operation with tip of fingernail
  - Operation with a foreign object on the display
  - Operation with protective sheet or seal on the display

## Basic touch operation

<b>Touch (Click)</b> 	Touch the display lightly once and release the finger. The operation becomes effective when you release your finger from the display. This operation is mainly for selecting menus, items, etc. To right-click in Windows 7 mode, touch an icon etc. with one finger and touch other part with other finger. Alternatively, touch and leave it for a while.
<b>Double-touch (Double-click)</b>	Touch the display lightly twice and release the finger. The operation becomes effective when you release your finger from the display. In FOMA mode, this operation is mainly for zooming in/out or switching the display.

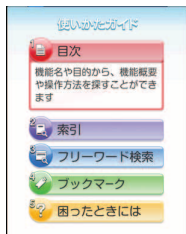
<b>Slide (Drag)</b> 	Keep touching the display, move your finger up, down, left or right and release the finger at any point. In FOMA mode, this operation is for rewinding/fast-forwarding on MUSIC Player, Hand writing input, switching tabs on the phonebook list screen or pages. In Windows 7 mode, this operation is for specifying range of text selection etc.
<b>Slide quickly (Flick)</b>	Touch the display lightly and flick your finger up, down, right or left. In FOMA mode, this operation is for switching pages or images, or moving to a different chapter or tune, etc. In Windows 7 mode, this operation can be used for switching photo or image file, or "Back" by flicking right, "Go" by flicking left in Internet Explorer window.
<b>Pinch</b> 	While touching the screen with two fingers, widen or narrow down the distance between the two fingers. This operation is for zooming in/out when viewing website or PDF document. This operation is unavailable in FOMA mode.

## Screen Explanation

# 使いかたガイド (Guide)

You can check overviews and operations of functions, and troubleshooting. (In Japanese only)

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



<Guide screen>

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

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

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

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

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

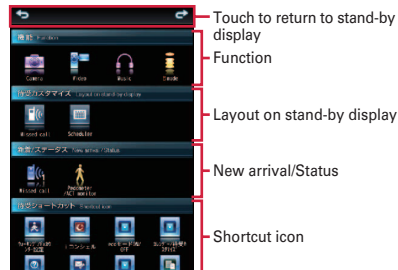
## Point

- On a description screen, select "この機能を使う (Use this function)" to perform a function. Selecting a link item in "関連機能 (Related functions)", or "→コチラ (See more)" displays a corresponding description screen.
- There are no descriptions on the Windows 7 mode.

## Screen Explanation

# Stand-by launcher

Touch the stand-by display to display the stand-by launcher which allows you to easily activate a function, check an arrival information, etc. by touching a button.



<Stand-by launcher screen>

**機能 (Function)** : Activate a function.

**待受カスタマイズ (Stand-by disp layout)** : Use when information set in Info/calendar layout exists.

**新着／ステータス (New arrival/Status)** : Check arrival information.

**待受ショートカット (Shortcut icon)** : Use when setting shortcut icon.


## Point

- To display all buttons in the category, touch the title part.



## Character Entry


# Entering characters

You can enter characters by the touch operation and the key operation.









On the character entry screen, each time you touch an input mode switch button ( , etc), the input modes and the icons switch.

## Entering characters with touch operation

	Touch key input	Handwriting input
<b>Outline</b>	Select a character with touch operation  	Write characters with your finger in the hand writing entry area  
<b>Example (in hiragana /kanji mode)</b>	ろ: "ら9" ▶ "ろ" つ: "た4" ▶ "つ" ぼ: "は6" ▶ "ほ" (twice) "ぼ" ん: "わ0" ▶ "ん" ぎ: "か2" ▶ "き" ▶ "ぎ"	Write "六", "本", and 木" in order in the hand writing entry area.

	Touch key input	Handwriting input
<b>Operations during entry</b>	"Clear" or  : Delete 1 character at the cursor position (after the entry is fixed)  "A/a": Switch upper/lower case "Back": Return to the first level of each input mode on the character entry screen "PrevPage"/"NextPage": Display the previous/next symbol list	"Clear": Delete recognized characters "Close": Close the conversion options list "Corr": Rewrite a character

## Entering characters with QWERTY keypad

	Roman letters input mode
<b>Outline</b>	Enter characters by pressing alphabet keys as Romanized spelling corresponding to the reading. (For entering Japanese)
<b>Example (in hiragana /kanji mode)</b>	When entering "六本木" as one word, input "ropponngi". As an example of character entry, entering each character separately is explained here. "ろ":  "つ":  /   "ぼ":  "ん":  /  "ぎ": 

	Roman letters input mode
Operations during entry	<p><b>[Fn1]+Symbol or number printed key on the upper section</b> : Enter symbol or number</p> <p><b>[Sh]+[A]-[Z]</b> : Enter capital alphabet</p> <p><b>[Fn2]+[Tab]</b> : Keep capital letter entering</p>

## Switching input modes

Switching input modes varies by the input method.

### Input with touch keys

When "TextMode" is touched, the input mode list is displayed, and touch any of "Kana", "Alphameric", "Num", "Katakana", "Symbol S", "Symbol L" to switch the input mode.

- When input mode is "Kana", "Alphameric", "Num" or "Katakana", "A/A" switches one-byte or two-byte characters.

### Roman letters input (for entering Japanese)

Each time you press **[F3]** on the character entry screen, the input mode switches as "One-byte number" ⇒ "Hiragana/Kanji" ⇒ "One-byte katakana" ⇒ "One-byte alphabet" ⇒ "One-byte number"...

- Use **[▲]**, **[▼]** or **[\*/#]** to switch two-byte or one-byte characters.

## Text input

Set a text input method or operation during text entry.

- 1** **[MENU]** ▶ **8** **Settings & NW services** ▶ **7** **Clock & Other** ▶ **3** **Text input** ▶ **5** **Text input method** ▶ **Set required items** ▶ **"Set"**

## Entering pictograms/smileys

### Entering pictograms

- 1** On the character entry screen, "Pict/Sym"

The pictogram list appears.



- ① Input log field**

Recently entered pictograms appear up to 20 (13 for horizontal view).

- ② Pictogram list**

Each time you touch "Pictgm"/"Pictgm D" (when entering mail message or editing signature), the pictogram list switches. If there contains multiple pages, touch "PrevPage"/"NextPage" to switch them.

- 2** **Select a pictogram**

Press **[CLR]** to close the pictogram list.

### Point

- When Roman letter input mode is performed, pressing **[F2]** displays pictogram list. The pictogram list switches by each pressing **[F2]**. If there contains multiple pages, press **[F3]** or **[F4]** to switch them.

### Entering smileys

- 1** On the character entry screen, "MENU" ▶ **5** **Pict/Symbol/Smiley** ▶ **3** **Smiley** ▶ **1** **入力履歴** - **9** **すべて** ▶ **Select a smiley**

# Sound settings

## Setting ring alerts and sound

**<Example>** Setting Call ring alert (Call ring alert/  
V.phone ring alert)

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 1  
**Alerts & Sounds** ▶ 1 **Ring alerts &  
Sounds** ▶ 1 **Call ring alert** ▶ 1 **Call ring  
alert** or 2 **V.phone ring alert** ▶ **Set  
required items** ▶ **Set**

### Point

- When Call ring alert is set, the setting applies to Call alert and Videophone alert.
- Some music or moving pictures/i-motion may not be set to the ring alert.

## Adjusting volume

**<Example>** Setting call alert volume

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 1  
**Alerts & Sounds** ▶ 2 **Adjust volume** ▶  
1 **Alert/Call volume** ▶ 1 **Call alert  
volume** ▶ **Slide up or down** ▶ **"Select"**

## Vibration mode

Incoming calls or alarms is notified with vibration, instead of sound.

**<Example>** Notifying an incoming voice call with vibration


- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 1  
**Alerts & Sounds** ▶ 3 **Vibrate alert/**

**effect** ▶ 1 **Call vibrate alert** ▶ 1 **Call  
vibrate alert** ▶ **Select a pattern**

## Silent mode


This function cancels the sound emitted from the FOMA terminal such as ring alert, Key/touch sound, Slide sound, Alarm sound, or the sound for reading a code with Bar code reader, and an incoming call is notified with vibrator (vibration). In Silent mode, microphone is sensitized so that you can call in a small voice.

- 1  (1 sec. or more)

 appears on the stand-by display in Silent mode.

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

### Point

- When the FOMA terminal is opened, press  while pressing **[Fn2]** to set/cancel the Silent mode.
- Shutter sound is emitted even in Silent mode.

## Muting key/touch sound

You can turn off a sound to be emitted when pressing keys or touching the touch panel.

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 1  
**Alerts & Sounds** ▶ 1 **Ring alerts &  
Sounds** ▶ 6 **System sound** ▶ 1 **Key/  
touch sound** ▶ 5 **OFF**



# Display settings

## Image/i-appli

You can change the default stand-by display.

<Example> Setting an image

1 **MENU** ▶ 8 **Settings & NW services** ▶ 2

**Display** ▶ 1 **Stand-by display** ▶ 1

**Image/i-appli** ▶ 1 **Vertical position** or

2 **Horizontal position** ▶ 1 **Set image**

When Kisekai Tool is set, select "Yes" on the confirmation screen for canceling.

2 **Select a folder** ▶ **Select an image** ▶  
"Yes"

## Display light time

You can set the duration, for which the display light is turned on.

<Example> Setting "Normal use"

1 **MENU** ▶ 8 **Settings & NW services** ▶ 2

**Display** ▶ 4 **Display & Key light** ▶ 1

**Display light time**

2 1 **Normal use** ▶ **Select a duration**

## Select startup menu

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

1 **MENU** ▶ 8 **Settings & NW services** ▶ 2

**Display** ▶ 2 **Menu preference** ▶ 1

**Select startup menu** ▶ 1 **Kisekai menu**

- 3 **Shortcut menu**

## Font size

<Example> Changing font size collectively

1 **MENU** ▶ 8 **Settings & NW services** ▶ 2

**Display** ▶ 6 **Font & Language** ▶ 1 **Font**

**size** ▶ 1 **All** ▶ 1 **Smallest** - 7 **Largest**

### Point

- When you change the font size at once but the items do not support the font size that is selected in All, the closest font size is set.

## Display Machi-chara

You can set a character to be displayed on the stand-by display, menu screen, etc.

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 2 **Display** ▶ 7 **Display Machi-chara** ▶ **Set required items** ▶ "Set"

### Point

- Machi-chara does not appear when moving picture/i-motion or i-appli is set for the stand-by display.
- Some Machi-chara change its actions according to time, arrival information, call duration, etc.

## Sound/Screen Setting

## Kisekae Tool

You can set the stand-by display, menu, incoming/outgoing call screens, etc. at once with a predefined combination.

<Example> Setting preinstalled Kisekae Tool

- 1 **MENU** ▶ 5 **Data Box** ▶ 7 **Kisekae Tool** ▶ 2 **Preinstalled** ▶ **Touch a Kisekae Tool** ▶ "Set"

Move the cursor to a Kisekae Tool, and touch "View" to display details of the Kisekae Tool; touch "Select" to display the stand-by image and menu screen image enlarged.

- 2 "Yes"

## Sound/Screen Setting

## Light settings

## Indicator light

The light alerts you when missed calls or unread messages exist.

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

## Light alert

Set the lighting pattern and color for incoming call/mail or while talking.

<Example> Setting a light alert

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 2  
**Display** ▶ 5 **Light alert** ▶ 1 **Light alert**  
 ▶ **Set required items** ▶ "Set"

## Sound/Screen Setting

## eco mode

You can set each light to "OFF" or shorten the lighting time to save battery consumption.

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 2  
**Display** ▶ 8 **eco mode** ▶ 1 **eco mode**  
**ON/OFF**

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

## Point

- If you do not change the default Shortcut menu setting, press **T** for 1 second or more to switch eco mode to on/off.

## Sound/Screen Setting

You can set options for eco mode.

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

**Std. saving** : Settings of System sound (except shutter sound), illumination, Indicator light, backlight, etc. are changed to save the battery consumption.

**Full saving** : In addition to items in Std. saving, some functions such as motion sensor, Machi-chara, immobile sensor of Security lock, AUTO-GPS, Pedometer/ACT monitor, etc. are restricted to save the battery consumption.

# Security codes

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

## Terminal security code

(Default : 0000)

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

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 4 **Security & Locks** ▶ 6 **Change security code** ▶ **Authenticate**
- 2 **Enter a new terminal security code in New terminal security code field** ▶ **Enter the new terminal security code in New terminal security code-check field** ▶ **"Save"**

### Point

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

## Network security code

(At subscription : Set any code)

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

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

## i-mode password

(At subscription : 0000)

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

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

## PIN1/PIN2 code

(At subscription : 0000)

You can set 2 security codes to the UIM: PIN1 code and PIN2 code.

The PIN1 code is a security code to be used when installing the UIM or turning ON the FOMA terminal.

The PIN2 code is the security code to be used when requesting the issuance of a user certificate, resetting Total calls cost or resetting the total call costs.

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

- 1 **MENU** ▶ **8 Settings & NW services** ▶ **4 Security & Locks** ▶ **5 UIM** ▶ **1 Change PIN code** or **2 Change PIN2 code** ▶ **Authenticate**
- 2 **Enter a new terminal security code** ▶ **Enter the new terminal security code in New terminal security code-check field** ▶ **"Save"**

### Point

- To display the PIN1 code entry screen when turning power on, **MENU** ▶ **8** **4** **5** **3** **1**, and then set PIN1 code ON/OFF to "ON".
- Even if PIN2 code is locked by entering incorrect PIN2 code 3 times consecutively, making/receiving calls or sending/receiving mail is available; if PIN1 code is locked by entering incorrect PIN1 code 3 times consecutively, these operations are unavailable.

## PUK code

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

### Point

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

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

## Various lock functions

Use various lock functions for your purpose.

### All lock

Any operations other than answering calls, receiving messages and turning power ON/OFF are unavailable.

**Activate :** **MENU** ▶ **8** **4** **1** **3** ▶ Authenticate

**Deactivate :** With QWERTY key, enter the terminal security code ▶ "OK"

### Self mode

All functions requiring communication are unavailable.

**Activate/Deactivate :** While pressing **Fnd**, **◀** ▶  
"Yes"

### Personal data lock

Personal information such as phonebook entries, messages or schedules is not displayed.

**Activate/Deactivate :**

**MENU** ▶ **8** **4** **1** **4** ▶ Authenticate ▶ **1** or **2**

### Keypad dial lock

Calls can be made only by using phonebook.

**Activate/Deactivate :**

**MENU** ▶ **8** **4** **1** **6** ▶ Authenticate ▶ **1** or **2**

### Operation lock

The display turns off and the touch operation is locked. This function locks side keys (except

**◀**, **▶** and **CLR**).

**Activate/Deactivate :** **◀** (Other than key operation, activates at set time in Light time-out)

### Security lock

Touch operation or keypad operation is automatically locked when no operations are performed for the specified time after screen display turns off.

**Set :** **MENU** ▶ **8** **4** **1** **2** ▶ Authenticate ▶ Set required time ▶ "Set"

**Temporary deactivate :** When screen display turns off, **◀** ▶ Authenticate

### Touch lock

Touch lock is automatically activated when making a call or talking on the phone to prevent inadvertent touch operations.

**Activate/Deactivate :** On calling or talking screen, **◀** (1 sec. or more)

### IC card lock

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

**Activate/Deactivate :**

**MENU** ▶ **\*** **4** **1** ▶ Authenticate ▶ **1** or **2**

### Omakase Lock

The personal data of phonebook etc. or IC card function of Osaifu-Keitai is locked only by contacting DOCOMO in case FOMA terminal is misplaced etc.

#### ■ Setting/Canceling Omakase Lock

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

\* Unavailable from part of IP phones.

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

## Lock/Security

## Incoming call restriction

## Anonymous caller

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

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 5 **Call & Answer** ▶ 2 **Anonymous caller** ▶ **Authenticate** ▶ 1 **Anonymous** - 3 **Unavailable** ▶ **Set required items** ▶ **"Set"**

**Point**

- The reasons for hiding caller ID are as follows:

**Anonymous** : A call with hiding caller ID set

**Payphone** : A call from public payphone, etc.

**Unavailable** : A call unavailable to notify caller ID such as an overseas call or call from land-line phone using call forwarding service, etc.

## Unregistered caller

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

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

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

## Lock/Security

## Reset to default

## Reset

You can restore functions in red characters on the menu list to the default settings. ⇒P100

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 7 **Clock & Other** ▶ 5 **Info & Reset** ▶ 4 **Reset** ▶ **Authenticate** ▶ **Select items to reset** ▶ **"Reset"** ▶ **"Yes"**

## Delete all data

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

- 1 **MENU** ▶ 8 **Settings & NW services** ▶ 7 **Clock & Other** ▶ 5 **Info & Reset** ▶ 5 **Delete all data** ▶ **Authenticate** ▶ **"Yes"**





All data is deleted while restarting. Do not turn power OFF until the stand-by display is re-displayed.

**Point**



- Even after all data is deleted, the data registered by default is not deleted.
- Among Osaifu-Keitai compatible i-appli, data of which is not saved to the IC card, "iD appli" is restored to the default by deleting all data, but the other appli are deleted.
- i-appli other than Osaifu-Keitai compatible i-appli are restored to the default by deleting all data, however, upgraded i-appli is deleted.

# Making a call/videophone call

## Entering a phone number

- 1   Enter a phone number including area code (up to 80 digits)  (Voice call) or "VP Call"
- 2 When ending the call, 

## Using phonebook

- 1   Search phonebook  
The phonebook list of the Show all names is displayed by default.
- 2 Touch the party  Call" (Voice call) or "VP Call"  
To create an i-mode mail, touch a party, and then touch "✉ write".

## Using redial/received calls

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

- 1   (Redial) or  (Received calls)  Touch a party  Call" (Voice call) or "VP Call"

### Point

- DOCOMO videophone specifications conform to "3G-324M, an international standard prepared by 3GPP". The connection with the videophones of different specifications cannot be established.
- You can make calls using logs of mails, etc. if phone numbers are saved in phonebook.




## International calls

You can make international calls from Japan using WORLD CALL.

### ✦ WORLD CALL

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

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

- 1   Enter "010-phone number without the leading 0 of Country code (City code)"  (Voice call) or "VP Call"


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



### Receiving a call/videophone call


#### 1 An incoming call

You are notified of an incoming call with ring alert, light alert, the display, etc.


Adjusting the alert volume : Touch the display  
▶  ▶ Slide up or down on the volume panel

Stopping ring alert sounding or vibration :





On-hold : 

#### 2 "Call" or "VP Call"

Touch lock is automatically activated to avoid erroneous operation during a call. To unlock, press  for 1 second or more.

#### 3 When ending the call,

#### Point

- When you cannot answer an incoming call,  2 (the digit indicates the number of missed calls) appears on the stand-by display. The incoming calls are recorded as missed calls in Received calls.
- When you receive a call during operation lock, slide  to the right and touch "Call" or "Videophone".

### Operation during a call

You can use useful functions during a call.

#### On hold

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

#### 1 During a call, "OnHold"

#### Point

Canceling the voice call on hold : "Cancel"

Canceling the videophone call on hold (send the image before on hold) : "Cancel"

Canceling hold for videophone call (send the camera image) : "Camera"

Canceling hold for videophone call (send the substitute image) : "Image"

#### Listening volume

You can adjust listening volume during a call.

#### 1 During a call, touch the display ▶ ▶ Slide up or down on the volume panel

#### Point

- This setting applies to Listen volume in Adjust volume.

# When you cannot answer a call

## Record message

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

- 1 ► 4 **Phonebook & Logs** ► 7 **Record msg.&Voice memo** ► 1 **Record message** ► 1 **ON**
- appears on the stand-by display.

### Point

- You can record up to 4 voice/videophone calls in total, approximately 30 seconds for each call. When reaching the savable number, appears on the stand-by display and Record message does not work. Delete unnecessary recorded messages.
  - Even when Record message is not set to "ON", you can activate it only once by pressing for 1 second or more while receiving a call.
  - Even when the greeting message is being played or a message is being recorded, a call can be answered by pressing . However, the message before the call was answered is not recorded.
- Playing recorded message :** ► 4 ► 7 ► 2 ► Select memo ► Select whether to delete

## Public mode

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

### Public mode (Drive mode)

When there is an incoming call, an announcement is played to inform the other party of the reason you cannot answer the call and request to call back before the call is disconnected.

- 1 **On the stand-by display,** (1 sec. or more)
- appears on the stand-by display.

### Point

- In Public mode (Drive mode), no receiving action is performed, and calls are recorded as Missed call.
- Canceling :** On the stand-by display, (1 sec. or more)

### Public mode (Power OFF)

When there is an incoming call while you are turning power off, an announcement is played to inform the other party of the reason you cannot answer the call and request to call back before the call is disconnected.

- 1 ► 123 ► Enter "\*25251" ►
- Even when Public mode (Power OFF) is set, no indicators such as icons appear on the display.

### Point

- Canceling :** ► 123 ► Enter "\*25250" ►
- Checking the settings :** ► 123 ► Enter "\*25259" ►

# Network Services


Service	Application	Monthly charge
Voice Mail service	Required	Charged
Turned Off or Out of Range Notification Call Service	Not required	Free
Call Waiting Service	Required	Charged
Call Forwarding Service	Required	Free
Nuisance Call Blocking Service	Not required	Free
Caller ID Notification Service	Not required	Free
Caller ID Request Service	Not required	Free
Dual Network Service	Required	Charged
English guidance	Not required	Free
Multi Number	Required	Charged
2in1	Required	Charged
OFFICEED	Required	Charged
Public mode (Drive mode)	Not required	Free
Public mode (Power OFF)	Not required	Free
Melody Call	Required	Charged

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

## Setting network service

Service	Operating procedure
Voice Mail service	<b>MENU</b> ▶ <b>[8] Settings &amp; NW services</b> ▶ <b>[8] NW Services</b> ▶ <b>[1] Voice Mail</b> ▶ <b>[1] Voice Mail service</b> ▶ Perform the next operation <b>Activate</b> : <b>[1]</b> ▶ "Yes" ▶ "Yes" ▶ Enter ring time <b>Deactivate</b> : <b>[3]</b> ▶ "Yes" <b>Play messages</b> : <b>[5]</b> ▶ <b>[1] or [2]</b> ▶ "Yes" ▶ Follow the guidance to operate
Call Waiting	<b>MENU</b> ▶ <b>[8] Settings &amp; NW services</b> ▶ <b>[8] NW Services</b> ▶ <b>[2] Call waiting/forward</b> ▶ <b>[1] Call waiting</b> ▶ Perform the next operation <b>Activate</b> : <b>[1]</b> ▶ "Yes" <b>Deactivate</b> : <b>[2]</b> ▶ "Yes"
Call Forwarding Service	<b>MENU</b> ▶ <b>[8] Settings &amp; NW services</b> ▶ <b>[8] NW Services</b> ▶ <b>[2] Call waiting/forward</b> ▶ <b>[2] Call forwarding</b> ▶ Perform the next operation <b>Activate</b> : <b>[1]</b> ▶ "Yes" ▶ "Yes" ▶ Enter a phone number ▶ "OK" ▶ "Yes" ▶ Enter ring time <b>Deactivate</b> : <b>[2]</b> ▶ "Yes"

### Point

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

## Emergency call

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

<b>Police</b>	110
<b>Fire and ambulance</b>	119
<b>Marine emergencies</b>	118

- This FOMA terminal is applicable to "Emergency Location Report". When making an emergency call to 110, 119, 118, etc., information of your location (location information) is automatically informed to an emergency call receiving organization such as police. For some locations and/or wave reception conditions, the emergency call receiving organization cannot recognize the correct location.

When the caller ID is hidden for the call, i.e., by appending "184" to the dialed number, none of location information or your phone number is notified; however, the organization may acquire the location information and phone number regardless of your settings, if they have determined that such information is necessary for the protection of life etc. The area and timing of implementing "Emergency Location Report" vary by the preparatory state of respective emergency call receiving organizations.

- When calling to 110, 119 or 118 from FOMA terminal, inform them that you are calling from a mobile phone and give your phone number and your current location precisely since the police or fire department has to call you back for confirmation. To make sure that you are not cut off during the call, do not move when making the call and do not turn OFF the phone after the call, but keep it on for about 10 minutes.
- For some areas you are calling from, you are not connected to the local police or fire department.
- When Auto redial as voice of Operation is set to "ON", videophone call to 110, 119 or 118 from the FOMA terminal changes automatically to voice call.

## Overseas use

You can use phone call or i-mode overseas.

### ✦ International roaming (WORLD WING)

International roaming (WORLD WING) is a service that allows you to make voice calls and access i-mode using network of telecommunications carriers affiliated with DOCOMO overseas.

Before using this service, check its subscription status. For details, contact the numbers for "General Inquiries" on the last page of this manual.

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

### Available services overseas

Communication services	3G	GSM/ GPRS	GSM
Voice call <sup>*1</sup>	○	○	○
Videophone call <sup>*1</sup>	○	×	×
i-mode <sup>*2</sup>	○	○	×
i-mode mail	○	○	×
SMS <sup>*3</sup>	○	○	○
i-Channel <sup>*2, 4</sup>	○	○	×
i-concier <sup>*5</sup>	○	○	×
i-Widget <sup>*6</sup>	○	○	×
Position location of GPS <sup>*7</sup>	○	○	×
Packet communication (PC connection)	○	○	×

<sup>\*1</sup> When using 2in1, making a call in B number is unavailable.

When using Multi number, making a call with appending number.

<sup>\*2</sup> International settings of i-mode are required.

<sup>\*3</sup> When you send SMS to FOMA terminal, enter the party's phone number as well as in Japan.




<sup>\*4</sup> International settings of i-Channel are required. Packet communication fee is also charged for auto update for Basic channel (included in i-Channel usage fee in Japan).

<sup>\*5</sup> International Settings of i-concier is required. Packet communication fee is charged each time you receive information.





- \*6 i-Widget roaming set is required. When multiple Widget Appli communicate, a packet communication fee is charged per one communication.
- \*7 No fee is charged for GPS positioning. However, when displaying a map using location information etc. a packet communication fee is charged.

## Making a call from overseas





### Making a call outside the country you stay

- 1    Enter "Country code ("81" for Japan) - phone number without the leading 0 of Area code (City code)"  (Voice call) or "VP Call"
- In some countries and areas such as Italy, "0" is required.

### Making a call inside the country you stay

- 1   Enter a phone number  (Voice call) or "VP Call"  "No, use original"
- The call may be made with no message displayed.

## Making a call to WORLD WING user overseas

- 1    Enter "81 - mobile phone number without the leading 0"  (Voice call) or "VP Call"

### Point

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

## Receiving a call inside the country you stay

- 1 A call is received  "Call" or "VP Call"

### Point

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

## Setting after returning to Japan


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

# Sending i-mode mail/Sending SMS

## Sending i-mode mail

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

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

**1**  **2** **Compose message** ▶ **"OK"**  
If you select "OK(Confirm once)" instead of "OK", the confirmation screen does not appear from then on.

**2** **Enter an address, title and text** ▶ **"Send"**  
When sending is completed correctly, the mail is automatically saved in a folder of Outbox.

### Point

**Adding addresses (Add address)** : On the mail creation screen, touch the receiver field ▶ "Add address"

## Attachments

You can attach up to 10 files (images, moving picture files/i-motion, etc.) of up to 2 Mbytes in total to a mail.

**1** **On the mail creation screen, select the attachment field** ▶ **Select a file to attach**  
▶ **Edit a mail** ▶ **"Send"**

### Point

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

**Removing attachment** : Move the cursor to the attachment ▶ "Remove attachment" ▶ "Yes"

## Sending SMS

If you do not know the receiver's mail address, you can send a text message by enter his/her phone number as the address.

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

**1**  **7 SMS/Area Mail** ▶ **1 SMS** ▶  
**1** **Compose SMS**

**2** **Enter an address and text** ▶ **"Send"**

### Point

- When there is an incoming SMS, FOMA terminal operates in the same way as an incoming i-mode mail. ⇒ P47










## Deco-mail/Decome-Anime

## Deco-mail

You can change a font size or background color, or insert still images, Deco-mail picture or Deco-mail pict. To decorate characters, specify decoration and then enter characters, or vice versa.

**<Example> Specifying decoration before entering characters**

- 1 On the mail creation screen, select the text field ▶ "Deco." ▶ Select a decoration icon ▶ Decorate

	Insert image		Change a font color
	Change a font size		Change a background color
	Blink		Ticker
	Swing		Word alignment
	Insert line		

- 2 Edit a mail ▶ "Send"

**Point**

- On the message entry screen, touch "MENU" ▶ 0 to preview the decoration result. The bytes of the remaining data amount you can enter is displayed in the lower-right corner of the preview screen. To return to the previous screen, touch "Back".

## Decome-Anime

You can create expressive mails using Flash graphics with messages or images inserted.

- 1  ▶ 3 **Compose Decome-Anime**
- 2 **Select Decome-Anime message text field ▶ Touch a template**  
To preview, touch "Display".



<Decome-Anime-Template list screen>

- 3 "Load"
- 4 **Edit the text or image**  
**Changing a template :** "MENU" ▶ 1 Decome-Anime ▶ "Yes" ▶ Touch a template ▶ "Load"
- 5 **"Complete" ▶ Edit a mail ▶ "Send"**

**Point**

- To preview, load the template, touch the Decome-Anime text field or the Decome-Anime message text field, and then touch "Preview". To return to the previous screen, touch "Back".

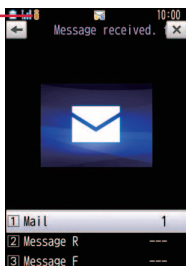


## Receiving i-mode mail

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

### 1 Receive an i-mode mail

Blinking



<Completion of mail reception screen>

### 2 1 Mail ▶ Select a mail

When you receive two or more mails at the same time, or mails are sorted in the folders for Message i-appli, the folder list appears.

#### Point

Checking a mail in the mailbox : [Envelope icon] ▶ 1 or 4 or 5

▶ Select a folder ▶ Select a mail

## Replying to mails

### 1 On the received mail list screen, touch a mail ▶ "MENU" ▶ 1 Reply/Forward ▶

1 Reply-5 Vreply Decome-Anime

For a mail sent to multiple addresses, you can select addresses to reply.

For "Reply""Reply with quote" or "ViewRply", you can select message from Reply format screen.

When a confirmation screen appears, select "OK". If you select "OK(Confirm once)" instead of "OK", the confirmation screen does not appear from then on.

### 2 Edit a mail ▶ "Send"

## Checking new messages

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

### 1 [Envelope icon] ▶ 6 Check new message

## Auto-sort method

Sent/Received mails can be sorted by rules you set.

### 1 [Envelope icon] ▶ 9 Mail settings ▶ 2 Sort method ▶ 1 Auto-sort ON/OFF ▶ Set each option to "ON" ▶ "Set"


### 2 2 Inbox sort or 3 Outbox sort ▶ "Add" ▶ Set sort method ▶ Select a destination folder to sort ▶ Select a priority

## Mail

## Early warning "Area Mail"

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

## Receiving Area Mail

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

## Point

- Area mail cannot be received during a call or when Omakase Lock is activated.

## Receive setting

You can set if you receive Area Mail.

- 1**  **▶** **7** SMS/Area Mail **▶** **2** Early warning "Area Mail" setting **▶** **1** Receive setting **▶** Read the notice **▶** Select the option field **▶** **1** YES **or** **2** NO **▶** "Set"




## Phonebook

## Phonebook new entry

There are two types of phonebook: FOMA terminal phonebook and UIM phonebook. Saving to the FOMA terminal phonebook is explained here.

- 1** **MENU** **▶** **4** Phonebook & Logs **▶** **2** Phonebook new entry **▶** Enter a name **▶** Set required items **▶** "Save"

## Adding Phonebook entries from redial/received call



- 1**  **▶**  (Redial) **or**  (Received calls) **▶** Touch a party **▶** "MENU" **▶** **4** Add **▶** **1** Add to phonebook **or** **2** Update phonebook **▶** **1** In phone memory **or** **2** In UIM



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

- 2** Set required items **▶** "Save"

## Point

Searching a phonebook entry : **MENU** **▶** **4** **1** **▶** Specify a search method

Editing a phonebook entry :  **▶**  **▶** Search the phonebook **▶** Touch a phonebook entry **▶** "MENU" **▶** **3** **1** **▶** Set required items **▶** "Save" **▶** "Overwrite" **or** "New entry"

Deleting a phonebook entry :  **▶**  **▶** Search the phonebook **▶** Touch a phonebook entry **▶** "MENU" **▶** **4** **▶** **1** **or** **2** ( **▶** for All contacts, authenticate) **▶** "Yes"

Saving UIM phonebook entries : **MENU** **▶** **4** **4** **▶** Enter a name **▶** Set required items **▶** "Save"

## Displaying i-mode site/website

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


- i-mode is a charged service requiring subscription.
- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".
- The contents of sites and Internet websites are generally protected by copyright laws. All or any portion of text, image or other data imported to an i-mode compatible terminal from a site or website cannot be altered except for personal use, and cannot be sold or redistributed in any form without the express permission of the copyright holder.
  - When you attach a UIM except yours or turn ON the FOMA terminal without UIM, still images/i-motion/melodies downloaded from sites, attached files sent/received by mail, screen memos and MessageR/F for some models cannot be displayed or played.
  - When data with UIM operation restriction is set for the stand-by display or ring alert, replacing UIM with another one or turning the power ON with no UIM installed changes the settings back to the default.
  - i-mode and Full Browser have different charging systems. It is recommended that you subscribe to i-mode packet flat-rate service because a high packet communication fee is required to use Full Browser according to data communication volume.

### Displaying i-mode site

#### 1 ► "OK"

If you select "OK(Confirm once)" instead of "OK", the confirmation screen does not appear from then on.

#### 2 Select an item to view

During i-mode communication,  blinks at the top of the display. To display English iMENU, scroll down the screen and select "English".





### Displaying web pages designed for PC

#### 1 ► 2 i-mode ► \* Full Browser Home

### Switching browsers

**Switching i-mode to Full Browser :** While a site is displayed, "MENU" ►  

**Switching Full Browser to i-mode :** While a website is displayed, "MENU" ►  

## Viewing and operating screen





In sites and websites, as with Internet websites on your PC, you can enter characters, jump to the linked page, select radio buttons or check boxes.



<Browser screen>

**Scrolling** : Slide up, down, left or right


- For i-mode, sliding left or right displays the view history.

**Moving cursor/pointer (for i-mode)** : , , , 

**Changing pages** : "Back"/"Next"






**Displaying View history** : "MENU2"  5




- Moving page of history : Slide left or right
- Switching tabs : Slide up or down

**Closing a tab/Ending a browser** :  "Yes"

## Bookmark




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

**Saving** : While a site or website is displayed, "MENU"  1  2  Enter a title (up to 12 two-byte (24 one-byte) characters)  "Save"  Select a folder where the bookmark is added

**Displaying** :   2  2  Select a folder  Select a bookmark

## Screen memo

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

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

**Displaying** :   2  3  Select a screen memo

### Point

- If the site or website disapproves of saving screen memos etc, the screen memo may not be saved.

# Using i-Channel

● ● ●  
i-Channel is a service that news, weather information, etc. is distributed to the i-Channel compatible terminal (in Japanese only). The auto-received information appears in the ticker on the stand-by display.

## ● Basic Channel

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


## ● Okonomi (Favorite) Channel

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

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

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

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

- 1 On the character entry screen,  Select a channel**  
The site is connected and the detail information appears.

## Point

- When the detail information of i-Channel is displayed, the same operations as the ones when i-mode sites or websites are available. ⇒ P50

# Using Map/GPS function

- This function is unavailable as a navigation device for aircraft, vehicles or persons or as high-precision location surveying GPS. DOCOMO is not liable to any purely economic damages including troubles, if any, caused by missing opportunities of viewing positioning results or making communications due to failures or malfunctions of the FOMA terminal or external events such as power interruption (including battery exhaustion) in using the FOMA terminal for purposes including but not limited to the above.
- Because GPS is managed by U.S. Department of Defense, GPS wave conditions may be controlled (accuracy degraded or wave stopped) for security reasons of the U.S. And, wave conditions differ by satellite locations; therefore, positioning operations in the same location under the same environmental conditions may not yield the same result.
- Because GPS uses waves transmitted from satellites, margin of error in location information may be 300 m or more in a place where waves cannot be received or are difficult to be received.
- When using Location request and Notify location functions, check instructions and precautions given in website of GPS service providers and NTT DOCOMO. And, you may be charged for using these functions.
- The GPS function except Position location is unavailable out of service area.

## Map

You can start GPS compatible i-appli to display maps.

1 **MENU** ▶ 6 **LifeKit** ▶ 7 **Map/GPS** ▶ 1 **Map**

### Point


- i-appli set in Select map in Map setting starts. "地図アプリ (Map Application)" is set by default.

## Position location

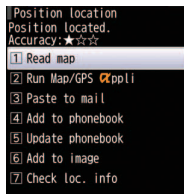
You can check where you are. No packet communication fee applies for positioning of Position location, but a packet communication fee is required separately with map displayed using location information.

1 **MENU** ▶ 6 **LifeKit**  
▶ 7 **Map/GPS** ▶ 6 **Position**

### location

When positioning is in progress,  blinks. When positioning is completed, the position location menu appears.

From the menu, you can select options to read map, use GPS compatible i-appli, display the mail creation screen on which location information is pasted, add to phonebook, etc.



<Location information  
usage menu>

# AUTO-GPS



Your current location is automatically sent to service providers on a regular basis (approximately once in every 5 minutes), which allows you to services that deliver information about the weather or shops around where you are, or sightseeing information. (In Japanese only)

- Set an AUTO-GPS compatible service from its AUTO-GPS compatible i-appli.
- When using the AUTO-GPS function, check instructions and precautions given in website of GPS service providers and NTT DOCOMO. And, you may be charged for using these services.
- Note that more power is consumed in FOMA terminal due to a regular communication depending on your usage.
- You can set "Low battery setting" to deactivate the AUTO-GPS function to save the battery consumption when the battery level gets low.

## AUTO-GPS setting

You can set whether to use the AUTO-GPS function.

- 1 **MENU** ▶ 6 **LifeKit** ▶ 7 **Map/GPS** ▶  
 0 **AUTO-GPS** ▶ 2 **AUTO-GPS setting**  
 ▶ 1 **ON** or 2 **OFF**

## DOCOMO service set

To use AUTO-GPS service linked with i-concier or services provided by DOCOMO, set whether to send your location information to DOCOMO on a regular basis. A separate subscription is required to use the service.

- 1 **MENU** ▶ 6 **LifeKit** ▶ 7 **Map/GPS** ▶  
 0 **AUTO-GPS** ▶ 1 **DOCOMO service**  
 set ▶ "ON" or "OFF" ▶ "OK" or "Yes"

## Setup service list

This function display a list of the names of i-appli (the service name), to which AUTO-GPS service information is set, and its status.

- 1 **MENU** ▶ 6 **LifeKit** ▶ 7 **Map/GPS** ▶ 0  
**AUTO-GPS** ▶ 3 **Setup service list**  
**Canceling the service (including the AUTO-GPS function)**: Touch a name of i-appli (the service name) ▶ "MENU" ▶ 1 **Cancel** ▶ 1  
 One item - 3 **All items** ▶ "Yes"

# Shooting still images/moving pictures

## Viewing shooting screen



<Still image shooting screen>



<Moving picture shooting screen>

<p>① Auto optimized shooting mode icon</p> <ul style="list-style-type: none"> <li>To fix the currently detected scene, touch the icon.</li> </ul>	<p>② Zoom ratio</p> <ul style="list-style-type: none"> <li>Slide on the screen to display the zooming adjustment panel to zoom in/out.</li> </ul>
<p>③</p> <ul style="list-style-type: none"> <li> : Save to</li> <li> : Recording</li> <li>Type</li> <li> : Light</li> <li> : Macro</li> <li>shooting</li> <li> : Auto timer</li> <li> : Face detection/</li> <li>Smile finder</li> <li> : Compatible mode</li> <li>Indicator, Counter</li> </ul>	<p>④</p> <ul style="list-style-type: none"> <li> : Scene mode/ effect</li> <li> : Brightness</li> <li> : White balance</li> <li> : Frame</li> <li> : Shake reduce</li> <li> : Skew correction</li> <li> : Continuous/ Panorama</li> <li> : Image quality</li> <li> : Size</li> <li>restrictions</li> <li> : Image size</li> </ul>

## Shooting still images

- ① (1 sec. or more)
- ② Point the camera at an object, "Shoot"  
or
- ③ "Save" or



## Shooting moving pictures


1 **MENU** ▶ 6 **LifeKit** ▶ 4 **Camera** ▶ 2

**Movie camera**


2 **Point the camera at an object, "Shoot"**

or 

3 **To stop shooting, "Stop"** or 

4 **"Save"** or 

### Point

- If battery power is exhausted on confirmation screen of shot still image, the image is saved automatically.
- If FOMA terminal is left in a warm place or exposed to direct sunlight for a long time, shooting images may be deteriorated.
- If no operations are performed for approximately 3 minutes during shooting stand-by, the camera ends.
- You can also shoot still images/moving pictures by opening the FOMA terminal and pressing .

**Switching still image/moving picture :** On the still image shooting screen, [MENU] ▶ "MENU" ▶ 0 ▶ 1 or on the movie shooting screen, "MENU" ▶ 8 ▶ 1

## Viewing still images

1 **MENU** ▶ 5 **Data Box** ▶ 1 **My Picture** ▶


1 **Camera** ▶ **Select an image**

## Playing moving pictures

1 **MENU** ▶ 5 **Data Box** ▶ 4 **i-motion/ Movie** ▶ 2 **Camera** ▶ **Select a moving picture**

### Point

- You can set a taken still image/moving picture to the stand-by display or add to the phonebook.

**Creating a mail with attachment :** On the list screen, touch an image ▶  **write**"

## Shooting in various procedures

On the still image shooting screen, you can switch shooting procedures from the submenu.

Major shooting procedures are as follows.

Shooting procedure	Effects and procedures
<b>Scene mode/effect</b>	The camera detects a subject, switches to the optimized scene and then focus the subject (Auto optimized shooting mode). <b>Setting Scene mode/effect :</b> [MENU] ▶ "MENU" ▶ 1 ▶ Select required items
<b>Smile finder</b>	When a SmileRate of shooting subjects reaches specified rate, a still image is shot. <b>Setting SmileRate :</b> [MENU] ▶ "MENU" ▶ 3 ▶ 2 ▶ Select SmileRate
<b>Auto timer</b>	Use this function for not only shooting yourself but also preventing hand shake. <b>Setting the remaining time in seconds before shutter clicks :</b> [MENU] ▶ "MENU" ▶ 5 ▶ Select seconds
<b>Continuous/ 4 frames/ Panorama shooting</b>	You can specify the number of frames for continuous and 4 frames shooting, and shoot a panorama view using the camera's auto-connecting technology. <b>Selecting a shooting procedure :</b> [MENU] ▶ "MENU" ▶ 6 ▶ Select a shooting procedure

## Music&Video Channel

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

- Music&Video Channel is a charged service requiring subscription. Subscriptions to i-mode and i-mode packet flat-rate services are required for the service.
- Information fee may be required additionally for some programs besides Music&Video Channel service fee.
- If UIM is used on a Music&Video Channel incompatible FOMA terminal after subscribing to Music&Video Channel, Music&Video Channel cannot be used. Note that the service fee is charged unless Music&Video Channel is unsubscribed.
- Program setting and downloading are unavailable during international roaming\*. Stop distribution of programs before leaving Japan. When you return to Japan, resume distribution of programs.
- \* Note that attempting program setting or downloading during international roaming requires packet communication fee for i-mode connection.
- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

### Setting programs

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

- 1** **MENU** ▶ **9** **MUSIC** ▶ **2** **Music&Video Channel** ▶ **"Set program"** ▶ **Set a program according to instructions on the screen**

### Playing a program

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

The following operations are available on the player screen.

**Pausing/Playing** : "PAUSE/PLAY"

**Adjusting the volume** : Slide up or down

**Rewinding/Fast forwarding** : Slide left or right and hold the finger at the end of the screen (returns to normal playback if you release the finger).

**Jumping to the beginning of chapter** : After a lapse of 3 seconds in play time, slide left quickly

**Jumping to the previous chapter** : Within 3 seconds in play time, slide left quickly

**Next chapter** : Slide right quickly

# MUSIC Player





You can play Chaku-uta full downloaded from a site and Windows Media<sup>®</sup> Audio (WMA) files imported from music CDs, the Internet, etc. to a PC. For details of MUSIC Player, refer to NTT DOCOMO website. For Windows Media Player, contact the manufacturer of your PC.

## Downloading Chaku-uta full

- 1 **Display a site ▶ Select Chaku-uta full ▶ "Save" ▶  Save" or "SD Save"**

## Saving WMA file on a PC to microSD

For connection to a PC, the included USB Cable F01 is required.

- 1 **MENU ▶  LifeKit ▶  Ir/iC/PC connection ▶  USB mode settings ▶  MTP mode ▶ "Yes"**
- 2 **With Windows Media Player activated, connect the FOMA terminal to a PC using the included USB cable F01 ▶ Send WMA file from the PC**

## Playing music data

- 1 **MENU ▶  MUSIC ▶  MUSIC Player ▶**

**Select a folder or playlist ▶ Select the music data**

The following operations are available on the player screen.

**Pausing/Playing :** "PAUSE/PLAY" or 


**Adjusting the volume :** Slide up or down

**Rewinding/Fast forwarding :** Slide left or right and hold the finger at the end of the screen (returns to normal playback if you release the finger).

**Jumping to the beginning of song :** After a lapse of 3 seconds in play time, slide left quickly

**Jumping to the previous song :** Within 3 seconds in play time, slide left quickly

**Next song :** Slide right quickly

**Adding to Quick playlist :** Double-touch the display or  (quickly twice)

**Stopping :**  (1 sec. or more)

### Point

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

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

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

- A packet communication fee may be separately required for usage.
  - When downloading or displaying i-Widget screen, etc. a packet communication fee may be separately charged.
  - When i-Widget screen is displayed, multiple Widget Appli may communicate.
  - A packet communication fee for overseas use differs from the one in Japan.
  - If you delete stored i-appli, you can download the software from "@Fケータイ応援団 (@F mobile phone supporters)" site.
- "@Fケータイ応援団 (@F mobile phone supporters)" (as of June, 2011)



QR code for site access

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

- \* The access method may be changed without previous notice.

## Downloading

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

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

## Starting i-appli

- 1 **MENU** ▶ 3 i-appli ▶ 1 Software list ▶ Select a folder ▶ Select i-appli

### Point

Starting Osaifu-Keitai compatible i-appli :

**MENU** ▶ \* 1 ▶ Select i-appli

Starting GPS compatible i-appli :

**MENU** ▶ 6 7 5 ▶ Select i-appli

## Start i-Widget

- 1 Touch the stand-by display ▶ From "機能 (Function)", "iウィジェット (i-Widget)" ▶ Select Widget Appli

# Playing i-motion/movie

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

## ❖ Playable i-motion

Type	Playing action
Standard type (can be saved*)	<p>While the i-motion data is downloaded, it is played.</p> <ul style="list-style-type: none"> <li>The downloaded i-motion can be operated in the same way as the i-motion which is played after entire data is downloaded.</li> </ul> <p>After the entire i-motion data is downloaded, it is played.</p>
Streaming type (cannot be saved)	<p>While the i-motion data is downloaded, it is played.</p> <ul style="list-style-type: none"> <li>After the i-motion data is played, it is deleted.</li> </ul>

\* Some i-motion cannot be saved.

## ❖ Playing movies

Type	Distribution method	Playing action
Streaming type (cannot be saved)	Real-time distribution	<p>The movie is distributed in real time.</p> <ul style="list-style-type: none"> <li>Pausing/Resuming play/Moving play position are unavailable.</li> </ul>
	On-demand distribution	Distribute movies that are prepared in advance.

## Downloading i-motion/movies

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

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

#### Point

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

## Playing moving picture/i-motion

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

The following operations are available during playback.

**Adjusting the volume** : Touch to display the volume bar and slide up or down the bar

**Rewinding/Fast forwarding** : Slide left or right

**Pausing** : "PAUSE"

**Playing/Playing from the beginning (while stopping)** : "PLAY"

**Setting a bookmark** : "Bookmark" ▶ "Yes"

**Stopping** : "STOP"

# Using Osaifu-Keitai



## ● Osaifu-Keitai

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

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

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


## ● ToruCa

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




## Steps for using Osaifu-Keitai

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

- 1 Download Osaifu-Keitai compatible i-appli as necessary**
- 2 Start Osaifu-Keitai compatible i-appli and make the initial settings of the service**
- 3 Hold  mark of the FOMA terminal over IC card reader**  
In this case, you do not need to activate Osaifu-Keitai compatible i-appli.

## Point

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

# Using i-concier

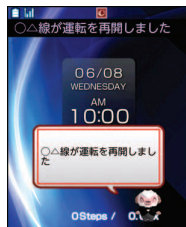
i-concier is a service that Machi-chara (a character on the stand-by display) supports your life like a butler or concierge. It stores a variety of your information (area information of your residence, schedule, ToruCa, phonebook, bookmarks, etc.) and offers you information that suits your preferences of your living area and hobby in the right time. Also, it can automatically update schedules and ToruCa stored in FOMA terminal, etc., and automatically add useful information such as shop hours to the phonebook. (In Japanese only)

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

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

## Receiving information and displaying details

Information is sent automatically. When information is received, the following screen appears.



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

<Information reception screen>

### 1 MENU ► # i-concier ► Select a piece of information

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

## Convenient tools

### Scheduler

You can manage schedules with FOMA terminal.

#### Saving schedule

- 1 **MENU** ▶ **7** Accessory ▶ **1** Scheduler ▶ "MENU" ▶ **1** New entry
- 2 Slide left or right to switch Main (New) screen, Sched. contact screen, Reminder screen, or Other settings screen, and then set required items ▶ "Save"

#### Point

**Saving quickly from the stand-by display (Quick schedule)** : On the stand-by display, enter date with keys (for 10:00 on June 8, enter "06081000") ▶ ▶ Save the schedule

#### Checking a schedule

- 1 **MENU** ▶ **7** Accessory ▶ **1** Scheduler ▶ Select the date to save the schedule ▶ Select the schedule

## Convenient tools

### Alarm clock

Alarm clock sounds at a specified time.

- 1 **MENU** ▶ **7** Accessory ▶ **3** Alarm clock ▶ Select a number
- 2 Slide left or right to switch Set alarm screen, Set sound screen, or Other settings screen, and then set required items ▶ "Save"

#### Point

- While sounding alarm clock, press to terminate. It stops or starts snooze with no operations for approximately 1 minute, by pressing a key other than , "Stop" or by touch operation.

## Convenient tools

### Bar code reader

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

- 1 **MENU** ▶ **6** LifeKit ▶ **1** Bar code reader ▶ Move the out-camera over a bar code
- When scanning is completed, a confirmation sound is heard and the scanned data appears.

#### Point

- Press to switch to Macro OFF before scanning large size codes. The readability of code may be raised by pressing to set zoom to OFF.



## Bluetooth function

You can establish a wireless connection between FOMA terminal and a Bluetooth device. For operations of the Bluetooth device, refer to the operation manual of your Bluetooth device.

\* Wireless communication is not guaranteed for all Bluetooth devices.

### ❖ Compatible version

Bluetooth standard Version 2.0+EDR

### ❖ Functions available with Bluetooth

- You can make a handsfree call by using a Bluetooth car navigation system (commercially available) etc. via Bluetooth connection. And, you can call wirelessly by connecting to a Bluetooth headset (commercially available).
- Playing sounds or music wirelessly or performing remote control via Bluetooth connection with Wireless Earphone Set 02 (optional) or a Bluetooth audio device (commercially available).

## Registering Bluetooth devices

Set a Bluetooth device to registration stand-by mode in advance.

**1** **MENU** ▶ **6 LifeKit** ▶ **9 Bluetooth** ▶ **3**

**Register new devices ▶ "OK"**

After Bluetooth device is searched, the registered device list screen appears.

## **2** **Select a Bluetooth device to register ▶ Enter the Bluetooth passkey**

The profile selection screen appears. To connect the Bluetooth device, go to Step 2 in "Connecting with registered Bluetooth devices".

### Point

- For details of Bluetooth passkey, refer to the operation manual for the Bluetooth device. To connect FOMA terminals with each other, enter the same Bluetooth passkey on those terminals (determine any 4-16 digit numbers as Bluetooth passkey). Bluetooth passkey is not required to register Wireless Earphone Set 02.

## Connecting with registered Bluetooth devices

**1** **MENU** ▶ **6 LifeKit** ▶ **9 Bluetooth** ▶ **2**

**Device list ▶ Select Bluetooth device to connect**

The service selection screen appears.

**2** **Select a profile to connect ▶ "Connect"**

# Using microSD card

You can save still images, moving pictures, melodies, etc. or back up the phonebook entries or schedule data to microSD card.

- F-07C supports microSD card of up to 2 Gbytes, and microSDHC card of up to 32 Gbytes (as of June, 2011). For the latest operating information, refer to the following site.

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



QR code for site access

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

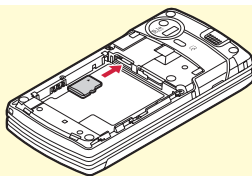
- \* The access method may be changed without previous notice.

### Notes on using microSD card

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

## Installing

- 1 Turn FOMA terminal OFF and remove the battery pack
- 2 Insert the microSD card slowly into the slot with metal connectors side down (as shown below), and insert it further until it clicks



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

## Formatting

Format microSD card with FOMA terminal before using.

- 1 MENU ▶ 6 LifeKit ▶ 3 microSD ▶ "Format" ▶ "Regular format" ▶ Authenticate ▶ "Yes"

### Point

- \* Formatting microSD card deletes the data in the card.

# Exchanging data between the FOMA terminal and microSD card

Save important data in FOMA terminal to microSD card.

## Moving/Copying to microSD card

<Example> Moving/Copying images

- 1 **MENU** ▶ **5 Data Box** ▶ **1 My Picture** ▶  
Select a folder
- 2 Touch the data ▶ "MENU" ▶ **5 Move/ Copy** ▶ **4 Move to microSD** or **5 Copy to microSD** ▶ Select a method to move/ copy ▶ "Yes"

### Point

- You cannot move or copy the data that is inhibited to output from FOMA terminal.

## Moving/Copying to FOMA terminal

<Example> Moving/Copying My Document

- 1 **MENU** ▶ **6 LifeKit** ▶ **3 microSD** ▶ **3 My Document** ▶ Select a folder
- 2 Touch the data ▶ "MENU" ▶ **3 Move/ Copy** ▶ **1 Move to phone** or **2 Copy to phone** ▶ Select a method to move/copy ▶ "Yes"

## Backing up at once

You can back up Phonebook, Schedule, mail, Notepad, Bookmark and setting item data all at once in microSD card. Data is overwritten for the second-time backup or later.

- 1 **MENU** ▶ **6 LifeKit** ▶ **3 microSD** ▶ **8 Backup/Restore** ▶ **1 Backup to microSD**

- 2 "Yes" ▶ **Authenticate**


When phonebook is not saved, omit Step 3.

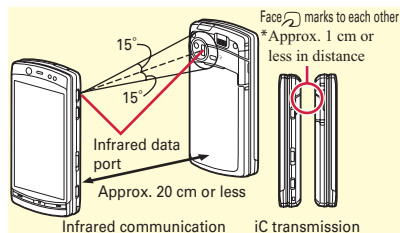
- 3 "Yes" or "No"

### Point




- Some restrictions apply, such as moving pictures saved in phonebook or the part of the attachment files in excess of 100 Kbytes are not backed up.
- Select "[2] Restore to phone" at the end of Step 1 to delete the latest data in FOMA terminal and overwrite save it.

## Infrared communication/iC transmission

You can send or receive data to/from FOMA terminal equipped with the function of infrared communication or iC transmission. Check the infrared data port or  mark of the other party and perform communication referring to the following illustration.

**Point**

- When sending/receiving all data items, the sender and receiver need to determine a 4-digit authentication password in advance. For infrared communications, the receiver's terminal must be ready for communications before the sender's terminal.
- When sending/receiving all data items, the data saved in the receiver is deleted, and the received data is saved. However, some data (data in "Preinstalled" folder, etc.) may not be deleted, or the saving locations, folder names or the orders of data may be different from those in the sender.
- While charging, sending data by iC transmission is unavailable.

To do	Operation
Sending an item via infrared communication/iC transmission <Example> A phonebook entry	Touch a phonebook entry to send ► "MENU" ► <b>8</b> ► <b>1</b> or <b>3</b> ► "Yes"
Sending all items via infrared communication/iC transmission	<b>MENU</b> ► <b>6</b> ► <b>2</b> ► <b>2</b> or <b>3</b> ► Select an item ► Authenticate ► Enter an authentication password ► "Yes"
Receiving an item via infrared communication	<b>MENU</b> ► <b>6</b> ► <b>2</b> ► <b>1</b> ► "Yes" ► Send data from a sender ► After receiving, "Yes"
Receiving an item via iC transmission	Send a data item from the sender ► Display the stand-by display on the receiver and place  marks close to each other ► Upon completion of reception, "Yes"
Receiving all items via infrared communication	<b>MENU</b> ► <b>6</b> ► <b>2</b> ► <b>1</b> ► <b>2</b> ► Authenticate ► Enter an authentication password ► "Yes" ► Send data from a sender ► After receiving, "Yes"
Receiving all items via iC transmission	Send data items from the sender ► Display the stand-by display on the receiver and place  marks close to each other ► Authenticate ► Enter an authentication password ► Place the  marks close to each other ► Upon completion of reception, "Yes"

# Connecting to a PC

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

- The included USB Cable F01 is required.
- You cannot send or receive data to or from the connected PC while booting Windows 7 or in sleep mode.
- To perform data transfer using data communication or DOCOMO keitai datalink, install FOMA communication configuration file (driver) on a PC. For details, refer to "Manual for PC Connection".

"FOMA communication configuration file" and "Manual for PC Connection" can be downloaded from NTT DOCOMO website.

<http://www.nttdocomo.co.jp/support/>  
(In Japanese only)

## USB mode

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

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

- 1** **MENU** ▶ **6** **LifeKit** ▶ **2** **Ir/iC/PC connection** ▶ **5** **USB mode settings** ▶  
**Select a mode**

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

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

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

## 2 "Yes"

## DOCOMO Connection Manager

DOCOMO Connection Manager is convenient software to use DOCOMO's data communication. You can easily make a PC setting according to your subscription status and check an estimate of data communication volume or usage fee by the charge counter function. For details, refer to NTT DOCOMO website.

[http://www.nttdocomo.co.jp/support/utilization/application/service/connection\\_manager/](http://www.nttdocomo.co.jp/support/utilization/application/service/connection_manager/)  
(In Japanese only)

## DOCOMO keitai datalink



DOCOMO keitai datalink is a software for backing up phonebook, mail and other data in your mobile phone to a PC and editing them. For details and downloading, refer to the following website.  
<http://datalink.nttdocomo.co.jp/> (In Japanese only)

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

# Precautions on using Windows 7 mode

Check before using Windows 7 mode.

- FOMA terminal may be heated while using Windows 7 mode.  
If the terminal suddenly becomes hot or keeps warm for a long period of time, the terminal will automatically switch to FOMA mode. It is not a malfunction but a function for avoiding risks such as burns.
- If the battery level reaches level 1 in the Windows 7 mode, Windows 7 mode moves into hibernate state and switches to FOMA mode.
- It is recommended to charge with the included AC Adapter F04 and USB cable F01 or Cradle set F01. If you charge the FOMA terminal using USB cable connected to a PC while using Windows 7 mode, battery may run out because charging rate is not enough.
- When charging with AC Adapter F04 and USB cable F01 or Cradle set F01, a message "USB ケーブルで接続中ですが、バッテリーは充電されませんのでご注意ください。(Attention! Battery is not charged even though it is connected with USB cable.)" may appear. In this case, unplug the microUSB plug of USB cable F01 from the FOMA terminal, or remove the FOMA terminal from the cradle, and then insert it straight.
- When CPU becomes overloaded while using Windows 7 mode or the display brightness is set to maximal, etc., the battery may discharge even if the FOMA terminal is connected to the AC Adapter.

- Note that Windows will force-quit if the following functions are activated while using Windows 7 mode.
  - All lock
  - Omakase Lock
  - Kid-safe mode (PC lock ON)
- Exit Windows 7 mode when you use microSD mode or MTP mode in USB mode.
- Depending on the using circumstance, jumpiness may happen when playing movies, music or sound.
- When displaying output images, use 1280x720 in resolution, 60 Hz in frequency. If output image remains unstable, change frequency to 60 Hz in the following steps.
  - ① Press  while displaying output image, make sure that the output image goes out and Windows 7 lights start blinking (it takes a few minutes).
  - ② Press  to display Windows 7 mode screen.
  - ③ Right click on the desktop where nothing is displayed⇒From the menu displayed, "画面の解像度 (Resolution)"⇒"詳細設定 (Advanced settings)"⇒"モニター (Monitor)"⇒In "画面のリフレッシュレート (Refresh rate)", "60ヘルツ (60 Hz)"⇒"OK"⇒"OK".
- While using Windows 7 mode, some functions of FOMA mode may be restricted.

## Incoming calls and i-mode mails

While using Windows 7 mode, operations for incoming calls and i-mode mails are as follows.

### When communication function is not used

Incoming call	○
i-mode mail	△
Message R/F	△
Area Mail	○
SMS	△
Request of location information	○
AUTO-GPS	×
Omakase Lock	○
i-concier	△
i-Channel	△
Music&Video Channel	△

- : When it is received, the terminal switches to FOMA mode automatically.
- △ : The incoming light turns on (except for i-Channel, Music&Video Channel). Communication is sustained in Windows 7 mode.
- ×

### During packet communication by dialup via mopera U etc.

Incoming voice call	○
Videophone call reception	×
i-mode mail	×
Message R/F	×
Area Mail	○
SMS	△

Request of location information	○
AUTO-GPS	×
Omakase Lock	○
i-concier	×
i-Channel	×
Music&Video Channel	×

- : When it is received, communication is disconnected and the FOMA terminal switches to FOMA mode automatically.
- △ : The incoming light turns on. Communication is sustained in Windows 7 mode.
- ×

### During communication via wireless LAN

Incoming call	○
i-mode mail	△
Message R/F	△
Area Mail	○
SMS	△
Request of location information	○
AUTO-GPS	×
Omakase Lock	○
i-concier	△
i-Channel	△
Music&Video Channel	△

- : When it is received, communication is disconnected and the FOMA terminal switches to FOMA mode automatically.
- △ : The incoming light turns on (except for i-Channel, Music&Video Channel). Communication is sustained in Windows 7 mode.
- ×

## Osaifu-Keitai/ToruCa

- If you switch to Windows 7 mode when using Osaifu-Keitai compatible i-appli, the Osaifu-Keitai function may become unavailable.
- The following screens do not appear in Windows 7 mode.
  - The confirmation screen for using reading function
  - The screen indicating reading function is disabled
  - A confirmation screen to access site for downloading details of ToruCa
- ToruCa alert sound is not emitted in Windows 7 mode.

## Camera

In Windows 7 mode, shooting still images and moving pictures using the out-camera is disabled.

## Bluetooth

In Windows 7 mode, Bluetooth function is unavailable.


## GPS

In Windows 7 mode, GPS function is unavailable.

## Infrared communication/iC transmission

In Windows 7 mode, infrared communication and iC transmission are unavailable.

## Keyboard/Character entry

- For character entry in Windows 7 mode, see Help of "Microsoft® Office IME 2010".
  - On the desktop screen,  on the task bar ▶ "Microsoft® Office IME 2010" ▶ "目次とキーワード (Contents and keyword)"
- To enter the character which cannot be entered using the QWERTY keys, use the screen keyboard.
  - On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "アクセサリ (Accessories)" ▶ "コンピューターの簡単操作 (Simple operation of computer)" ▶ "スクリーンキーボード (Screen keyboard)"



## Restricted software

In Windows 7 mode, some software is unavailable.

Examples

- Software whose resolution of more than 1,024×600 is required
- Software which does not support rotation function
- Usage with maximized Windows® Media Center

### Point

- If you accidentally maximized Windows® Media Center, press  while pressing  to cancel maximization.



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記

原子力核制御、航空機飛行制御、航空交通管制、大量輸送運行制御、生命維持、兵器発射制御など

富士通株式会社

# Setting up Windows 7 mode


When you use Windows 7 mode for the first time, initial settings such as Windows 7 setup and communication settings are required.


## Notes for setup

- It takes time to setup. Please allow enough time for the operations. (Estimate required time : Approx. 60 min.)
- During setup, all communication functions such as receiving a call, mail, etc. cannot be used.
- For Windows 7 setup, preparation of the communication environment is not needed in advance.
- Make sure to connect the adapter for charging when performing Windows 7 setup.
- Do not turn the power OFF until Windows 7 setup is finished. If you turn OFF the power on the way of operation, Windows may be disabled.
- If Windows setup fails or the power is turned off during Windows setup, "Windowsのセットアップ (Windows setup)" screen does not appear, instead the following screen may appear.



In this case, refer to "Reset to default" and execute recovery⇒P87

- Do not press  during setup.
- When the FOMA terminal is switched to power saving status (sleep or hibernation) during

setup, the terminal switches to FOMA mode. In that case, press  to switch to Windows 7 mode.

## Windows 7 setup

### 1 Connect the adapter to the FOMA terminal to be charging state

#### 2

The screen of "初めてWindows 7モードを使うときにはセットアップが必要です。(Setup is needed when you use Windows 7 mode for the first time.)" appears.

#### 3 While pressing and ,

After that, the screen changes some times and then the screen becomes dark or the terminal restarts.

Wait for a while until "Windowsのセットアップ (Windows setup)" screen appears.

#### 4 Enter user name ▶ "次へ (Next)"

Enter user name within 12 one-byte alphabets or numbers. Do not use symbol such as @, %, /, - or space. Numbers should be used in combination with alphabets. Do not change the computer name.

#### 5 Enter password ▶ "次へ (Next)"

You can skip the password entry. If you enter a password, maintain a separate record not to forget.

#### 6 Read terms of license and mark two checkboxes ▶ "次へ (Next)"

## 7 "推奨設定を使用します (Use recommended settings)"

When "ワイヤレスネットワークへの接続 (Connect to wireless network)" screen appears, click "スキップ (Skip)".

Windows 7 restarts automatically and the "必ず実行してください (Make sure to execute)" screen appears.

## 8 On the "必ず実行してください (Make sure to execute)" screen, "実行する (Execute)"


When "ユーザーアカウント制御 (User account control)" screen appears, click "はい (Yes)".

## 9 On the "設定完了 (Setting completed)" screen, "OK"

Windows 7 restarts automatically and Windows 7 setup is completed.

Security software setting follows.

### Point

- After Windows 7 setup is finished, no operation may be performed even when pressing . In this case, shut down or restart Windows 7, and then switch to Windows 7 mode.

## Setting security software

Set security software to prevent computer virus infection and unauthorized access.

- You can update and use "Norton Internet Security" preinstalled in the FOMA terminal in 90 days from initial setting is completed.
- When you use the other security software, uninstall "Norton Internet Security".
- After Internet connection is completed, perform "Live Update".
- When you set auto update, the terminal checks the update information automatically, so that it may connect to the Internet in an unintended time. Please be careful that a high cost will be charged for communication when you set connection by packet communication.

### 1 or "デスクトップ (Desktop)" button

- ### 2 On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "Norton Internet Security" ▶ "Norton Internet Security"
- After that, follow the onscreen instructions.

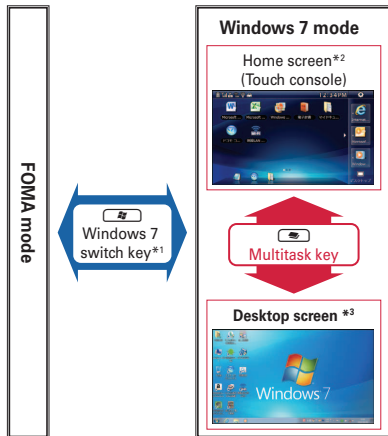
## Screens of Windows 7 mode

## Using screen

- If the view orientation is changed when using in horizontal display, return the orientation by the following procedures.
  - While pressing **[Ctrl]** and **[Alt]**, **[↻]**
  - Right-click empty space on the desktop screen to show the menu, show "画面の解像度 (Screen resolution)" and change "向き (Orientation)" ("縦 (回転) (Vertical (rotate))").
- For the following screens, operate in vertical view. They are not changed to the horizontal view.
  - "トラブル解決ナビ (Troubleshooting navi)"
  - BIOS start menu
  - Safe mode, blue screen
- In Windows 7, trackball operation is the one in horizontal view even in the vertical view.

## Switching screens

The method of switching screens is as follows.



\*1 The status in Windows 7 mode varies depending on the Windows status before switching.

Shut down → The Home screen is activated.

Sleep/Hibernation → Restore the state before sleep/hibernation.

\*2 You can also switch from the Home screen to the desktop screen with the desktop button.

\*3 You can also switch from the desktop screen to the Home screen with "Home screen" icon.

## Home screen

You can start software of Windows 7 mode easily from the Home screen (touch console). When the software is activated from the Home screen, it switches to the desktop screen. After exit of software, the screen is switched to the desktop screen.



### ① Battery level

- : (Battery level 3) Ample charge.
- : (Battery level 2) Low charge.
- : (Battery level 1) Very low. Charge the battery.

(While charging, appears additionally)

### ② Received signal level

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

### ③ : Communication using opera U

### ④ Radio wave condition for wireless LAN

			None	
Strong	↔	Weak	No wireless LAN/ Not connected	Wireless LAN is OFF

### ⑤ FOMA mode display

: Connecting to i-mode (during packet communication)

: Out of service area

: Self mode ON

: Unavailable UIM is inserted

: Silent mode ON

: Personalized Silent mode ON

: In Public mode (Drive mode)

### ⑥ Clock

The same time as FOMA mode appears. Each time Windows 7 is activated, the clock of Windows 7 mode is adjusted to the same time as FOMA mode. When you bring the FOMA terminal to the different time zone and you set to adjust time and time difference in FOMA mode, clock is adjusted to the local time you stay without changing time zone on Windows 7.

### ⑦ Setting button

Display the setting screen of touch console.

### ⑧ Launcher area

Software and shortcut icons appear. Icons beyond the screen appear by scrolling left or right.

### ⑨ Select 3 buttons

You can register often-used software up to 3.

### ⑩ Running task display











Icons indicating running software appear.

### ⑪ Desktop button

Switch to the desktop screen.

## Software

By default, the following software appear on the Home screen.

Icon	Software name	Description
	Microsoft® Word 2010	Create documents
	Microsoft® Excel® 2010	Create spreadsheet and graphs
	Microsoft® Outlook® 2010	Manage e-mail, schedule, address list, etc.
	Windows Live™ フォトギャラリー (Windows Live™ photo gallery)	View photos
	電子辞書 (e-dictionary)	Activate e-dictionary
	ドコモ コネクションマネージャ (DOCOMO connection manager)	Start packet communication
	マイドキュメントフォルダ (My Document folder)	Folder for data saving
	無線LAN ON/OFF (Wireless LAN ON/OFF)	Start/Stop emitting radio wave for wireless LAN
	Windows® Internet Explorer® 9	Internet browser
	Windows Media® Player	Play sounds and view movies

## Internet operation panel

From the Home screen, activate Internet Explorer® 9 to display "インターネット操作パネル (Internet operation panel)" of touch console.



- ① Perform "戻る (Back)" of Internet Explorer.
- ② Display the favorite menu.
- ③ Display the URL entry screen.
- ④ Display a saving menu.
- ⑤ Display "新しいタブ (New tab)" of Internet Explorer
- ⑥ Close an Internet Explorer tab. When Internet Explorer is not activated, Internet operation panel exits.

### Point

- To display from the desktop screen, "スタート (Start)" menu ▶ "すべてのプログラム (All programs)" ▶ "タッチコンソール (Touch console)" ▶ "インターネット操作パネル (起動) (Internet operation panel (start))".

## Gadget

By default, the following original gadgets are installed.

twifar (Gadget for Twitter/Facebook/RSS)	A gadget which has three functions: Twitter, Facebook, RSS reader.* <sup>1</sup>
カレンダーガジェット (Calendar gadget)	A scheduler which reads Google calendar.* <sup>2</sup>
メールチェックガジェット (Mail check gadget)	A gadget which supports POP3 server and displays number of new mails.* <sup>3</sup>


- \*<sup>1</sup> Because twifar uses cooperative interfaces of Twitter and Facebook, it may become disabled depending on restriction and changing specifications of cooperative interfaces.
- \*<sup>2</sup> Because some functions of カレンダーガジェット (Calendar gadget) use cooperative interface of Google, it may become disabled depending on restriction and changing specifications of cooperative interface.
- \*<sup>3</sup> Because メールチェックガジェット (Mail check gadget) uses cooperative interface of the mail server, it may become disabled depending on the mail services.


### Point

- To select and display a gadget, on the desktop screen, operate "スタート (Start)" ▶ "コントロールパネル (Control panel)" ▶ "デスクトップのカスタマイズ (Customize desktop)" ▶ "デスクトップガジェット (Desktop gadget)".

## System status

In Windows 7 mode, a software "システム状態表示 (System status)" for displaying CPU utilization is equipped. You can check it with the icon status on the task bar of the desktop screen.


 : Less than 60 % CPU utilization

 : 60% or more and less than 80 % CPU utilization

 : 80% or more CPU utilization



If icon remains in red for approximately 3 seconds, the icon starts to blink. Furthermore the icon kept in red, it blinks at 3-second intervals.




### Point

- When the icon is not displayed on the task bar, click  of the task bar to display the hidden items.

## Trackball operation

In Windows 7 mode, some operations are available by combining 2 or more keys while using software (Microsoft® Word 2010, Microsoft® Excel® 2010, Windows® Internet Explorer® 9).

 or  + **Trackball up or down** : Scroll up and down in the software screen


 +  or  + **Trackball up or down** : Zoom in/out



## Screen Explanation

## Adjusting the screen

## Zooming

While using Windows® Internet Explorer® 9, press  to zoom in, press and hold it to zoom out. It may take time for response.

## Touch function

Touch function is also available in Windows 7 mode.

- Depending on software, touch function may respond poorly or may not be supported.
- For precautions and operation of the touch panel, see "Using touch panel". ⇒ P26

## Brightness in Windows 7 mode

Brightness adjustment in Windows 7 mode can be performed in the following methods.

**Auto adjusting using light sensor** : Valid by default

**Adjusting in Windows** : Invalid by default

To switch the method of brightness adjustment, operate as follows.

- 1 On the desktop screen, "スタート (Start)" ▶ "コントロールパネル (Control panel)"
- 2 "ハードウェアとサウンド (Hardware and sound)" ▶ "明るさ調整 (Adjust brightness)" ▶ Select an adjusting method

## Communication

## Setting for communication

In Windows 7 mode, you can perform communications via packet communication or wireless LAN.

- This function is disabled when UIM is not inserted, you unsubscribed to the FOMA service or suspend using the service.
- Note that using wireless LAN consumes much battery power.

## Using packet communication

To use packet communication, you need to subscribe to mopera U. Refer to docomo Shop or mopera U website.

<http://www.mopera.net/> (In Japanese only)

## Point

- Note that communication of a large amount of data, such as viewing sites including images, downloading data, etc. using packet communication, requires high charges.
- When you set auto update on Windows update etc., the terminal checks the update information automatically, so that it may connect to the Internet in an unintended time. Please be careful that a high cost will be charged for communication when you set connection by packet communication.

## Setting DOCOMO Connection Manager

"DOCOMO Connection Manager" is used for packet communication.

- 1 On the Home screen, click "ドコモ コネクションマネージャ (DOCOMO Connection Manager)" icon ▶ Make a setting according to the contract condition.**
- 2 Connect to the line via "DOCOMO Connection Manager" ▶ Disconnect**  
When you click "接続する (Connect)" on "DOCOMO Connection Manager" and confirm to successfully be connected to the line, click "切断する (Disconnect)" to disconnect the line.
- 3 On the desktop screen, click "回線設定 (Line setting)" icon**  
"回線設定 (Line setting)" icon disappears and setting is completed.

### Point

- For instructions of "DOCOMO Connection Manager", refer to the following instruction manual.  
- On the desktop screen, "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 操作マニュアル (Instruction manual of DOCOMO Connection Manager)"
- If you cancel out "回線設定 (Line setting)" icon before performing the operation above, run the following file.  
C:¥Fujitsu¥DialUp¥FJ\_replace\_rasphone.cmd
- Although "\*\*\* (従量) (pay-as-you-go)" (\*\*\* is referred to the provider you set) is displayed in host on the preinstalled "DOCOMO Connection Manager" connection screen, a limit price of "パソコンなどの外

部機器を接続した通信 (Communication connecting external device such as a PC)" is applied if you subscribe to "packet flat-rate service other than flat rate data plan (Pake-Houdai Double, etc.)".

The latest version of DOCOMO Connection Manager can be downloaded from the following website.

[http://www.nttdocomo.co.jp/support/utilization/application/service/connection\\_manager/index.html](http://www.nttdocomo.co.jp/support/utilization/application/service/connection_manager/index.html)

- In the following cases, packet communication will be disconnected.
  - Using power saving function (sleep or hibernation)
  - Switching to FOMA mode
  - Switching to communication via wireless LAN
  - Restarting Windows

To use again, reconnect with "ドコモ コネクションマネージャ (DOCOMO Connection Manager)".

## Using wireless LAN

The setting method of wireless LAN varies depending on the access point. Refer to the instruction manual attached to the access point.

### Setting wireless LAN

- 1 On the Home screen, click "無線LAN ON/OFF (Wireless LAN ON/OFF)" icon to turn on the wireless LAN function.**  
When Windows 7 is started, wireless LAN function is turned off.
- 2 On the desktop screen, "スタート (Start)" ▶ "コントロールパネル (Control panel)" ▶ "ネットワークとインターネット (Network and Internet)" ▶ "ネットワークの状態とタスクの表示 (Network status and display of tasks)"**

**3** "新しい接続またはネットワークのセットアップ (Setup of new connection or network)"

**4** "ワイヤレスネットワークに手動で接続します (Connect to wireless network manually)" ▶ "次へ (Next)"

**5** Enter setting information of wireless LAN access point ▶ "次へ (Next)"

For "ネットワーク名 (SSID) (Network name (SSID))", "セキュリティの種類 (Security type)" and "セキュリティキー (Security key)", follow the instruction manual or the instruction of the access point.

**6** When "正常に～を追加しました (～ is added correctly)" appears, "閉じる (Close)"

### Point

- Wireless LAN function is turned off in the following cases.
  - Using power saving function (sleep or hibernation)
  - Switching to FOMA mode
  - Switching to packet communication
  - Restarting Windows

To use wireless LAN again, on the Home screen, click "無線LAN ON/OFF (Wireless LAN ON/OFF)" icon and turn on wireless LAN.

## Precautions on using communication via wireless LAN

Wireless LAN communication uses radio waves for exchanging information. An advantage is that connection can be available anywhere the radio waves can be reached. On the other hand, the following problems may occur when security settings are not set.

- A malicious third party intercept the radio waves by intent and peeps the personal information, content of mails, etc.
  - A malicious third party accesses to the network of a person or a company without notice and retrieves personal or confidential information.
  - The computer virus is spread and destroys data or systems.
- Fundamentally, communication via wireless LAN has security systems to solve these problems. Proper security settings decrease the possibility that the problems are generated. Make sure to set all of security settings of these products according to the attached instruction manual.

Note that, because of the specification of wireless LAN, security settings may be broken out by special methods. DOCOMO recommends to make security settings on your own judgment and responsibility, and use the product on the basis that you fully understand the problems when using the product without security settings. If the security problem occurs without security settings or due to inevitable circumstances because of the specification of wireless LAN, DOCOMO assumes no responsibility.

- As the Bluetooth device and wireless LAN (IEEE802.11b/g/n) use the same frequency band (2.4GHz), interference of radio waves may occur and it may result to decrease the communication speed, to generate noise or to disable connection. In this case, turn off the power of Bluetooth device or separate the Bluetooth device from the FOMA terminal 10 m or more away.

## Using mail software

Set the following information from the provider to the mail software. If you are not sure about the information, refer to your provider or communication service company.

- Receiving (POP) server
- Sending (SMTP) server
- Mail address
- Mail account name
- Mail password

Setting method varies depending on the mail software. See Help of the mail software.

### Microsoft® Outlook® 2010

- 1 On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "Microsoft Office" ▶ "Microsoft Outlook 2010"

For details on using, check with Help of "Microsoft Outlook 2010".

### Windows Live™ メール (Windows Live™ Mail)

- 1 On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "Windows Live メール (Windows Live Mail)"

For details on using, check with Help of "Windows Live メール (Windows Live mail)".

## Windows Live™ Messenger

- 1 On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "Windows Live Messenger"


Windows Live Messenger starts.

After that, follow the onscreen instructions.

### Point

- To use "Windows Live Messenger", obtaining Windows Live ID is required.
- When "Windows Live Messenger" is uninstalled, you need to download the program from the "Windows Live Messenger" website (<http://messenger.live.jp/>) to install it again.

## Setting sound/power-saving Sound settings

- 1 On the desktop screen, click  in the notification area at lower-right of the screen.

- 2 Drag up or down the volume tab

You can adjust the volume.

To clear the volume screen, click any space on the desktop screen.

### Point

- When Silent mode is set in FOMA mode, sound is not emitted in Windows 7 mode.


## Power saving settings

### Setting to sleep or hibernation

#### 1 On the desktop screen, "スタート (Start)"

#### 2 or of "スリープ (Sleep)"

Switch to FOMA mode.

To resume from the power saving status, press  to switch to Windows 7 mode.

### Precautions on using power saving functions

- Depending on the usage, it may take some time to set to sleep, hibernate or resume. The operation is disabled while moving on.
- Do not resume as soon as sleep or hibernation is set. Always take 10 seconds or more to resume.
- It is normal to generate noise for a moment on the screen when Windows is set to sleep, hibernate or resume.
- It is recommended to avoid setting to sleep or hibernate while connecting to the network (Internet, etc.). Depending on the environment, connection to the network (Internet, etc.) may not be performed properly. By default, without any operation for a certain period of time in Windows 7 mode, Windows changes to sleep.
- Do not set to sleep or hibernate in the following cases.
  - While the OS is in process of starting or exiting
  - While installing a driver or program

- While performing some process (e.g. outputting to printer) or right after the process is completed
- While accessing to the built-in flash memory disk
- While playing sound from game software, etc.
- While playing moving picture file, etc.

### Precautions on using Cradle Set F01 (optional)

- When the driver of the connected device is not installed correctly, Windows does not change to sleep or hibernate.
- Do not attach/remove the external device while sleeping.
- If hibernation is set with external device connected, the device may not recover the state before hibernation because the device information is initialized when Windows is resumed.
- Do not set to sleep or hibernate while outputting images on digital television using Cradle Set F01 (optional).
- Do not set to sleep or hibernate in the following cases.
  - Displaying images on the digital TV.
  - While playing sound from music CD
  - While using auto-run CD-ROM, DVD-ROM (which starts automatically when it is set in the player)

## Managing power in Windows 7 mode

Power saving settings set by default are as follows.

- Time for sleep of Windows 7 mode after it is switched to FOMA mode : 1 minute
- Time for hibernation of Windows 7 mode after it is switched to FOMA mode : 5 minutes


To change the settings, perform the following operation.

**1 On the desktop screen, "スタート (Start)" ▶ "コントロールパネル (Control panel)"**

**2 "ハードウェアとサウンド (Hardware and sound)" ▶ "切替時 電源設定 (Power setting when switched)" ▶ Select time you want to change to ▶ "設定 (Set)"**

## microSD card control utility

In Windows 7 mode, "microSDカード制御ユーティリティ (microSD card control utility)" software which switches microSD card ON/OFF is equipped. You can check it with the icon status on the task bar of the desktop screen.

 **(microSD card is "オフ (OFF)")** : Usage of microSD card in Windows 7 mode is unavailable

 **(microSD card is "オン (ON)")** : Usage of microSD card in Windows 7 mode is available.

- By default, it is set to "オフ (OFF)". To use microSD card, turn this software to "オン (ON)".


- If the following status are kept for 3 seconds after "オン (ON)" is set, it turns to "オフ (OFF)" automatically.

- Files or folders in the microSD card are not browsed via the software.
- Files or folders in the microSD card are not opened.

Switch ON/OFF as follows.

**1 On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "microSDカード制御ユーティリティ (microSD card control utility)" ▶ "設定 (Set)" ▶ Select ON/OFF**

### Point

- The following status can switch to "オフ (OFF)".
  - Files or folders in the microSD card are not browsed via the software.
  - Files or folders in the microSD card are not opened.
- When the icon is not displayed on the task bar, click  of the task bar to display the hidden items.
- ReadyBoost for Windows 7 is not supported.

## Maintenance Update

Perform the following updates on a routine basis.

### Point

- It may take time for update. Make sure to connect the adapter and perform in the charging state.
- When you set auto update, the terminal checks the update information automatically, so that it may connect to the Internet in an unintended time. Please be careful that a high cost will be charged for communication when you set connection by packet communication.

## Windows update

- 1 **On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "Windows Update"**

After that, follow the onscreen instructions.

## Update navi

With "アップデートナビ (Update navigation)", you can check the latest information of driver or software related to the FOMA terminal provided by Fujitsu Co., Ltd., and update. (In Japanese only)

- 1 **On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "アップデートナビ (Update navigation)" ▶ "アップデートナビ (Update navigation)"**

After that, follow the onscreen instructions.

## Maintenance Backup

DOCOMO recommends saving copy of necessary data (backing up).

## Daily backup

DOCOMO recommends saving necessary data outside of the FOMA terminal, such as in microSD card, other PC, etc.

Using Cradle Set F01 (optional) enables to back up the data to USB memory, External hard disk drive (optional), etc.

## マイリカバリ (My recovery)

With "マイリカバリ (My recovery)" preinstalled in the FOMA terminal, you can back up the whole current information of built-in flash memory disk and save to the External hard disk drive (optional) connected via USB with Cradle set F01 (optional).

## What you can do with マイリカバリ (My recovery)

### ■ Create/Restore disk image of the built-in flash memory disk

Disk image is a file which collects various information in the built-in flash memory disk. Create the disk image with "マイリカバリ (My recovery)" and restore it when a problem occurs to restore the state of Windows 7 when creating the disk image. Note that only data of Windows 7 mode can be backed up with マイリカバリ (My recovery). Data of FOMA mode cannot be backed up.


## Precautions on using マイリカバリ (My recovery)

- Cradle set F01 (optional) and External hard disk drive (optional) are required.
- Do not create the disk image when a problem occurs. The problem is also restored if it is saved.
- マイリカバリ (My recovery) is not guaranteed for backing up/restoring all data.
- Copyrighted movies and music may not be backed up/restored.
- It takes some time to back up using マイリカバリ (My recovery). Please allow enough time for the operations. (Estimate of required time : Approx. 3 hours - 7 hours (Required time varies by created disc image amount or capability of saving media))

## Free space of saving destination

At least 16Gbytes of free space is required to the media used as the saving destination of disk image. Required free space varies depending on usage after purchasing.

## Creating/Restoring disk image

- 1 Insert the connection jack of AC Adapter Power Cable for Cradle F01 to AC Adapter for Cradle F01
- 2 Insert the connection jack of AC Adapter F01 for Cradle to cradles power jack
- 3 Press  on the F-07C to switch to Windows 7 mode
- 4 Open the cradle connection jack cap of the F-07C and insert it to the cradle
- 5 Insert the power plug of AC Adapter Power Cable for Cradle F01 into AC 100V AC outlet
- 6 On the desktop screen, "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "マイリカバリ (My recovery)" (when "ユーザーアカウント制御 (User account control)" window appears, select "はい (Yes)")
- 7 In "マイリカバリとは (About My recovery)" window, "次へ (Next)"
- 8 On "マイリカバリ (My recovery)" screen, "つくる (Create)" or "もどす (Restore)"

Windows reboots. After that, follow the onscreen instructions. And then connect External hard disk drive.



# Reset to default

## Preparation for recovery

The content of Windows 7 mode by default is saved in "recovery area" in the FOMA terminal. The FOMA terminal can be restored to default from the recovery area.


### Point

- Recovery area cannot be deleted. If you delete the recovery area, recovery cannot be performed. Note that repair is needed to reset to default.

## Backing up

Recovery deletes all data. Back up the necessary data. Network environment or mail settings cannot be backed up as data. It is recommended to maintain a separate record of them.

## Precautions on recovery

- Please allow enough time for the operations. (Estimate required time : 85 min. or more)
- The touch panel operation is disabled. Use the track ball.
- Make sure to connect the adapter and perform in the charging state.
- Do not press  during recovery.

- When using Cradle Set F01 (optional), remove the external memory device such as external hard disk drive before performing recovery. If operation is continued with the external memory device connected, the necessary data may be broken.
- Remove the mouse pad, keyboard, printer, digital camera, scanner, etc., from Cradle Set F01 (optional).
- Remove microSD card. If microSD card is installed, the procedure may be different from the description in this manual.
- Do not perform other operations while copying files.  
Wait for a while and do not click more than is necessary. If you perform other operation, recovery may not exit correctly.

## Executing recovery

- 1 On the desktop screen, "トラブル解決ナビの起動 (Start Troubleshooting navigation)" ▶ "再起動 (Restart)"
- 2 Select "Recovery and Utility" of "Application Menu" and 決定 Tab.  
When Menu is different, switch using Tab.
- 3 On "トラブル解決ナビ (Troubleshooting navigation)" screen, select "Cドライブをご購入時の状態に戻す (Restore C drive to the default)" in the "リカバリ (Recovery)" tab ▶ Execute
- 4 Scroll 注意事項 (Precaution) to the bottom ▶ Select "同意する (Agree)" ▶ "次へ (Next)"
- 5 On the warning screen, "OK"  
A recovery progress status screen appears and recovery to the default starts. Wait for a while until "リカバリが正常に完了しました。 (Recovery is completed properly)" appears. Remaining time until completion may not be displayed correctly or increased. It is because of recalculation of the remaining time on the way.
- 6 On the "リカバリが正常に完了しました。 (Recovery is completed properly)" screen, "OK"  
The terminal switches to FOMA mode and Windows 7 mode status return to the default.

After that, you need to setup Windows 7 in the same way as when you use the Windows 7 mode for the first time after the purchase. See "Setting up Windows 7 mode" (⇒P73) to perform the setup.

### Point

- If you cannot start Windows 7 mode when performing recovery, while "<F12>:Boot Menu" is displaying at the lower right of the screen, press F1 pressing Fne to display "Application Menu" and continue operations from Step 2.

To use Microsoft® Office Personal 2010 biennial licensed version, entering product key and license authentication are required when it starts for the first time.

For details, refer to "お使いになる前に (Before using)" on the included CD-ROM.

- Product key is attached to back side of the included CD-ROM jacket. Keep it in a safe place and never lose it.
- To perform license authentication, you need to connect to the Internet. License authentication cannot be performed on the telephone.
- When entering the product key for the first time of starting, if you cancel the entry halfway and try to enter again, the FOMA terminal may restart unexpectedly. Once you start to enter the product key, do not break up the operation until the software is set properly.
- If license authentication is disabled, contact Microsoft Japan Co., Ltd.
- For the method of using the usual Office functions after validity period of biennial license, contact Microsoft Japan Co., Ltd.
- Entering product key and license authentication are also required after recovery, which resets the FOMA terminal to default.
- When the FOMA terminal is repaired during validity period of license, license authentication may be required again.

## Inquiries for software

For details on software other than "exempted" or "supported by the software providing company", contact the numbers for "General Inquiries" on the last page of this manual.

### Software exempted from support

Due to the free product provided by each software company, the following software does not have user support.

Adobe® Reader®, Adobe® Flash® Player, Java SE Runtime Environment 6

### Software supported by the software providing company

Confirm the number to avoid calling wrong numbers.

#### ■@niftyでブロードバンド (Broadband communication with @nifty)

Nifty Corporation @nifty subscription desk

TEL : 0120-50-2210

Office hours : 9:00 - 22:00 (open all year round)

\*Available on mobile phone and PHS

#### ■i-フィルター® 6.0 (i-filter 6.0)

Digital Arts Inc. Support Center

TEL : Monday to Friday/03-3580-5678, Saturday, Sunday, Holidays/0570-00-1334

Office hours : 10:00 - 18:00 (except specified holidays)

URL : <http://www.daj.jp/faq/> (In Japanese only)

Inquiry form : <http://www.daj.jp/ask/> (In Japanese only)

Digital Arts Inc. provides support during 90-day trial period.

#### ■Microsoft®Office Personal® 2010 biennial licensed version (Microsoft® Excel® 2010, Microsoft® Outlook® 2010, Microsoft® Word 2010, Microsoft®Office Navigation 2010)

Microsoft Japan Co., Ltd.

TEL : 0120-54-2244

Inquiries for setup or installation :

Office hours : Monday to Friday/9:30 - 12:00, 13:00 - 19:00, Saturday & Sunday/10:00 - 17:00 (except holidays, New Year and specified holidays)

Inquiries for basic operation : Office hours : Monday to Friday/9:30 - 12:00, 13:00 - 19:00, Saturday/10:00 - 17:00 (except Sundays, holidays, New Year and specified holidays)

- Inquiries for setup and installation are available with no validity.
- Inquiries for basic operation are valid for 90 days from the first day the customer calls the support. (during support life cycle period)

URL : <http://support.microsoft.com/>

## ■Microsoft® Silverlight™

Microsoft Japan Co., Ltd.

Do the following to inquire.

1. Access to the Silverlight support website.

URL : <http://go.microsoft.com/fwlink/?LinkId=199242>

2. Click "マイクロソフトへ問い合わせる (Inquiry to Microsoft)" down of the "お問い合わせ (Inquiry)" at right of the website.

3. Follow the on screen instructions.

## ■Windows Live™ (Windows Live™ Messenger, Windows Live™ Writer, Windows Live™ フォトギャラリー (Windows Live™ Photo Gallery), Windows Live™ ムービー メーカー (Windows Live™ Movie Maker), Windows Live™ メール (Windows Live™ Mail), Windows Live™ Mesh)

Microsoft Japan Co., Ltd.

Do the following to inquire.

1. Access to the supporting website.

URL : <http://www.windowslivehelp.com/>

2. From the list of "Windows Live Solution Center へようこそ (Welcome to Windows Live Solution Center)", select the product.

3. Search the solution. If there is no solution, inquire from "質問する (Ask a question)" link on each page.

## ■学研パーソナル現代国語辞典, 学研パーソナル英和辞典, 学研パーソナル和英辞典, 学研パーソナル版漢字辞典

Gakken Education Publishing Co., Ltd. Digital Content Development Office

TEL : 03-3493-3286 (Inquiries for dictionary data)

Office hours : 10:00 - 12:00, 13:00 - 17:00 (except Saturdays, Sundays and holidays)

For the method of seeing a dictionary or operation of "e-dictionary", contact the numbers for "General Inquiries" on the last page of this manual.

## ■デイリー日中英・中日英辞典, デイリー日韓英・韓日英辞典, デイリー日独英・独日英辞典, デイリー日仏英・仏日英辞典, デイリー日西英・西日英辞典, デイリー日伊英・伊日英辞典, デイリー日独英会話辞典, デイリー日仏英会話辞典, デイリー日中英会話辞典, デイリー日韓英会話辞典

SANSEIDO Co., Ltd. CD-ROM Products and User Support Section

TEL : 03-3230-9416 (Inquiries for dictionary data)

FAX : 03-3230-9580

Office hours : 10:00 - 12:00, 13:00 - 17:00 (except Saturdays, Sundays, holidays and specified holidays)

For the method of seeing a dictionary or operation of "e-dictionary", contact the numbers for "General Inquiries" on the last page of this manual.

## ■ノートン™ インターネットセキュリティ 2011 (Norton Internet Security 2011)

Symantec Corporation Symantec Technical Support Center

- The center is the contact information for technical inquiries.
- Validity period is equal to update period (90 days). (If you request the extension of update service, you can have access to the support. For details, see support pages of each product (URL : <http://www.symss.jp/>.)
- You can check solutions of frequently asked questions from customers using bundle version on the following website. If the solution cannot be found, you can also inquire at the contact information of bundle version.

URL : <http://www.symss.jp/jpo-fujitsu-reg/>  
(In Japanese only)

TEL : 03-5642-2686

Office hours : Monday to Friday/10:00 - 19:00,  
Saturday, Sunday, Holidays/10:00 - 16:00

- For subscription of service extension, contact information is different from the support center.

Symantec Store URL : [http://](http://www.symantecstore.jp/users.asp)

[www.symantecstore.jp/users.asp](http://www.symantecstore.jp/users.asp)

TEL : 0570-005557 (Navi dial)

Office hours : 10:00 - 17:00 (except Saturdays,  
Sundays and holidays)

## ■明鏡国語辞典MX, 新漢語林MX, ジーニアス英和辞典MX, ジーニアス和英辞典MX

TAISHUKAN Publishing Co., Ltd. Electronics Publishing Development Office

TEL : 03-3294-2352 (Inquiries for dictionary data)

Office hours : 10:00 - 12:00, 13:00 - 16:00 (except  
Saturdays, Sundays, holidays and New Year  
holidays)

For the method of seeing a dictionary or operation of "e-dictionary", contact the numbers for "General Inquiries" on the last page of this manual.

Check for the necessity of software update first, and update the software if necessary. ⇒P97  
If the problem still persists, contact the numbers for "Repairs" on the last page of this manual (in Japanese only) or DOCOMO-specified repair office.

## ❖ Power supply and charging

### ● FOMA terminal cannot be turned ON.

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

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

- Is the battery pack installed correctly?
- Are AC Adapter F04, USB Cable F01 and FOMA terminal set correctly?
- For using cradle (optional), is AC Adapter F01 for Cradle connected to cradles power jack, and the connection jack of AC Adapter Power Cable for Cradle F01 to AC Adapter for Cradle F01 firmly?
- Is AC adapter's power plug inserted to the outlet correctly?
- When using cradle (optional), is the cradle connection jack of the FOMA terminal dirty? If it is dirty, clean with a dry cotton swab etc.
- If you execute calls, communications or other function operations while charging the battery pack, FOMA terminal may become hot. For safety, charging may not start when FOMA terminal is hot. Wait until the temperature drops after using and charge again.

## ❖ Terminal operation

### ● Turning the power OFF or restarting automatically happens.

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

### ● No operations are performed even by keypad and touch operations.

Have you activated All lock, Omakase Lock, Operation lock or Security lock?

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

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

### ● The UIM is not recognized.

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

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


While operating or charging, or if you use i-appli, videophone call, Windows 7 mode, etc. for a long time while charging the battery, FOMA terminal, battery pack and adapter may become hot. There is no problem about safety and continue to use it.

● **The clock is not on time**

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

❖ **Calls**

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


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

● **Calls cannot be made touching the key/using the keypad.**

Have you activated All lock, Omakase Lock, Self mode or Keypad dial lock?

❖ **Osaifu-Keitai**

● **Osaifu-Keitai function is unavailable.**

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



# Warranty and After-Sales Service

## Warranty

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

## After-Sales Service

### ✦ When problems occur

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

### ✦ If the result of inquiries indicates that a repair is required

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

### In the warranty period

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

### Repairs may not be possible in the following cases.

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

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

### After expiration of the warranty

All repairs that are requested are charged.

### Replacement parts

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

## ❖ Notes

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

## Support

### i-mode fault diagnosis site

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

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

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

QR code for site  
access



- The access method may be changed without previous notice.
- Accessing from overseas is charged.

# Updating software

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

When software update is required, information is posted in "お客様サポート (user support)" on NTT DOCOMO website or iMenu (in Japanese only). Software may be updated in 3 methods: "Auto-update", "Immediate update" and "Reserved update".

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


## ❖ When updating software

- Do not remove the battery pack while updating software. The update may fail.
- Software update should be done with battery fully charged.
- Software update (downloading or rewriting) may take time.
- Making/Receiving calls, communications functions and other functions are disabled during software update (only incoming voice calls can be answered while downloading).
- It is recommended that software update be executed in good radio wave conditions with

three bars of the antenna icon displayed and the terminal not moved. If radio wave conditions become weaker during software download or the download is stopped, retry software update in a place with strong radio wave conditions.

- When updating software, your private information concerning FOMA terminal (model, serial number, etc.) is automatically sent to the server (the server for software update managed by DOCOMO). DOCOMO does not use the sent information for purposes except software update.
- When software update has failed, "Rewrite failed" appears and all operation becomes unavailable. In that case, please bring FOMA terminal to DOCOMO-specified repair office.

## Updating

You can select  (update notification icon) on the stand-by display or start from the menu.

**<Example> Selecting the notification icon to update**

- 1**  **Select**  **(update notification icon) ▶ "Yes" ▶ Authenticate**

You can also operate by touching the stand-by display and then touching "ADL update notice" from the "New arrival/Status" of the stand-by launcher.

## **2 The check result appears**

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

**<Example> Starting from the menu**

- 1**  **8 Settings & NW services ▶ 7 Clock & Other ▶ 4 Software update ▶ Authenticate ▶ "Update"**

## Scanning function (Security Scan)

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

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

### ● Updating pattern definitions

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

### Set auto-update


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

1 **MENU** ▶ 8 **Settings & NW services** ▶ 4

**Security & Locks** ▶ 7 **Scanning**

**function** ▶ 2 **Set auto-update** ▶

**"Enable"** ▶ **"Yes"** ▶ **"Yes"** ▶ **"OK"**

When the Auto-updating pattern definitions is completed,  appears on the stand-by display.

### Scan results

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

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

## Options and related devices

Combining FOMA terminal with optional accessories supports a wide variety of uses from personal use to business use. Some products are unavailable depending on the area.

For details, contact a sales outlet such as docomo Shop. For details about the optional devices, refer to the instruction manual for each device.

- AC Adapter F04
- In-Car Hands-Free Kit 01
- Battery Pack F20
- In-Car Holder 01
- Cradle Set F01
- USB Cable F01
- Earphone Plug Adapter F01
- Back Cover F58
- Carry Case 02
- Wireless Earphone Set 02
- Bone conduction microphone/receiver 02

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

# Menu list

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

## ■ Mail

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

Template

## ■ i-mode

iMenu Search  
Bookmark  
Screen memo

Last URL

Enter URL

Enter URL

URL enter history

i-Channel

**i-Channel list**

**i-Channel setting**

Reset i-Channel

i-mode settings

**i-modeBrowserSetting**

**FullBrowser Setting**

**Common Setting**

Check i-mode setting

Reset i-mode setting

Access shortcuts

RSS reader

Full Browser Home

Search engine

## ■ i-appli

Software list

i-appli call log

i-appli settings	Sort software
	Auto-start
	Software info disp.
	Display light time
	Brightness
	Vibrate effect
	Sound effect volume
	i-Widget settings
	i-appli call DL set
	AUTO-GPS preferred setting
Display history	Start failure hist.
	Abnormal exit hist.
	Security error hist.

#### i-appli shortcuts

### ■ Phonebook & Logs

#### Phonebook

Phonebook new entry

Add group

Phonebook(UIM) new entry

Received calls

Redial

Record msg.&Voice memo

Record message

Recorded messages

Record voice memo

Voice memos

Mail logs

Sent msg. log

Receive msg. log

User information

### ■ Data Box

My Picture

MUSIC

Music&Video Channel

i-motion/Movie

Melody

My Document

Kisekae Tool

Machi-chara

Chara-den

### ■ Life Kit

Bar code reader

Irr/PC connection

Receive Ir data

Send all Ir data

Send all via iC

Data exchange settings

USB mode setting

microSD

Camera

Still camera

Movie camera

Sound recorder

Data Security

Data check/How to update etc.

Exchanging history

Send img in Phonebook

Backup phonebooks etc./Update

Backup settings/Update

Backup images

Map/GPS

Map

imadoco search

imadoco kantan search

i-area

Map/GPS appli

Position location

Loc. history

Notify location

Map&GPS setting

AUTO-GPS

Pedometer/ACT monitor	Steps/Activity/Calories info
	Set Pedometer/Activity monitor
Bluetooth	Bluetooth ON/OFF
	Device list
	Register new devices
	Accept registered
	Bluetooth settings
	Connecting devices

Guide

## ■ Accessory

Scheduler

Notepad

Alarm clock

Calculator

Dictionaries	Jpn Dic (Gakken Mobile Jpn Dic)
	JE Dic (Gakken Mobile JE Dic)
	EJ Dic (Gakken Mobile EJ Dic)
	Today's trivia
	Today in history

Countdown timer

High-pitched alarm

Fake call	Activate
	Alert&Time settings

Handy light

## ■ Settings & NW services

Alerts & Sounds	Ring alerts & Sounds
	Adjust volume
	Vibrate alert/effect
	Silent mode
	Ring alert delay
	BGM play

Display	Stand-by display
	Menu preference
	Color & Action image
	Display & Key light
	Light alert
	Font & Language
	Display Machi-chara
	eco mode
	Row height of list

Kisekai/Themes	Kisekai Tool
	Style theme
	Timed theme

Security & Locks	Locks
	Privacy mode
	Kid-safe mode
	Receive display option
	UIM
	Change security code
	Scanning function
	Password manager
	microSD password setting

Call & Answer	Sound & Image
	Anonymous caller
	Any key answer
	Headset
	Reject/Accept call
	Make/Receive call
	Call session
	Self mode



Videophone	V.phone dialing img.
	Videophone alert
	Operation
	Data session arv. act
	Image setting
	External device
	Notify switchable mode
Clock & Other	Slide and edit
	Clock
	Text input
	Software update
	Info & Reset
	Multitask key shortcut
	Motion sensor
NW Services	Femtocell setting
	Phone refresh
	Voice Mail
	Call waiting/forward
	Caller ID
	OFFICEED
	2in1 setting
	Melody Call
	Other
	Overseas network search
	Overseas setting
	Overseas service

## ■ MUSIC

MUSIC Player

Music&Video Channel

## ■ Osaifu-Keitai

IC card content

DCMX

ToruCa content

IC card settings

Lock/Unlock

Lock preference

Timed lock

Programed activation

IC lock(power-off)

ToruCa setting

ToruCa alert

ToruCa from IC card

ToruCa auto-read

ToruCa sort rule

Check IC owner

Change IC owner

Search by i-mode

## ■ User information

User information

## ■ i-concier

i-concier

## Main specifications

## ■ Phone

<b>Product name</b>		F-07C
<b>Size</b>		Approx. 125 mm (H)×61 mm (W)×19.8 mm (T)
<b>Weight</b>		Approx. 218g
<b>Continuous stand-by time</b> <sup>*1, 2, 3</sup>	<b>FOMA/3G</b>	Stationary (Auto) : Approx. 600 H Moving (Auto) : Approx. 420 H Moving (3G static) : Approx. 460 H
	<b>GSM</b>	Stationary (Auto) : Approx. 400 H
<b>Continuous call time</b> <sup>*2, 3, 4</sup>	<b>FOMA/3G</b>	Voice call : Approx. 370 min. Videophone call : Approx. 170 min.
	<b>GSM</b>	Approx. 440 min.
<b>Charging time</b> <sup>*5</sup>		AC adapter : 170 min.
<b>Display</b>	<b>Type</b>	TFT 262,144 colors
	<b>Size</b>	Approx. 4.0 inches
	<b>Number of pixels</b>	614,400 pixels (600×1,024 dots)
<b>Image pickup device</b>	<b>Type</b>	Out-camera : CMOS In-camera : CMOS
	<b>Size</b>	Out-camera : 1/4.0 inches In-camera : 1/10.0 inch
	<b>Number of effective pixels</b>	Out-camera : Approx. 5,100,000 pixels In-camera : Approx. 320,000 pixels

<b>Camera section</b>	<b>Number of recording pixels (max.)</b>	Out-camera : Approx. 5,000,000 pixels (Available only in FOMA mode) In-camera : Approx. 310,000 pixels (Approx. 170,000 pixels in Windows 7 mode)
	<b>Zoom (digital)</b>	Out-camera : Up to approx. 16.0x In-camera : Up to approx. 2.0x
<b>Recording section</b>	<b>Savable still images</b> <sup>*6</sup>	Up to approx. 1,300 images (default)
	<b>Continuous shooting of still images</b>	2-9 images
	<b>File format for still image</b>	JPEG
	<b>Recordable time for moving picture</b> <sup>*7</sup>	Up to approx. 13 min. (save to phone/default) Up to approx. 180 min. (save to 2GB microSD card)
	<b>Moving picture file format</b>	MP4
<b>Playing music</b>	<b>Continuous play time</b>	i-motion : Approx. 1,234 min. <sup>*8</sup> Chaku-uta full : Approx. 1,306 min. <sup>*8, 9</sup> WMA file : Approx. 1,279 min. <sup>*9</sup> Music&Video Channel (sound) : Approx. 1,306 min. <sup>*9</sup> Music&Video Channel (moving picture) : Approx. 332 min.
<b>Recording size</b>	<b>Chaku-uta/Chaku-uta full</b>	Approx. 74MB

<b>Windows 7 mode</b>	<b>OS</b> <sup>*10</sup>	Windows® 7 Home Premium 32-bit legitimate version (SP1 applied)
	<b>CPU</b>	Intel® Atom™ processor Z600 (HT technology compatible) (1.20GHz) <sup>*11</sup>
	<b>Main memory</b>	Standard 1GB/Up to 1 GB (LPDDR400)
	<b>SSD</b> <sup>*12</sup>	Approx. 32 GB (eMMC)
	<b>Wireless LAN</b> <sup>*13</sup>	IEEE 802.11b/g/n compatible (communication speed : Up to 65Mbps) <sup>*14</sup>
	<b>Battery driving time</b>	Approx. 2 hours <sup>*15</sup>

- \*1 Continuous call time indicates the approximate time that the phone can receive radio waves normally. Stationary continuous stand-by time indicates the average utilization time that the phone can receive radio waves normally remains stationary. Moving continuous stand-by time indicates the average utilization time that the phone can receive radio waves normally with a combination of "stationary", "moving", and "out of service area" status.
- \*2 Call, communication or stand-by time may be reduced to about half due to battery pack charging condition, function settings, operating environment such as ambient temperature, radio wave conditions in the area of use (the radio waves are weak or absent), etc.
- \*3 The call, communication or stand-by times are reduced by making i-mode communications, creating i-mode mail, activating downloaded i-appli, making i-appli stand-by display settings, downloading or playing Music&Video Channel program, playing tune with MUSIC Player, using AUTO-GPS, Bluetooth connection or Windows 7 mode etc.
- \*4 Continuous call time indicates the approximate time that the phone can send or receive radio waves normally.

- \*5 Charging time indicates the estimated time for charging an empty battery with FOMA terminal turned OFF. Charging with FOMA terminal turned ON requires longer time.
- \*6 The number of savable still images is based on a image size "QVGA (320×240)", Quality "Standard" and file size 10 Kbytes.
- \*7 The moving picture shooting time means allowable time for one movie. The number is based on Image size "VGA (640×480)" and Quality "STD (Standard)". Varies depending on the moving picture to be recorded.
- \*8 AAC format files.
- \*9 Background playing is available.
- \*10 It is Japanese version.
- \*11 Although CPU for 1.20GHz operating frequency is mounted, it operates in 50 % frequency in actuality.
- \*12 "NTFS" is adopted. Windows RE area and recovery area use approx. 8.2 GB memory space, and C drive uses the rest.
- \*13 Unavailable in FOMA mode.
- \*14 Data communication with the FOMA cannot be used at the same time. The value is theoretical in standards; the actual speed varies by communication environment. In IEEE 802.11n, 20 MHz bandwidth system (HT20) 2.4 GHz mode is supported.
- \*15 Measured figures by JEITA measurement method Ver.1.0. Battery driving time varies by operation environment, LCD brightness, system settings, etc.

## ■ Battery Pack

<b>Quality</b>	Battery Pack F20
<b>Battery used</b>	Li-ion battery
<b>Nominal voltage</b>	3.7V
<b>Nominal capacity</b>	1400mAh

## Savable/Recordable/ Protectable number

Type	Savable/ Recordable number	Protectable number
Phonebook <sup>*1</sup>	Up to 1,000	—
Kisekai Tool <sup>*1</sup>	Up to 50	—
Mail <sup>*1, 2</sup>	Received messages	Up to 2,500
	Sent messages	Up to 500
	Unsent messages	Up to 200
Area Mail	Up to 30	Up to 15
Bookmark <sup>*3</sup>	Up to 200	—
Screen memo <sup>*1, 3</sup>	Up to 100	Up to 100
Music <sup>*1</sup>	Chaku-uta full	Up to 100
	Uta-moji Lyrics	Up to 100
i-αppli <sup>*1, 4</sup>	Up to 100	—
Images <sup>*1</sup>	Up to 3000	—
Moving picture/i-motion/ Sound recorded with Sound recorder <sup>*1</sup>	Up to 200	—
Melodies <sup>*1</sup>	Up to 500	—
Scheduler <sup>*5</sup>	Up to 2,600	—
Notepad	Up to 50	—

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

<sup>\*2</sup> The total number of i-mode mail and SMS.

<sup>\*3</sup> The total number of i-mode and Full Browser.

<sup>\*4</sup> Total number of i-αppli and Message i-αppli. Up to 5 items of Message i-αppli can be saved.

<sup>\*5</sup> Total number of schedules and schedules in i-schedule.

## Specific absorption rate (SAR) of mobile phone

This model F-07C mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

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

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.796 W/kg. There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

The actual SAR of this mobile phone while operating can be well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device. This mobile phone can be used in positions other than against your ear. This mobile phone satisfies the international guidelines when used with a carrying case or a wearable accessory approved by NTT DOCOMO, INC. (\*2)

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

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

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

[http://www.who.int/docstore/peh-emf/publications/facts\\_press/fact\\_english.htm](http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm)

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

Ministry of Internal Affairs and Communications

Website: <http://www.tele.soumu.go.jp/e/sys/ele/index.htm>

Association of Radio Industries and Businesses

Website: <http://www.arib-emf.org/index02.html> (in Japanese only)

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

FUJITSU LIMITED Website:

<http://www.fmwworld.net/product/phone/sar/> (in Japanese only)

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

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

## Declaration of Conformity

● ● ● The product "F-07C" is declared to conform with the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1(a), 3.1(b) and 3.2. The Declaration of Conformity can be found on <http://www.fmwORLD.net/product/phone/doc/> (In Japanese only).

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

Your mobile phone is a radio transceiver, designed and manufactured not to exceed the SAR\* limits\*\* for exposure to radio-frequency(RF) energy, which SAR\* value, when tested for compliance against the standard was 0.944W/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 operation positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the

closer you are to a base station antenna, the lower the power output.

## Federal Communications Commission (FCC) Notice

- This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
  - ① this device may not cause harmful interference, and
  - ② this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications made in or to the radio phone, not expressly approved by the manufacturer, will void the user's authority to operate the equipment.

## FCC RF Exposure Information

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

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

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions as accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the

phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output level of the phone.

Before a phone model is available for sale to the public, it must be tested and certified to prove to the FCC that it does not exceed the limit established by the U.S. government-adopted requirement for safe exposure. The tests are performed on position and locations (for example, at the ear and worn on the body) as required by FCC for each model. The highest SAR value for this model phone as reported to the FCC, when tested for use at the ear, is 0.730W/kg, and when worn on the body, is 0.521W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements).

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

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Equipment Authorization Search section at <http://www.fcc.gov/oet/ea/fccid/> (please search on FCC ID VQK-F07C).

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

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

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

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

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

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

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

## Important Safety Information

### **AIRCRAFT**

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

### **DRIVING**

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

### **HOSPITALS**

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

### **PETROL STATIONS**

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

### **INTERFERENCE**

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

#### **Pacemakers**

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

### **Hearing Aids**

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

#### **For other Medical Devices :**

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



Wi-Fi Alliance® conducts an authentication test based on Wireless LAN specification IEEE802.11 to guarantee the mutual connectivity of wireless LAN device. Products which passed the test are authorized as "Wi-Fi Certified™" and their mutual connectivity with products bearing Wi-Fi logos is guaranteed.

## ✦ Contents of certification

### ■ IEEE Standard \*1

- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n

### ■ Security \*2

- WEP (WEP key : 64/128 bit)
- WPA™ - Personal (WPA-PSK) (TKIP/AES)
- WPA2™ - Personal (WPA2-PSK) (TKIP/AES)
- WPA™ - Enterprise (WPA) (TLS/PEAP) (TKIP/AES)
- WPA2™ - Enterprise (WPA2) (TLS/PEAP) (TKIP/AES)
- IEEE 802.1X (TLS/PEAP)

\*1 Standard which becomes the base of Wi-Fi certification based on wireless LAN specification IEEE802.11.

### \*2 WEP key

Key information which is used for data encryption for data transmission. Because same security key (WEP key) is used for encryption/decryption, setting the identical security key (WEP key) with the party you try to communicate is needed.

### WPA™ (Wi-Fi Protected Access)

It is security standard designed by Wi-Fi Alliance®. In addition to existing network name (SSID) and security key (WEP key), user authentication function and encryption protocol are used to strengthen the security.

### WPA2™ (Wi-Fi Protected Access2)

It is a new version of WPA designed by Wi-Fi Alliance®. It is compatible with AES encryption stronger than WPA.

### WPA- Personal/WPA2- Personal

It is a simplified authentication method for mutual authentication when preset text strings match between the wireless LAN access point and client.

## WPA- Enterprise/WPA2- Enterprise

It is an authentication method by RADIUS of device or user linking with IEEE 802.1X sever.

### TKIP

It is an encryption method used for WPA. Although encryption algorithm is RC4 as well as WEP, encryption key is varied by 1 packet to heighten the security level.

### AES (Advanced Encryption Standard)

For encryption algorithm, "Rijndael" developed by encryption developer in Belgium is used. Data is encrypted separating by fixed block length. For the data length 128, 192 and 256 bit are supported and for the key length 128, 192 and 256 bit are supported. So that security strength is extremely high.

### TLS

It is an authentication protocol of IEEE 802.1X. TLS authenticates using electronic certification.

### PEAP (Protected Extensible Authentication Protocol)

It is an authentication protocol of IEEE 802.1X. PEAP authenticates using electronic certification and ID/password. IEEE 802.1X

It is an IEEE standard protocol for specifying user authentication method on network. Client cannot access the network unless mutual authentication to RADIUS server is succeeded. When mutual authentication between client and RADIUS server is succeeded, security key is issued per session automatically and delivered to the client. Therefore, it is unnecessary to set security key individually on the wireless LAN client. Also the security key is changed automatically during communication to heighten security. For authentication types, there are TLS using electronic certification and PEAP using electronic certification and user name/password.

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

## Others

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- This product is equipped with the technologies of GestureTek, Inc.  
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Please ask checking/changing subscription detail, application of various services and request of various information materials online.

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

**No packet communication charges**

\* In Japanese only

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

\* In Japanese only

- \* You need your "Network security code" to use the site from i-mode.
- \* No packet communication charge applies to access the site from i-mode. Packet communication charge applies to access from overseas.
- \* You need "docomo ID/Password" to access the site from your PC.

- \* If you do not have or forget "Network security code" or "docomo ID/Password", contact to the numbers for "General Inquiries" on the last page of this manual.
- \* You may not use the services depending on your subscription.
- \* There are cases where the site may not be available to system maintenance, etc.



### Using mobile phone with your manners!

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

#### **Always turn OFF your FOMA terminal in cases below**

- In a place where use of mobile phones is prohibited
- ・ Always turn OFF your FOMA terminal in an aircraft or hospital.

#### **Always set Public mode in cases below**

- When driving
  - ・ Using a mobile phone by holding it with the hand while driving is subject to penalty.
- In public places such as a theater, movie theater or art museum

#### **Consider privacy**



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



### DOCOMO's environmental effort

#### **Fewer pages in the instruction manual**

In Japanese version, instruction manual covers instructions only for basic functions to reduce pages and paper usage.

For frequently-used functions and their details, see 使いかたガイド (Guide) (installed in this FOMA terminal, in Japanese only) or visit NTT DOCOMO website.

#### **Recycle of mobile phones**



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

**General Inquiries**  
**<docomo Information Center>**

**☎ 0120-005-250 (toll free)**

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

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

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

**☎ (No prefix) 151 (toll free)**

- \* Unavailable from land-line phones, etc.

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

**☎ 0120-800-000 (toll free)**

- \* Unavailable from part of IP phones.

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

- Please confirm the phone number before you dial.
- For Applications or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo shop etc. near you on the NTT DOCOMO website or the i-mode site.
- ▶ NTT DOCOMO website <http://www.nttdocomo.co.jp/english/>
- ▶ i-mode site iMenu⇒お客様サポート (user support)⇒ドコモショップ (docomo Shop) \* In Japanese only

**Loss or theft of FOMA terminal or payment of cumulative cost overseas**  
**<docomo Information Center>**

**(available 24 hours a day)**

■ **From DOCOMO mobile phones**

**International call access code  
for the country you stay**

**-81-3-6832-6600\* (toll free)**

- \* You are charged a call fee to Japan when calling from a land-line phone, etc.
- ※ If you use F-07C, you should dial the number +81-3-6832-6600 (to enter '+', press and hold the '0' key for at least one second).

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

**Universal number  
international prefix**

**-8000120-0151\***

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

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



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

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



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.

**Repairs**

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

**☎ (No prefix) 113 (toll free)**

- \* Unavailable from land-line phones, etc.

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

**☎ 0120-800-000 (toll free)**

- \* Unavailable from part of IP phones.

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

**Failures encountered overseas**  
**<Network Support and Operation Center>**

**(available 24 hours a day)**

■ **From DOCOMO mobile phones**

**International call access code  
for the country you stay**

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

- \* You are charged a call fee to Japan when calling from a land-line phone, etc.
- ※ If you use F-07C, you should dial the number +81-3-6718-1414 (to enter '+', press and hold the '0' key for at least one second).

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

**Universal number  
international prefix**

**-8005931-8600\***

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

**Sales: NTT DOCOMO, INC.**  
**Manufacturer: FUJITSU LIMITED**

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CA92002-6362

# Manual for PC Connection

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## About Manual for PC Connection

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

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

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

# Data Communication

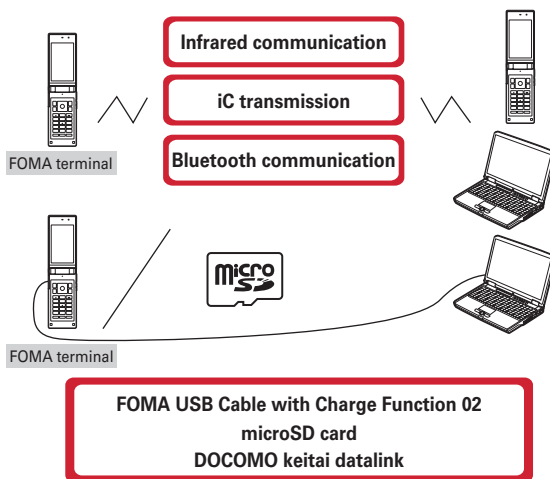
**There are 3 communication modes available by connecting FOMA terminal and a PC : data transfer (OBEX™ communication), packet communication and 64K data communication.**

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

## ❖ Data transfer (OBEX™ communication)

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

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



## ❖ Packet communication

You can connect to the Internet and perform data communication (packet communication). Packet communication charges are based on the amount of data sent and received, which makes it suitable for high-speed exchange of comparatively small amounts of data as in sending and receiving mail. No communication charges are required when no data are exchanged even if you are connected to the network. Therefore, sending/receiving data as needed while remaining connected to the network is possible.

High-speed packet communication can be performed at a maximum reception speed of 7.2Mbps and a maximum transmission speed of 5.7Mbps or 384kbps by using access points that support FOMA packet communication such as mopera U of DOCOMO's Internet connection service. Best effort method which the actual communication speed varies with the environment and the rate of congestion offers.

Note that communications of large-size data such as viewing websites containing images and downloading will require high charges.

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

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

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

## ❖ 64K data communication

You can connect to the Internet and perform 64K data communication.

Communication charges are based on the duration of the connection to the network regardless of the volume of data, which makes it suitable for sending and receiving relatively large amounts of data as in downloading multi-media contents.

Access points that support FOMA 64K data communication services such as mopera U of DOCOMO's Internet connection service or ISDN synchronized 64K access points can be used.

Please be careful that a high cost will be charged for long-time communications.

## Before use

### ◆ Operating environment

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

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

\* For operating environment of using DOCOMO Connection Manager.

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

### ◆ Devices required

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

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

\* Download from NTT DOCOMO website.

### ✓ INFORMATION

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

## ◆ Usage precautions

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### ❖ Internet service provider usage charges

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

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

### ❖ Dialup connection (Provider etc.)

---

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

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

### ❖ User authentication

---

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

### ❖ Access authentication during using PC browser

---

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

### ❖ Conditions of packet communication and 64K data communication

---

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

- You must be within the FOMA service area.
- Packet communication requires an access point that supports FOMA packet communications.
- 64K data communication requires a dialup connection that supports FOMA 64K data communications or ISDN synchronized 64K.
- For Bluetooth connection, a PC requires compatible with up to Bluetooth Standard Ver. 2.1 + EDR (dialup networking profiles) supporting dialup networking profile.
- Wi-Fi connection requires a PC compatible with Wireless LAN Standard IEEE 802.11b or IEEE 802.11g.
- \* Note that even when the above requirements are satisfied, you may not be able to perform data communication if base station traffic is heavy or the radio wave conditions are poor.

## ◆ Introduction of DOCOMO keitai datalink

---

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

<http://datalink.nttdocomo.co.jp/>

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

## Flow of setup for data transfer (OBEX™ communication)

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

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

Data transfer

## Flow of setup for data communication

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

For USB cable connection

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

② Connecting FOMA terminal to a PC→P6

③ Confirming FOMA communication configuration file (driver)→P7

For Bluetooth connection

① Preparing for Bluetooth connection→P8

② Checking modem→P9

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

Setting data communication by DOCOMO Connection Manager

Setting communications without using DOCOMO Connection Manager→P15

Performing communication

## Wi-Fi connection (packet communication only)

### Setting the FOMA terminal to the AP mode

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



### Setting the connection→P25



### Performing communication

## ◆ Precautions for installation/uninstallation

---

- Before starting operation, make sure that no other program is running and exit the program if any.
- \* Exit any resident programs on Windows including antivirus software.  
Example : Right-click the icon displayed in the task bar, click "閉じる (Close)" or "終了 (End)".
- For installing/uninstalling FOMA communication configuration file (driver) or DOCOMO Connection Manager, make sure that a user with administrator's privilege performs the operation. Installing/uninstalling the software by other users may produce an error. For details on PC administrator privileges, contact your PC manufacturer or Microsoft Corporation.
- When "ユーザーアカウント制御 (User account control)" screen is appeared, perform the following operations (it does not appear on Windows XP).
  - Windows 7 : Click "はい (Yes)", or enter password and click "OK".
  - Windows Vista : Click "許可 (Permit)" or "続行 (Continue)", or enter password and click "OK".
- For operations of a PC, settings of administrator privileges, etc., refer to the Instructions Manual of the PC.




# Connecting up PC to the FOMA terminal

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

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

## ◆ Inserting USB cable

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

## ❖ Removing USB cable

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

### ✓ INFORMATION

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

# Installing FOMA communication configuration file (driver)

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

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

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

[http://www.nttdocomo.co.jp/support/utilization/application/foma/com\\_set/driver/index.html](http://www.nttdocomo.co.jp/support/utilization/application/foma/com_set/driver/index.html)

- Before downloading, check model name of FOMA terminal.

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

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

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

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

- Connect FOMA terminal while the power is ON.

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


## ◆ Confirming FOMA communication configuration file (driver)

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

<Example> Checking on Windows 7

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

**Under Windows Vista**

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

**Under Windows XP**

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

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

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

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

-ポート(COMとLPT) (Port (COM and LPT)) :

FOMA F09C Command Port (COMx)\*

FOMA F09C OBEX Port (COMx)\*

-モデム (Modem) : FOMA F09C

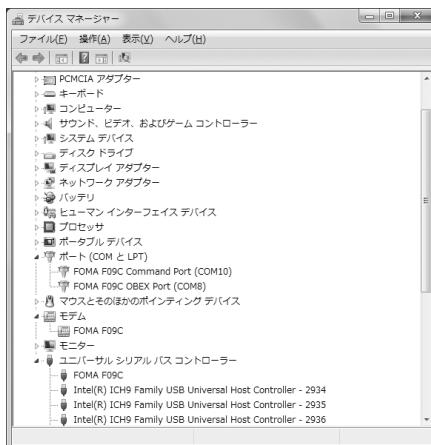
-ユニバーサルシリアルバスコントローラー

(Universal Serial Bus Controller) or USB

(Universal Serial Bus) コントローラ

(Controller) : FOMA F09C

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



## ◆ Uninstalling FOMA communication configuration file (driver)

- Before operating, refer to "Precautions for installation/uninstallation".→P5
- Before operating, remove FOMA terminal from the PC.

<Example> Uninstalling the driver under Windows 7, Windows Vista

## 1 Click (Start)→"コントロールパネル (Control panel)"→"プログラムのアンインストール (Uninstall programs)" in the "プログラム (Programs)" category.

Under Windows XP

Click "スタート (Start)"→"コントロールパネル (Control panel)"→"プログラムの追加と削除 (Add/delete Programs)".

## 2 Select "FOMA F09C USB Driver" or "FOMA F09C USB" and click "アンインストールと変更 (Uninstall and change)" (for Windows XP, "変更と削除 (Change and delete)").

## 3 Confirm that "FOMA F09C Uninstaller" is displayed and click "はい (Yes)". The uninstall process starts.



## 4 If the "ドライバを削除しました (Driver deleted)" screen appears, click "OK".

### ✓INFORMATION

- When "FOMA F09C USB Driver" or "FOMA F09C USB" is not displayed on the deletion screen, execute the operations in "Installing FOMA communication configuration file (driver)" again and uninstall.→P7

## Preparing for Bluetooth® connection

**You can make data communication by connecting a PC compatible with Bluetooth and FOMA terminal using Bluetooth.**

- For operations of a PC, refer to the instructions manual of the PC you use.
- If the FOMA terminal is put on Bluetooth connection standby,  (blue) appears on the stand-by display.  
If the FOMA terminal and a PC are successfully connected in Bluetooth,  (blue) blinks.

### ◆ Registering a PC to the FOMA terminal

Register a PC for connecting to FOMA terminal with Bluetooth connection for the first time.

- Depending on the PC environment, Bluetooth passkey may be required.

#### 1 On FOMA terminal, .

The FOMA terminal starts the registration waiting and returns to the stand-by display.

#### 2 On a PC, search for the FOMA terminal and register a device.

- Perform while the FOMA terminal is in the registration waiting.
- By some PC instruction manual, "探索 (Quest)" or "サーチ (Search)" may be used instead of "検索 (Retrieve)", or "ペアリング (Pairing)" may be used instead of "機器登録 (Registering device)".

#### 3 When a pass key authentication screen appears, select "はい (Yes)".

- Select "はい (Yes)" when the connection confirmation screen is displayed.
- After the PC is registered as a device and the registration is completed, the FOMA terminal returns to the stand-by display in the registration waiting state. Perform settings/operations on the PC as required.

#### For entering Bluetooth passkey

Enter Bluetooth pass key (one-byte number 4 - 16 digit)  [OK]

- Enter the same Bluetooth passkey on FOMA terminal and a PC.
- When a confirmation screen of the default connection device (audio) setting appears, select "No".

### ✓ INFORMATION

- When registering FOMA terminal in a PC, distinguish FOMA terminal by the name of device if the PC recognizes plural devices. When the PC recognizes many devices of the same name, distinguish by the address of device.

### ◆ Connecting to a registered PC

When connecting a registered PC to FOMA terminal using Bluetooth, set the FOMA terminal in connecting stand-by.

#### 1 On FOMA terminal, .

#### 2 Move the cursor to [Accept registered] → [Type] → Mark "Dial-up(DUN)" to → [Confrm].

The FOMA terminal starts the registration waiting and returns to the stand-by display.

- When other Bluetooth device is connected, a confirmation screen for asking whether to disconnect the device in connection and start the registration waiting.


#### 3 Operate for connecting on the PC.

## ◆ Checking modem


Confirm the name of modem used on a PC or COM port number set for dialup connection.

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

<Example> Checking on Windows 7

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

**Under Windows Vista**

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

**Under Windows XP**

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

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

**2** Double-click the type of each device→Confirm the modem name or COM port number.

- Modem name or COM port number is shown under "モデム (Modem)", "ポート (COMとLPT) (Port (COM and LPT))".

## Using DOCOMO Connection Manager

DOCOMO Connection Manager is convenient software to use flat-rate data communication or pay-as-you-go data communication. You can easily subscribe to mopera U and make a PC setting according to your subscription status.

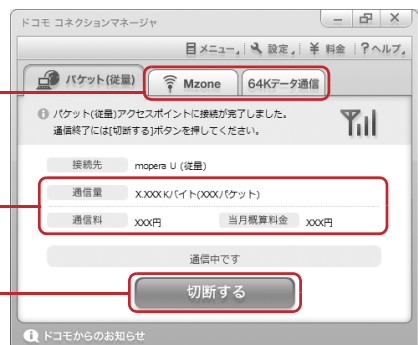
Also, you can check an estimate of data communication volume or usage fees by the charge counter function.

In this manual, the method of installing DOCOMO Connection Manager is explained.

Not displayed in default setting.  
For details, refer to ヘルプ (Help)  
of ドコモ コネクションマネージャ  
"DOCOMO Connection Manager".

Fee counter

Connect/Disconnect button



- For Internet connection with FOMA terminal, you need to subscribe to Internet service provider (mopera U etc.) applicable to services and data communication.  
For details, refer to DOCOMO website.

## ✓INFORMATION

### Using pay-as-you-go data communication (including i-mode flat-rate packet communication services)

- Note that communications of large-size data such as viewing websites containing images using packet communication and downloading (example: updating of application, music, movie, OS or anti-virus software) will require high charges.

Note that FOMA flat-rate packet services such as Pake-hodai and Pake-hodai full are not applied to the data communication by connecting the FOMA terminal to a PC or another device with a USB cable.

### Using flat-rate data plan

- For using of flat-rate data plan, you need to subscribe to Internet service provider applicable to flat-rate data communication charging plan. For details, refer to DOCOMO website.

### Using mopera

- For connection/settings of mopera, refer to mopera website.  
<http://www.mopera.net/mopera/support/index.html>

## ◆ Before installing DOCOMO Connection Manager


Before installing DOCOMO Connection Manager, check the items below and perform to change setting of software/uninstall as required.

- Prepare FOMA terminal and USB Cable (For Bluetooth connection, USB cable is not required).
- Check the contents of subscription for services and Internet service provider.
- If installing connection software except for DOCOMO Connection Manager, change the setting not to be activated automatically as required.→P12 "Using connection software except for DOCOMO Connection Manager"

## ❖ Changing setting of Internet Explorer

- Before installing DOCOMO Connection Manager, set to "ダイヤルしない (No dialing)" for connection setting at "インターネットオプション (Internet option)" field of Internet Explorer in advance.

<Example> Changing under Windows 7, Windows Vista

**1** Click  (Start)→"すべてのプログラム (All programs)"→"Internet Explorer".

Under Windows XP

Click "スタート (Start)"→Select "すべてのプログラム (All programs)" → Click "Internet Explorer".

**2** Click "ツール (Tool)"→"インターネットオプション (Internet option)".

**3** Click "接続 (Connection)" tab→Select "ダイヤルしない (No dialing)".



**4** Click "OK".

## ❖ Using connection software except for DOCOMO Connection Manager

DOCOMO Connection Manager includes same function as that of software below and using together is not required. Perform to change setting not to be activated or uninstall as required.

- mopera U start up tool
- mopera U connection & setting tool
- FOMA PC configuration software
- FOMA Byte counter

To use Mzone (docomo Public wireless LAN service) by DOCOMO Connection Manager, uninstall the following public wireless LAN connection software. And, when installing all at once, Mzone connection cannot be used by DOCOMO Connection Manager.

- U公衆無線LANユーティリティソフト (U public wireless LAN utility software)
- ドコモ公衆無線LANユーティリティソフト (DOCOMO public wireless LAN utility software)
- ドコモ公衆無線LANユーティリティプログラム (DOCOMO public wireless LAN utility program)

## ◆ Installing DOCOMO Connection Manager

### <Example> Installing under Windows 7

#### 1 Download DOCOMO Connection Manager from NTT DOCOMO website.

[http://www.nttdocomo.co.jp/support/utilization/application/service/connection\\_manager/index.html](http://www.nttdocomo.co.jp/support/utilization/application/service/connection_manager/index.html)

- Check OS of your PC and select the applicable file.

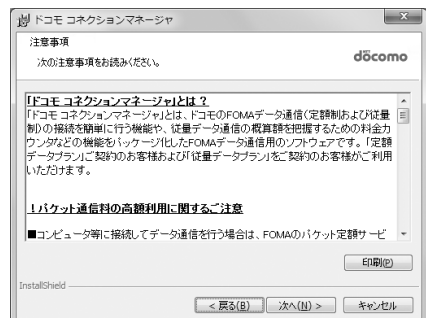
#### 2 Double-click the "dcm\_connect\_mng\_setup.exe" icon.

- When the warning screen of security is displayed, click "実行 (Execute)".

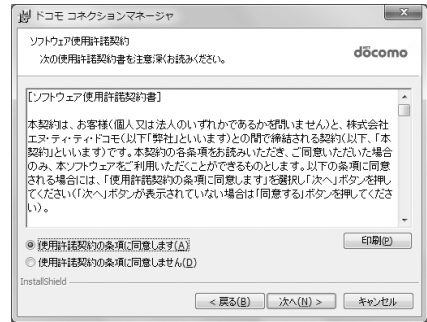
#### 3 Click "次へ (Next)".



#### 4 Confirm "注意事項 (Precautions)" and click "次へ (Next)".

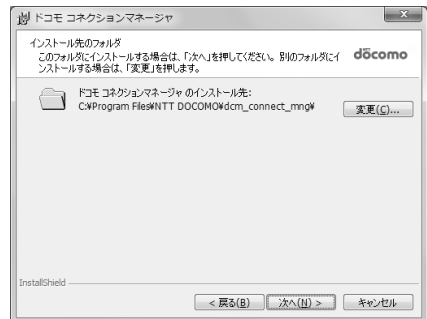


- 5 Confirm the contents of ソフトウェア使用許諾契約 (Software license agreement) and if you agree to the agreement, select "使用許諾契約の条項に同意します (Agree to the clauses of the agreement)" and click "次へ (Next)".**



- 6 Confirm the installing folder and click "次へ (Next)".**

- To change the installation destination, click "変更 (Change)" and specify any installation destination.



- 7 Click "インストール (Install)".**  
Installation starts.





## 8 When the "InstallShieldウィザードを完了しました (InstallShield wizard is completed)" screen appears, click "完了 (Done)".

Installing DOCOMO Connection Manager is completed.




### ✓INFORMATION

- Installation may take a few minutes.
- When a message notifying you to reboot Windows is displayed, follow the instruction of screen and reboot.
- Do not install during data communication.

## ◆ Starting DOCOMO Connection Manager

- Before operating, make sure that a PC and FOMA terminal are properly connected.

<Example> Setting under Windows 7, Windows Vista

- 1 Click  (Start)→"すべてのプログラム (All Programs)"→"NTT DOCOMO"→"ドコモ コネクションマネージャ (DOCOMO Connection Manager)"→"ドコモ コネクションマネージャ (DOCOMO Connection Manager)".

### Under Windows XP

Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"NTT DOCOMO"→"ドコモ コネクションマネージャ (DOCOMO Connection Manager)" and click "ドコモ コネクションマネージャ (DOCOMO Connection Manager)".

DOCOMO Connection Manager starts.

When booting a PC at first time, the setting wizard screen appears automatically.



- According to the setting wizard, perform to set for making data communication connecting to Internet.

After setting, you can perform communication using DOCOMO Connection Manager.

For details, refer to "ドコモ コネクションマネージャ操作マニュアル (DOCOMO Connection Manager operation manual)".

## ✓INFORMATION

- Just exiting the Internet browser or mail software may not disconnect communication. When you do not use communication, be sure to disconnect the communication from "切断する (Disconnect)" button of DOCOMO Connection Manager.
- Please note that if auto update is set for OS update etc., the software is updated automatically and high cost may be charged for the packet communication fee.



## Setting communications without using DOCOMO Connection Manager

The method of dialup connection setup without DOCOMO Connection Manager is explained.

### ◆Flow of dialup network setting

- Flow of setup for data communication→P4
- Before operating, make sure that a PC and FOMA terminal are properly connected.

#### Setting the dialup connection (APN)\*→P16

- When the access point is mopera U or mopera, you do not need to set.



#### Setting Show/Hide caller ID\*→P17

- Set as required.



#### Setting Dialup Network

- Setting for Windows 7, Windows Vista→P19
- Setting for Windows XP→P21

\* Set for packet communication.

Communication software to input AT commands is required for settings.

The method of setting using "ハイパーターミナル (Hyper terminal)" that comes with Windows XP is explained here. Windows 7 and Windows Vista do not support "ハイパーターミナル (Hyper terminal)". For Windows 7 and Windows Vista, set using the software supported by Each OS (Follow the method for the software to be used.).

## ◆ Setting the dialup connection (APN)

### ❖ The dialup connection (APN) and registration number (cid)

The dialup connections (APN) for packet communication can be set for registration numbers (cid) between 1 and 10 in FOMA terminal. By default, "mopera.ne.jp" (APN) to connect to mopera is registered in cid1, "mopera.net" (APN) to connect to mopera U is registered in cid2 and 3, and "mpr.ex-pkt.net" (APN) to connect in 128K communication is registered in cid4. For connecting to other providers or corporate LANs, register APN for cid5-10.

- For the dialup connections (APN), inquire your provider or network administrator.
- For USB cable connection and Bluetooth connection, setting each dialup connections (APN) is required.
- For packet communication, if switching between USB cable connection and Bluetooth connection, setting the dialup connections (APN) is required again.
- The dialup connection settings can be considered as phonebook entries registered for packet communication. The comparison between dialup connection settings and FOMA terminal phonebook is as shown below.

Connection (APN)	Phonebook item
Registration number (cid)	Registration number (Phonebook No.)
Connection name (APN)	Party's name
*99* * * <cid># (packet communication)	Party's phone number

- The registered cid become the connection number in the dialup connection numbers setting.

### ❖ Setting the dialup connection (APN)

<Example> Setting under Windows XP

**1** Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"アクセサリ (Accessories)"→"通信 (Communication)" and click "ハイパーターミナル (Hyper terminal)".

**2** Enter the desired dialup connection name in "名前 (Name)"→Click "OK".

- The following characters (one-byte) cannot be used in "名前 (Name)".  
¥/: \* ? <> | "



### 3 Enter a fictional phone number (such as "0") for "電話番号 (Phone number)" →Select "接続方法 (Connection method)"→Click "OK".

- "市外局番 (Area code)" differs depending on the PC environment. The code does not relate to Dialup connection (APN) setup. So no need to change.
- Set as follows at "接続方法 (Connection method)" field.  
For USB cable connection : Select "FOMA F09C".  
For Bluetooth connection : Select "ご使用の Bluetooth リンク経由標準モデム (Standard modem via Bluetooth link you use)" or "Bluetooth機器メーカーが提供している Bluetooth モデム (Bluetooth modem provided by Bluetooth device manufacturer)".




### 4 Click "キャンセル (Cancel)" on the "接続 (Connect)" screen.

### 5 Enter the dialup connection (APN) in the format "AT+CGDCONT =<cid>, "<PDP\_TYPE>", "<APN>" →

<cid> : Enter any number between 5-10.

<PDP\_TYPE> : IP or PPP

<APN> : Dialup connection (APN)

- +CGDCONT command → P34 "Supplement to AT command"
- If nothing is displayed even when AT command is entered, enter ATE1 and press .



### 6 Confirm that "OK" is displayed and click "ファイル (File)"→Click "ハイパーターミナルの終了 (End HyperTerminal)".

### 7 When confirming disconnection, click "はい (Yes)"→When confirming saving, click "いいえ (No)".

## ◆ Setting Show/Hide caller ID

You can set to show/hide call ID for packet communication at once.

Caller ID is your important information. Take care when deciding to disclose your caller ID.

- If "Not notify" is set when using mopera U or mopera, connection is unavailable.

<Example> Setting under Windows XP

### 1 Perform Step 1 - 4 in "Setting the dialup connection (APN)".


## 2 Enter notify/not notify of caller ID in the format "AT \* DGPIR=<n>" → .

<n> : 0-2

0 : Connect directly (Default)

1 : Connect prefixing 184 (Not notify)

2 : Connect prefixing 186 (Notify)

- If nothing is displayed even when AT command is entered, enter ATE1 and press .



## 3 Confirm that "OK" is displayed and click "ファイル (File)" → Click "ハイパーターミナルの終了 (End HyperTerminal)".

## 4 When confirming disconnection, click "はい (Yes)" → When confirming saving, click "いいえ (No)".

### ❖ Show/Hide caller ID function by dialup network settings

The dialup network settings can also be used to append 186 (Notify)/184 (Not notify) to the dialup connection number.

- The Show/Hide of caller ID when both of the \* DGPIR command and dialup network settings are set is as shown below.

Dialup network setting (<cid>=3)	Setting made by * DGPIR command	No setting	Caller ID is not sent	Caller ID is sent
* 99 * * * 3#		Caller ID is sent	Caller ID is not sent	Caller ID is sent
184 * 99 * * * 3#		Caller ID is not sent		
186 * 99 * * * 3#		Caller ID is sent		

### ◆ Setting dialup network

In this manual, the description takes the case of IP connection to mopera U via packet communication for example.

- When connecting to mopera U or mopera via packet communication, enter the following number in the phone number field.

mopera U (PPP connection) : \* 99 \* \* \* 2#

mopera U (IP connection) : \* 99 \* \* \* 3#


128K communication (PPP connection) : \* 99 \* \* \* 4#

mopera (PPP connection) : \* 99 \* \* \* 1#

- When connecting to mopera U or mopera via 64K data communication, enter the following number in the phone number field to connect to.

mopera U : \* 8701

mopera : \* 9601

- 1** Click  (Start)→"コントロールパネル (Control panel)"→"ネットワークの状態とタスクの表示 (Network status and tasks)" in the "ネットワークとインターネット (Network and Internet)" category.

**Under Windows Vista**

Click  (Start)→"接続先 (Dialup connection)".

- 2** Click "新しい接続またはネットワークのセットアップ (Setup new connection or network)".

**Under Windows Vista**

Click "接続またはネットワークをセットアップします (Set up connection or network)".

- 3** Select "ダイヤルアップ接続をセットアップします (Set up dialup connection)" and click "次へ (Next)".



**When the "どのモデムを使いますか？ (Which modem will you use?)" screen is displayed**

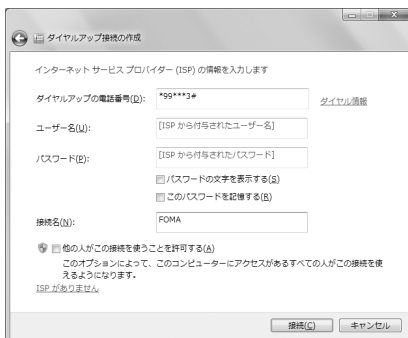
For USB cable connection : Click "FOMA F09C".

For Bluetooth connection : Click "ご使用のBluetoothリンク経由標準モデム (Standard modem via Bluetooth link you use)" or "Bluetooth機器メーカーが提供しているBluetoothモデム (Bluetooth modem provided by Bluetooth device manufacturer)".

- 4** Enter the phone number of the dialup connection in "ダイヤルアップの電話番号 (Dialup phone number)" (" \* 99 \* \* \* <cid> #" for packet communication) with one-byte→Enter "ユーザー名 (User name)"→Enter "パスワード (Password)"→Enter "接続名 (Connection name)" and click "接続 (Connect)".
- <cid> : The number registered in P16 "Setting the dialup connection (APN)"

- In "ユーザー名 (User name)" and "パスワード (Password)", enter the user name and password specified by your provider or network administrator.
- When the access point is mopera U or mopera, you do not need to enter "ユーザー名 (User name)" or "パスワード (Password)".
- You cannot use "." (one-byte period) at the beginning of "接続名 (Connection name)". Also, the following characters (one-byte) cannot be used.

¥/:\*?<> |



## 5 On the connecting screen, click "スキップ (Skip)".

- Only make settings without connecting to the Internet right away.


## 6 On the "接続の使用準備ができました (Preparation for using is completed)" screen, click "閉じる (Close)".

### Under Windows Vista

- ① On the "インターネット接続テストに失敗しました (Failed in Internet connection test)" screen, click "接続をセットアップします (Set up connection)".
- ② Click "閉じる (Close)".

## 7 On the "ネットワークと共有センター (Network and shared center)" screen, click "アダプターの設定の変更 (Change adapter configuration)" appeared on the left of the top.

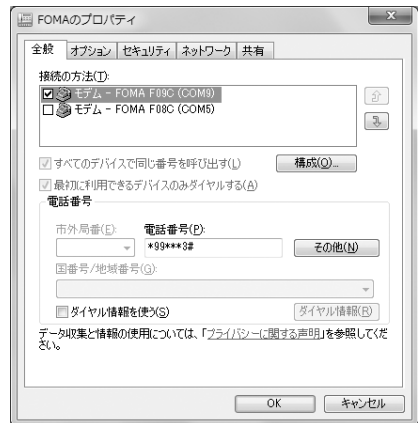
### Under Windows Vista

Click  (Start) → "接続先 (Dialup connection)".

## 8 Right-click the dialup connection created and click "プロパティ (Property)".

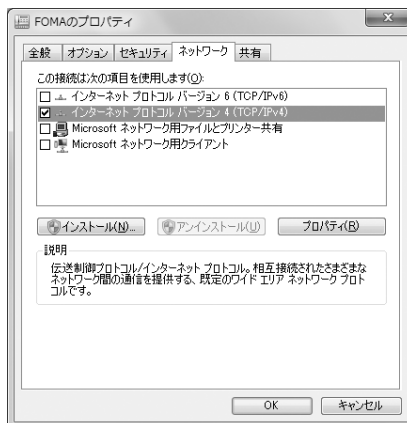
## 9 Confirm the setting of each item in "全般 (General)" tab.

- When multiple modems are connected to a PC, set as follows.  
For USB cable connection : Select only "モデム - FOMA F09C (COM4)" at "接続の方法 (Connection method)" field.  
For Bluetooth connection : Select "モデム - (ご使用のBluetoothリンク経由標準モデム) (Modem- (Standard modem via Bluetooth link you use))" or "モデム - (Bluetooth機器メーカーが提供しているBluetoothモデム) (Modem- (Bluetooth modem provided by Bluetooth device manufacturer))" at "接続の方法 (Connection method)" field.
- Uncheck (☐) other than selected modem.
- COM port number assigned to the modem displayed at "接続の方法 (Connection method)" field differs by the environment of a PC you use.
- Uncheck (☐) "ダイヤル情報を使う (Use dial information)".



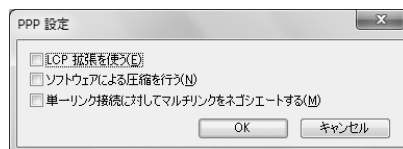
## 10 Click "ネットワーク (Network)" tab→Set each item as shown below.

- Uncheck (☐) "インターネットプロトコルバージョン6 (TCP/IPv6) (Internet Protocol Version 6 (TCP/IPv6))".
- When settings of IP and DNS information have been requested from the provider, etc. select "インターネットプロトコルバージョン4 (TCP/IPv4) (Internet Protocol Version 4 (TCP/IPv4))", click "プロパティ (Property)" and set various information.
- If settings of other items have been requested from the provider, etc., check/uncheck as required.



## 11 Click "オプション (Option)" tab→Click "PPP設定 (PPP settings)".

## 12 Uncheck all items (☐) and click "OK".



## 13 Click "OK".

Performing communication→P24

### ❖ Setting for Windows XP

## 1 Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"アクセサリ (Accessories)"→"通信 (Communication)" and click "新しい接続ウィザード (New connection wizard)".

## 2 On the "新しい接続ウィザードの開始 (Start new connection wizard start)" screen, click "次へ (Next)".

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

## 4 Select "接続を手動でセットアップする (Set up connection manually)" and click "次へ (Next)".

## 5 Select "ダイヤルアップモデムを使用して接続する (Use dialup modem to connect)" and click "次へ (Next)".

When "デバイスの選択 (Device selection)" screen is displayed

For USB cable connection : Select "モデム-FOMA F09C (Modem-FOMA F09C)" and click "次へ (Next)".

For Bluetooth connection : Select "モデム- (ご使用のBluetoothリンク経由標準モデム) (Modem- (Standard modem via Bluetooth link you use))" or "モデム- (Bluetooth機器メーカーが提供しているBluetoothモデム) (Modem- (Bluetooth modem provided by Bluetooth device manufacturer))" and click "次へ (Next)".



## 6 Enter the desired dialup connection name in "ISP名 (ISP name)"→Click "次へ (Next)".

- You cannot use "." (one-byte period) at the beginning of "ISP名 (ISP name)". Also, the following characters (one-byte) cannot be used.  
¥/:\*?<>|"

## 7 Enter the phone number of the dialup connection in "電話番号 (Phone number)" (" \* 99 \* \* \* <cid>#" for packet communication) with one-byte→Click "次へ (Next)".

<cid> : The number registered in P16 "Setting the dialup connection (APN)"

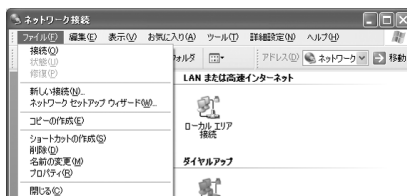
## 8 Enter "ユーザー名 (User name)"→Enter "パスワード (Password)"→Enter "パスワードの確認入力 (Password confirmation entry)"→Select all items as shown below and click "次へ (Next)".

- In "ユーザー名 (User name)" and "パスワード (Password)", enter the user name and password specified by your provider or network administrator.
- When the access point is mopera U or mopera, you do not need to enter "ユーザー名 (User name)", "パスワード (Password)" or "パスワードの確認入力 (Password confirmation entry)".

## 9 On the "新しい接続ウィザードの完了 (New connection wizard is completed)" screen, click "完了 (Done)".

## 10 Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"アクセサリ (Accessories)"→"通信 (Communication)" and click "ネットワーク接続 (Network connection)".

# 11 Select the created dialup connection icon and click "ファイル (File)"→Click "プロパティ (Property)".



# 12 Confirm the setting of each item in "全般 (General)" tab.

- When plural modems are connected to a PC, set as follows.

For USB cable connection : Select only "モデム - FOMA F09C (Modem-FOMA F09C)" at "接続方法 (Connection method)" field.

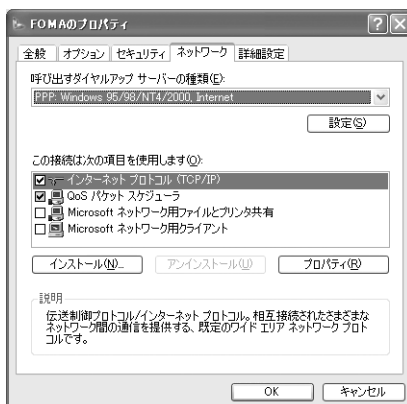
For Bluetooth connection : Select "モデム - (ご使用のBluetoothリンク経由標準モデム) (Modem-(Standard modem via Bluetooth link you use))" or "モデム - (Bluetooth機器メーカーが提供しているBluetoothモデム) (Modem-(Bluetooth device manufacturer))" at "接続方法 (Connection method)" field.

- Uncheck ☐ other than selected modem.
- COM port number assigned to the modem displayed at "接続方法 (Connection method)" field differs by the environment of a PC you use.
- Uncheck ☐ "ダイヤル情報を使う (Use dial information)".



# 13 Click "ネットワーク (Network)" tab→Set each item as shown below→Click "設定 (Settings)".

- When settings of IP and DNS information have been requested from the provider, etc. select "インターネットプロトコル (TCP/IP) (Internet protocol (TCP/IP))", click "プロパティ (Property)" and set necessary information.
- Since "QoSパケットスケジューラ (QoS packet scheduler)" settings in "この接続は次の項目を使用します (This connection uses the following items)" can not be changed, leave it as is.



# 14 Uncheck all items (☐) and click "OK".



## 15 Click "OK".

Performing communication→P24

## ◆ Performing communication via dialup connection

Starting communication and disconnection are explained here.

<Example> Under Windows 7


### 1 Connect FOMA terminal to a PC.

For USB cable connection→P6

For Bluetooth connection→P9

### 2 Click (Start)→"コントロールパネル (Control panel)"→"インターネットへの接続 (Connect to the Internet)" in the "ネットワークとインターネット (Network and Internet)" category.

Under Windows Vista

Click  (Start)→"接続先 (Dialup connection)"→Select the dialup connection and click "接続 (Connect)".→Go to Step 4

Under Windows XP

Click "スタート (Start)"→Select "すべてのプログラム (All programs)"→"アクセサリ (Accessories)"→"通信 (Communication)" and click "ネットワーク接続 (Network connection)"→Double-click the connection icon.→Go to Step 4

### 3 Select the dialup connection and click "次へ (Next)".

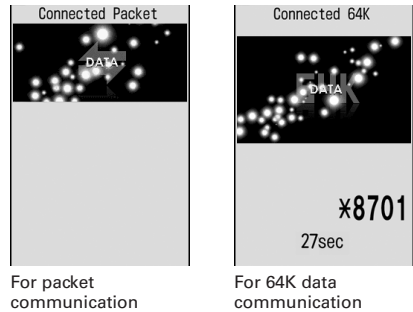
### 4 Enter "ユーザー名 (User name)"→Enter "パスワード (Password)"→Click "ダイヤル (Dial)".

- In "ユーザー名 (User name)" and "パスワード (Password)", enter the user name and password specified by your provider or network administrator.
- When using mopera U or mopera, you do not need to enter "ユーザー名 (User name)" or "パスワード (Password)".
- When "ユーザー名 (User name)" was entered or "パスワード (Password)" was saved while settings, these entries are no longer necessary.
- Click "OK" when the connection established screen is displayed.



## ✓INFORMATION

- FOMA terminal displays a connecting screen when you execute packet communication or 64K data communication. The following screens are displayed when a connection has been established.



- The communication speed displayed on your PC may differ from actual speed.
- The communication is available only with FOMA terminal that was connected when the dialup network was set.


## ❖ Disconnecting communication

Just exiting the PC browser may not disconnect communication. To ensure disconnection, perform the following operation.

<Example> Under Windows 7

- 1 Click  on the task tray → Connection name to disconnect → "切断 (Disconnect)".

Under Windows Vista

Right-click  in the task tray → Select "切断 (Disconnect)" and click the dialup connection to disconnect.

Under Windows XP


Click dial-up icon in the task tray → Click "切断 (Disconnect)".

## Connecting to a Wi-Fi compatible PC

Even out of public wireless LAN area, you can perform packet communication with connecting a Wi-Fi compatible PC to use FOMA terminal as an access point.

- Switch FOMA terminal to AP mode ON in advance. For AP mode settings, refer to "Instruction manual (detailed version) (in Japanese only)" (PDF file) of the FOMA terminal.

<Example> Under Windows 7

- 1 Click  (Start) → "コントロールパネル (Control panel)" → "ネットワークの状態とタスクの表示 (Network status and tasks)" in the "ネットワークとインターネット (Network and Internet)" category.

Under Windows Vista

Click  (Start) → "接続先 (Dialup connection)".

- 2 Click "新しい接続またはネットワークのセットアップ (Setup new connection or network)".

Under Windows Vista

Click "接続またはネットワークをセットアップします (Set up connection or network)".

### 3 Select "ワイヤレスネットワークに手動で接続します (Connect to Wireless network manually)" and click "次へ (Next)".

- To make wireless connection for the first time, on the "ワイヤレスネットワークに手動で接続します (Connect to wireless network manually)" screen, change ワイヤレスアダプタ (Wireless adapter) to "ワイヤレスネットワーク接続 (Wireless network connection)" and click "次へ (Next)".


### 4 Enter network information and click "次へ (Next)".

- Set it to the same as "無線設定 (Wireless settings)" of the FOMA terminal.
  - ネットワーク名 (Network name) : Enter the SSID set for the FOMA terminal.
  - セキュリティの種類 (Security type), 暗号化の種類 (Encryption type) : Set "認証方式 (Authentication method)" information in the FOMA terminal. In "認証方式 (Authentication method)", it is described in the format combining "セキュリティの種類 (Security type)" and "暗号化の種類 (Encryption type)" settings. Select a corresponding setting. "パーソナル (Personal)" in "セキュリティの種類 (Security type)" is the same meaning as "PSK".
  - セキュリティキー (Security key) (For Windows Vista, "セキュリティキーまたはパスフレーズ (Security key or pass phrase)" : Enter encryption key (WEP or PSK).


### 5 Click "閉じる (Close)".

#### ■ To re-execute communication via Wi-Fi connection after disconnection

##### Under Windows 7

 (Start)→"コントロールパネル (Control panel)"→"ネットワークの状態とタスクの表示 (Network status and tasks)" in the "ネットワークとインターネット (Network and Internet)" category→On the "ネットワークと共有センター (Network and sharing center)" screen, "ネットワークに接続 (Connect to network)"→Click a connection name on the screen→Click "接続 (Connect)".

##### Under Windows Vista

 (Start)→"接続先 (Connection point)"→Select a connection point and click "接続 (Connect)".

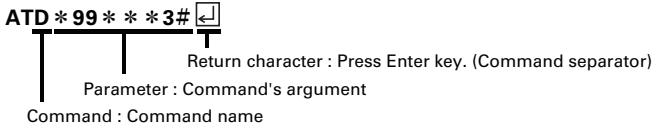
# AT command

AT commands are commands for setting FOMA terminal functions using a PC. FOMA terminals comply with AT commands and support some extended commands and proprietary AT commands.

## ❖ AT command input format

"AT" must be entered before each AT command. Commands must be entered in one-byte alphanumeric characters.

<Example> Connecting to mopera U with ATD command



AT commands and their parameters must be entered on a single line. All the characters from the first character until the character directly preceding `#` must be entered on a single line. Each line can be up to 256 characters including "AT".

## ❖ AT command input mode

To operate FOMA terminal using AT commands, a PC must be in terminal mode. Terminal mode is a mode that lets the PC operate as a single communication terminal. When terminal mode is set, the characters entered from the keyboard are sent directly to the communication port to operate FOMA terminal.

- **Offline mode**

FOMA terminal is in stand-by. FOMA terminal must be in stand-by status to use AT commands to control it.

- **Online data mode**

FOMA terminal is communicating. If you enter AT commands when FOMA terminal is performing communication, the sent characters are sent directly to the communication receiver and may cause the receiver's modem to malfunction. Do not enter AT commands while FOMA terminal is performing communication.

- **Online command mode**

AT commands can be used even when FOMA terminal is in communication mode. These operations make it possible to execute AT commands without interfering with the connection to the communication receiver, and normal communication can continue after the commands have finished executing.

### Switching between online data mode and online command mode

To switch FOMA terminal from online data mode to online command mode, you can use either of the following procedures.

- Enter `+++` command or code set in the S2 register.
- Turn the RS-232C<sup>®</sup> ER signal OFF when set in "AT&D1".

\* The USB or Bluetooth interface emulates an RS-232C signal line so RS-232C signal control using communication applications is possible.

To switch from online command mode to online data mode, enter "ATO`#`".

## ✓ INFORMATION

- When making a call or sending an AT command from external device, it is sent from Number A with 2in1 in Dual mode or A mode, and from Number B in B mode.













## ◆ List of AT command

- The followings are AT command that can be used via the FOMA F09C (Modem).
- Entering "¥" may cause "\" to appear depending on the font setting for a PC or communication software.
- If the battery pack is removed from FOMA terminal before the terminal power is turned off, the setting values may not be recorded.

Upper slot : Command Lower slot : Example	Description
<b>A/</b>	Execute the previously executed command again.
A/ OK	When previous response is "ERROR", "ERROR" is returned.
<b>AT</b>	Use commands on this list by prefixing to commands other than A/ or +++. When using only this command, "OK" is returned with FOMA terminal enabled for using AT commands.
AT OK	
<b>ATA</b>	Perform the receiving process when entered while receiving a packet communication or 64K data communication.
RING ATA CONNECT	The following commands can be entered when receiving a packet communication. ATA184 : Handling of incoming calls : Send caller ID function OFF ATA186 : Handling of incoming calls : Send caller ID function ON
<b>ATD</b>	ATD * 99 * * * <cid># : Performs calling process for packet communication.
ATD * 99 * * * 1# CONNECT 460800	If <cid> or * * * <cid> is omitted, <cid>=1 is set. ATD [parameter] [phone number] : Perform calling process for 64K data communication. Calling process is not permitted if phone number contains characters other than the following. 0-9, *, #, A, a, B, b, C, c The following characters and a space can be entered but are not recognized in dialing. ,(comma), !, -, @, D, d, P, p, T, t, W, w Setting Show/Hide caller ID is enabled by inserting 186 or 184 after ATD. ATDN or ATDL can be used for redial calling.
<b>ATE&lt;n&gt;*</b>	Set whether FOMA terminal will return echo for command sent from a PC.
ATE1 OK	n=0 : Echo OFF    n=1 : Echo ON (default) Normal usage is n=1. If the PC has an echo function, setting this command to n=0 prevents double display of characters.
<b>ATH</b>	Disconnect line when entered during a communication.
ATH NO CARRIER	Execute in online command mode.→P27
<b>ATI&lt;n&gt;</b>	Display the confirmation code.
ATI0 NTT DoCoMo OK	n=0 : "NTT DoCoMo"    n=1 : Display model name of FOMA terminal n=2 : Display version of FOMA terminal    n=3 : Display elements of ACMF signals n=4 : Display details of functions that can be communicated by FOMA terminal in numeric
<b>ATO</b>	Return from online command mode to online data mode during communication.
ATO CONNECT 460800	
<b>ATQ&lt;n&gt;*</b>	Set whether to display result code.
ATQ0 OK	n=0 : Display (default)    n=1 : Not display When ATQ1 is executed, "OK" is not returned.
<b>ATS0=&lt;n&gt;*</b>	Set number of rings until FOMA terminal receives communication automatically.
ATS0=0 OK	n=0 : Not receive automatically (default) n=1-255 : Receive automatically with specified number of rings ATS0? : Display current settings
<b>ATS2=&lt;n&gt;</b>	Set escape character.
ATS2=43 OK	n=0-127 (default : n=43)    When n=127 is set, escape is unavailable. ATS2? : Display current settings
<b>ATS3=&lt;n&gt;</b>	Set the carriage return (CR) character that identifies the end of AT command character string. Appended to end of echoed command character string and result code.
ATS3=13 OK	n=13 (fixed value) ATS3? : Display current settings

Upper slot : Command Lower slot : Example	Description
<b>ATS4=&lt;n&gt;</b> ATS4=10 OK	Set the line feed (LF) character. When result code is displayed as alphabetic characters, appends the character after the carriage return (CR) character. n=10 (fixed value) ATS4? : Display current settings
<b>ATS5=&lt;n&gt;</b> ATS5=8 OK	Set the back space (BS) character. When this character is detected during command input, the last character in the input buffer is deleted. n=8 (fixed value) ATS5? : Display current settings
<b>ATS6=&lt;n&gt;</b> ATS6=5 OK	Set pause time (seconds) until dialing commences but do not operate. n=2-10 (default : n=5) ATS6? : Display current settings
<b>ATS8=&lt;n&gt;</b> ATS8=3 OK	Set pause time (seconds) until commas are dialed but do not operate. n=0-255 (default : n=3) ATS8? : Display current settings
<b>ATS10=&lt;n&gt;</b> *1 ATS10=1 OK	Set the delay time (1/10 seconds) for automatic disconnection but do not operate. n=1-255 (default : n=1) ATS10? : Display current settings
<b>ATS30=&lt;n&gt;</b> ATS30=0 OK	Set a period of time (minutes) with no data transmission/reception to terminate the connection for 64K data communications. n=0-255 : (default : n=0, n=0 indicates that inactive timer is set to OFF.) ATS30? : Display current settings
<b>ATS103=&lt;n&gt;</b> ATS103=1 OK	Set the separator of received sub addresses for 64K data communication. n=0 : *    n=1 : / (default)    n=2 : ¥ or \ ATS103? : Display current settings
<b>ATS104=&lt;n&gt;</b> ATS104=1 OK	Set the separator of sent sub addresses for 64K data communication. n=0 : #    n=1 : % (default)    n=2 : & ATS104? : Display current settings
<b>ATV&lt;n&gt;</b> *1 ATV1 OK	Set result code display method. n=0 : Number display    n=1 : Alphabetical display (default) When ATV0 is executed, "0" is not returned to the same line.
<b>ATX&lt;n&gt;</b> *1 ATX4 OK	Set whether to detect busy or dial tones and whether to display the speed in the "CONNECT" display for the connection. Busy tone detection : Send "BUSY" response when dialup connection is busy. Dial tone detection : Detect whether FOMA terminal is connected. n=0 : No busy tone, no dial tone detected, and no speed is displayed n=1 : No busy tone, no dial tone detected, and speed is displayed n=2 : No busy tone, dial tone detected, and speed is displayed n=3 : Busy tone detected, no dial tone detected, and speed is displayed n=4 : Busy tone detected, dial tone detected, and speed is displayed (default) When n=0 is set, AT&E and AT¥V command will be unavailable.
<b>ATZ</b> *3 ATZ OK (When in offline mode)	Reset the current setting to the registered state. When this command is executed during communication, the terminal is reset after the line is disconnected (displaying "NO CARRIER").
<b>AT%V</b> AT%V Ver1.00 OK	Display FOMA terminal version.
<b>AT&amp;C&lt;n&gt;</b> *1 AT&C1 OK	Set the operating conditions of the circuit CD (DCD) for DTE. n=0 : Always ON    n=1 : Vary according to line connection status (default) When set to n=0, the CD signal is set to ON directly before sending "CONNECT" when ending connection. The CD signal is set to OFF directly before the line is disconnected and "NO CARRIER" is sent.
<b>AT&amp;D&lt;n&gt;</b> *1 AT&D2 OK	Set the operation performed when circuit ER (DTR) signal received from DTE is switched from ON to OFF while online data mode takes effect. n=0 : Ignore status (status is always considered to be ON) n=1 : Move to online command mode when status changes from ON to OFF n=2 : Disconnect line and move to offline mode when status changes from ON to OFF (default)



Upper slot : Command Lower slot : Example	Description
<b>AT+E&lt;n&gt;</b> <sup>*1</sup>	Set the speed display used when connection is made.
AT+E1  OK	n=0 : Display communication speed of wireless zone n=1 : Display communication speed between a PC and FOMA terminal (default)
<b>AT+F</b>	Reset the current setting to the default.
AT+F  OK (When in offline mode)	When this command is executed during communication, the terminal is reset after the line is disconnected (displaying "NO CARRIER").
<b>AT+S&lt;n&gt;</b> <sup>*1</sup>	Set control of the data set ready (DR) signal to be output to DTE.
AT+S0  OK	n=0 : Always ON (default)    n=1 : ON at time of connection
<b>AT+W</b>	Register the current settings in FOMA terminal.
AT+W  OK	
<b>AT * DANTE</b>	Indicate FOMA terminal reception level in the " * DANTE : <n>" format.
AT * DANTE  * DANTE : 3 OK	n=0 : Out of service area    n=1 : Received signal level of FOMA terminal is 0 or 1 antenna. n=2 : Received signal level of FOMA terminal is 2 antennas. n=3 : Received signal level of FOMA terminal is 3 antennas. AT * DANTE=? : Display a list of displayable values
<b>AT * DGANSM=&lt;n&gt;</b> <sup>*2</sup>	Set to reject or permit incoming packet communications.
AT * DGANSM=0  OK	n=0 : Reject setting = OFF, Accept setting = OFF (default) n=1 : Reject setting=ON    n=2 : Accept setting=ON AT * DGANSM? : Display current settings AT * DGANSM=? : Display a list of assignable values
<b>AT * DGAPL=&lt;n&gt; [&lt;cid&gt;]</b> <sup>*2</sup>	Set the dialup connections (APN) to permit incoming packet communications. APN uses <cid> defined by +CGDCONT command.
AT * DGAPL=0,1  OK	n=0 : Add to list of APN permitted for incoming communications n=1 : Delete from list of APN permitted for incoming communications If the <cid> is not defined by the +CGDCONT command, it can still be added to/deleted from the list. If the <cid> is omitted, all the <cid> are added to/deleted from the list. AT * DGAPL? : Display current settings AT * DGAPL=? : Display a list of assignable values
<b>AT * DGARL=&lt;n&gt; [&lt;cid&gt;]</b> <sup>*2</sup>	Set the dialup connections (APN) to refuse incoming packet communications. APN uses <cid> defined by +CGDCONT command.
AT * DGARL=0,1  OK	n=0 : Add to list of APN rejected for incoming communications n=1 : Delete from list of APN rejected for incoming communications If the <cid> is not defined by the +CGDCONT command, it can still be added to/deleted from the list. If the <cid> is omitted, all the <cid> are added to/deleted from the list. AT * DGARL? : Display current settings AT * DGARL=? : Display a list of assignable values
<b>AT * DGPIR=&lt;n&gt;</b> <sup>*2</sup>	Set Caller ID notification when packet communication connection is being performed. This command is available when a communication is sent or received.
AT * DGPIR=0  OK	n=0 : Connect to APN directly (default)    n=1 : Connect to APN prefixing 184 n=2 : Connect to APN prefixing 186 When Show/Hide caller ID is specified by dialup network→P18 AT * DGPIR? : Display current settings AT * DGPIR=? : Display a list of assignable values
<b>AT * DRPW</b>	Indicate an index for the reception power of the radio waves that FOMA terminal receive.
AT * DRPW  * DRPW : 0 OK	AT * DRPW=? : Display a list of displayable values
<b>AT+CAOC</b>	Display last call cost.
AT+CAOC  +CAOC : "000024" OK	
<b>AT+CBC</b>	Display FOMA terminal's battery level in the "+CBC : <bcs>,<bcl>" format.
AT+CBC  +CBC : 0,100 OK	bcs=0 : Powered by the battery pack    bcs=1 : Not powered by the battery pack bcs=2 : Battery pack removed    bcs=3 : Power-supply error bcl=0 : No battery remained or battery pack removed    bcl=1-100 : Battery remained AT+CBC=? : Display a list of displayable values

Upper slot : Command Lower slot : Example	Description
<b>AT+CBST=&lt;n&gt;,1,0</b> <sup>*1</sup>	Set the line to use (Setting of bearer service)
AT+CBST=116,1,0 OK	n=116 : 64K data communication (default)    n=134 : 64K videophone AT+CBST? : Display current settings    AT+CBST=? : Display a list of assignable values
<b>AT+CDIP=&lt;n&gt;</b> <sup>*1</sup>	Set to notify/not to notify the sub address when receiving in packet communication or 64 data communication. And, subscription status of Multi Number can be confirmed.
AT+CDIP=0 OK	n=0 : The information of sub address is not displayed. (default) n=1 : The information of sub address is displayed. m=0 : Multi Number not subscribed.    m=1 : Multi Number subscribed. AT+CDIP? : Display the current settings and status in the "+CDIP:<n>,<m>" format AT+CDIP=? : List of the settable values is displayed.
<b>AT+CEER</b>	Display the reason of immediate disconnection.
AT+CEER +CEER : 36 OK	Disconnection reason list→P33
<b>AT+CGDCONT</b> <sup>*2</sup>	Set dialup connection (APN) for packet communication.→P34
→P34	
<b>AT+CGEQMIN</b> <sup>*2</sup>	Set the criteria for judging whether to permit QoS (Quality of Service) provisioned by the network when packet communication is established.→P35
→P35	
<b>AT+CGEQREQ</b> <sup>*2</sup>	Set QoS (Quality of Service) requested to the network at the transmission of packet communication.→P35
→P35	
<b>AT+CGMR</b>	Display FOMA terminal version.
AT+CGMR 1234567890123456 OK	
<b>AT+CGREG=&lt;n&gt;</b> <sup>*1</sup>	Set whether to report network service registration status (Within/Out).
AT+CGREG=0 OK	n=0 : Not notified (default) n=1 : When the terminal is moved from Within service area to Out of service area or vice versa, the status is reported in the "+CGREG : <stat>" format. stat=0 : Out of packet service area    stat=1 : Within packet service area stat=4 : Unknown stat=5 : Within packet service area (during international roaming) AT+CGREG? : Display the current settings and status in the "+CGREG : <n>,<stat>" format AT+CGREG=? : Display a list of assignable values
<b>AT+CGSN</b>	Display FOMA terminal serial No.
AT+CGSN 123456789012345 OK	
<b>AT+CLIP=&lt;n&gt;</b> <sup>*1</sup>	Set whether to display sender's caller ID on a PC when receiving 64K data communication.
AT+CLIP=0 OK	n=0 : Not display result (default)    n=1 : Display result m=0 : Network setting not to send caller ID m=1 : Network setting to send caller ID    m=2 : Unknown AT+CLIP? : Display the current settings and status in the "+CLIP : <n>,<m>" format AT+CLIP=? : Display a list of assignable values
<b>AT+CLIR=&lt;n&gt;</b> <sup>*2</sup>	Set Caller ID notification when sending 64K data communication.
AT+CLIR=2 OK	n=0 : Use the setting in Caller ID notification of FOMA terminal    n=1 : Not send n=2 : Send (default) m=0 : CLIR not operating (always sends)    m=1 : CLIR operating (never sends) m=2 : Unknown    m=3 : CLIR temporary mode (default=does not send) m=4 : CLIR temporary mode (default=sends) AT+CLIR? : Display the current settings and status in the "+CLIR : <n>,<m>" format AT+CLIR=? : Display a list of assignable values
<b>AT+CMEE=&lt;n&gt;</b> <sup>*1</sup>	Set whether to display an error report at FOMA terminal.
AT+CMEE=0 OK	n=0 : Display "ERROR" and no result code (default) n=1 : Use result code, displaying reason as number n=2 : Use result code, displaying reason as alphabetic characters Display reasons in the "+CME ERROR : xxxx" format when n=1 or n=2 is set (xxxx = number or alphabetic characters).→P34 "Error messages list" AT+CMEE? : Display current settings    AT+CMEE=? : Display a list of assignable values

Upper slot : Command Lower slot : Example	Description
<b>AT+CNUM</b> AT+CNUM [↵] +CNUM : ,"090XXXXXXXX", 129 OK	Display FOMA terminal's own phone number in the "+CNUM : <numbers>,<type>" format. number : Own phone number (With 2in1, display Number B in B mode or Number A in other mode) type=129 : International access code + not included type=145 : International access code + included
<b>AT+COPS=&lt;n&gt;,2,&lt;oper&gt; *2</b> AT+COPS=0 [↵] OK	Set search method for network operator to connect. n=0 : Auto (default)    n=1 : Manual    n=3 : No mapping When n=1 is set, set PLMN Number in hexadecimal value for <oper>. AT+COPS? : Display current settings    AT+COPS=? : Display a list of assignable values
<b>AT+CPAS</b> AT+CPAS [↵] +CPAS : 0 OK	Display whether FOMA terminal can send and receive AT commands to external devices in "+CPAS : <n>" format. n=0 : Possible    n=1 : Impossible    n=2 : Status unknown n=3 : Possible and receiving n=4 : Possible and communicating AT+CPAS=? : Display a list of displayable values
<b>AT+CPIN="&lt;pin&gt;",&lt;newpin&gt;</b> AT+CPIN="0000" [↵] OK	Enter these commands for entering PIN1/PIN2 codes or PUK with PIN1 code ON. To enter PUK, enter new PIN1/PIN2 code in <newpin>. Even if entering in <newpin> when entry of PIN1/PIN2 code is request, PIN1/PIN2 code cannot be changed. n=READY : Entry of code not requested    n=SIM PIN : Entry of PIN1 code waited n=SIM PIN2 : Entry of PIN2 code waited n=SIM PUK : Entry of PUK waited due to failure in unblocking PIN1 code n=SIM PUK2 : Entry of PUK waited due to failure in unblocking PIN2 code AT+CPIN? : Display the code currently requested in "+CPIN : <n>" format
<b>AT+CR=&lt;n&gt; *1</b> AT+CR=0 [↵] OK	Set whether to display the communication type before "CONNECT" is displayed during connection. n=0 : Not display (default) n=1 : Display the communication type in the "+CR : <serv>" format serv=GPRS : Packet communication    serv=SYNC : 64K data communication serv=AV64K : 64K videophone AT+CR? : Display current settings    AT+CR=? : Display a list of assignable values
<b>AT+CRC=&lt;n&gt; *1</b> AT+CRC=0 [↵] OK	Set whether to use +CRING result codes when communication is received. n=0 : Not use (default) n=1 : Use "+CRING : <type>" result codes type=GPRS "PPP",,"<APN>" : Packet communication type=SYNC : 64K data communication type=AV64K : 64K videophone AT+CRC? : Display current settings    AT+CRC=? : Display a list of assignable values
<b>AT+CREG=&lt;n&gt; *1</b> AT+CREG=0 [↵] OK	Set whether to report network service registration status (Within/Out). n=0 : Not notified (default) n=1 : When the terminal is moved from Within service area to Out of service area or vice versa, the status is reported in the "+CREG : <stat>" format. stat=0 : Out of sound service area    stat=1 : Within sound service area stat=4 : Unknown stat=5 : Within sound service area (during international roaming) AT+CREG? : Display the current settings and status in the "+CREG : <n>,<stat>" format AT+CREG=? : Display a list of assignable values
<b>AT+CUSD=&lt;n&gt;,&lt;str&gt; *1</b> AT+CUSD=0,"012345678" [↵] OK	Set Additional service (Register USSD) of Network Services. Enter Service code provided by DOCOMO in <str>. n=0 : Not answer mid result (default) n=1 : Answer mid result in "+CUSD : <m>,<str>,0" format m=0 : Information not requested    m=1 : Information requested AT+CUSD? : Display current settings    AT+CUSD=? : Display a list of assignable values
<b>AT+FCLASS=&lt;n&gt; *1</b> AT+FCLASS=0 [↵] OK	Set communication type supported by FOMA terminal. n=0 : Only data supported (fixed value) AT+FCLASS? : Display current settings AT+FCLASS=? : Display a list of assignable values
<b>AT+GCAP</b> AT+GCAP [↵] +GCAP : +CGSM,+FCLASS, +W OK	Display the range of AT commands supported by FOMA terminal in the "+GCAP : <n>" format. n=+CGSM : Support GSM commands (including the case for supporting a part) n=+FCLASS : Support +FCLASS commands    n=+W : Support +W commands



## ■ 64K data communication

Value	Description
1	Specified number does not exist.
16	Normal disconnection.
17	Communication is impossible because remote device is busy.
18	You made a call but did not receive a response within the specified time.
19	The remote device is called but no response.
21	The remote device rejected incoming calls.
63	The service and option of the network are not valid.
65	Unavailable processing speed was specified.
88	You made a call to a terminal or received a call from a terminal with different terminal properties.

## ◆ Error messages list

No.	Text display	Description
10	SIM not inserted	UIM is not set.
15	SIM wrong	Other than DOCOMO SIM (IC card equivalent to UIM) is inserted.
16	incorrect password	Incorrect password
100	unknown	Unknown error

## ◆ Supplement to AT command

- <cid> is the number used to control dialup connection (APN) for packet communication to be registered in FOMA terminal. "1-10" can be registered in FOMA terminal.
- By default, the following APNs are registered in cid1-4.  
cid1 : mopera.ne.jp (APN mopera, PPP connection)  
cid2 : mopera.net (APN mopera U, PPP connection)  
cid3 : mopera.net (APN mopera U, IP connection)  
cid4 : mpr.ex-pkt.net (APN mopera U, PPP connection, 128K communication)
- <APN> is an optional string for each connection to indicate dialup connection.

### ■ Command name : +CGDCONT=[parameter]

#### • Outline

Set dialup connection (APN) for packet communication.

#### • Format

+CGDCONT= [<cid> [,"<PDP\_TYPE>" [,"<APN>"] ] ]

#### • Parameter description


<cid> : 1-10

<PDP\_TYPE> : IP or PPP

<APN> : Optional

#### • Example of execution

The command used to register an APN named "abc" for PPP connection (when <cid>=5).

AT+CGDCONT=5,"PPP","abc" 

OK

#### • Operation performed when parameter is omitted

AT+CGDCONT= : Return all <cid> to the setting by default.

AT+CGDCONT=<cid> : Return the specified <cid> to the setting by default.

AT+CGDCONT? : Display current settings.

AT+CGDCONT=? : Display a list of assignable values.

## ■ Command name : +CGEQMIN=[parameter]

### • Outline

Set the criteria for judging whether to permit QoS (Quality of Service) provisioned by the network when packet communication is established.

### • Format

AT+CGEQMIN= [<cid> [,,<Maximum bitrate UL> [<Maximum bitrate DL> ] ] ]

### • Parameter description

<cid> : 1-10

<Maximum bitrate UL> : None (default) or 5,760

<Maximum bitrate DL> : None (default) or 7,232

\* For <Maximum bitrate UL> and <Maximum bitrate DL>, the maximum communication speed (in kbps) is set for both upload and download traffic between FOMA terminal and the base station. If the parameter is set to "None (default)", all speeds are permissible. If "5,760" and "7,232" are set, any connection at a speed less than the above limit is not permitted, and chances are that packet communication will not be connected.


### • Example of execution

- Command used to permit all speeds both upload and download (when <cid>=5)

AT+CGEQMIN=5 

OK

- Command used to permit only 5,760kbps upload and 7,232kbps download (when <cid>=6)

AT+CGEQMIN=6,,5760,7232 

OK

- Command used to permit only 5,760kbps upload and all speeds download (when <cid>=7)

AT+CGEQMIN=7,,5760 

OK

- Command used to permit all speeds upload and only 7,232kbps download (when <cid>=8)

AT+CGEQMIN=8,,,7232 

OK

### • Operation performed when parameter is omitted

AT+CGEQMIN= : Returns all <cid> to the setting by default.

AT+CGEQMIN=<cid> : Returns the specified <cid> to the setting by default.

AT+CGEQMIN? : Displays current settings.

AT+CGEQMIN=? : Displays a list of assignable values.

## ■ Command name : +CGEQREQ=[parameter]

### • Outline

Set QoS (Quality of Service) requested to the network at the transmission of packet communication.

### • Format

AT+CGEQREQ= [<cid>]

### • Parameter description

Only commands that require connection at 64-5,760kbps upload, 64-7,232kbps download can be set. The contents are set by default for each <cid>.

<cid> : 1-10

### • Example of execution

(when <cid>=3)

AT+CGEQREQ=3 

OK

### • Operation performed when parameter is omitted

AT+CGEQREQ= : Returns all <cid> to the setting by default.

AT+CGEQREQ=<cid> : Returns the specified <cid> to the setting by default.

AT+CGEQREQ? : Displays current settings.

AT+CGEQREQ=? : Displays a list of assignable values.

## ◆ Result codes

- When ATV command is set to n=1 (default), the result code is displayed in alphabetic characters. When the command is set to n=0, the result code is displayed numerically.→P29

### ■ Result codes

No.	Text display	Meaning
0	OK	Operation performed normally
1	CONNECT	Terminal connected to other party
2	RING	Incoming call
3	NO CARRIER	Line disconnected
4	ERROR	Unable to accept command
6	NO DIALTONE	Unable to detect dial tone
7	BUSY	Detecting the busy tone
8	NO ANSWER	Completed connection Time-out
100	RESTRICTION	Network restriction in place (The communication network is busy. Please wait for a while and retry.)
101	DELAYED	Redial call restricted

### ■ Extended result code

- When AT&E is set to n=0

No.	Text display	Connection speed between FOMA terminal and base station
122	CONNECT 64000	64000bps
125	CONNECT 384000	384000bps
133	CONNECT 3648000	3648000bps
135	CONNECT 7232000	7232000bps

- When AT&E is set to n=1

No.	Text display	Connection speed between FOMA terminal and a PC
5	CONNECT 1200	1200bps
10	CONNECT 2400	2400bps
11	CONNECT 4800	4800bps
13	CONNECT 7200	7200bps
12	CONNECT 9600	9600bps
15	CONNECT 14400	14400bps
16	CONNECT 19200	19200bps
17	CONNECT 38400	38400bps
18	CONNECT 57600	57600bps
19	CONNECT 115200	115200bps
20	CONNECT 230400	230400bps
21	CONNECT 460800	460800bps

\* To retain compatibility with a modem connected via conventional RS-232C, communication speed is displayed, but it differs from the actual connection speed because FOMA terminal is connected to a PC with a USB cable or Bluetooth function.

## ■ Communication protocol result code

No.	Text display	Meaning
1	PPPOverUD	Connect via 64K data communication (BC=UDI, +CBST=116,1,0)
3	AV64K	Connect via 64K videophone
5	PACKET	Connect via packet communication

## ■ Display example of result code

### When ATX0 is set

Regardless of the settings of AT $\nabla$ V command, only "CONNECT" is displayed upon completion of connection.

Text display example : ATD \* 99 \* \* \* 1#  
CONNECT

Number display example : ATD \* 99 \* \* \* 1#  
1

### When ATX1 is set

- When ATX1, AT $\nabla$ V0 (default) is set  
Upon completion of connection, the result code is displayed in the following format : "CONNECT <speed between FOMA terminal - PC>".

Text display example : ATD \* 99 \* \* \* 1#  
CONNECT 460800

Number display example : ATD \* 99 \* \* \* 1#  
1 21

- When ATX1, AT $\nabla$ V1 is set<sup>\*1</sup>  
The code is displayed upon completion of connection in the following format.  
"CONNECT<speed between FOMA terminal - PC><Communication protocol><dialup connection (APN)>/<upstream maximum speed (between FOMA terminal→radio base station)>/<downstream maximum speed (between FOMA terminal←radio base station)>"<sup>\*2</sup>

Text display example : ATD \* 99 \* \* \* 1#

CONNECT 460800 PACKET mopera.ne.jp/5760/7232

(Indicates the terminal is connected to mopera.ne.jp providing a maximum upload speed of 5,760kbps and a maximum download speed of 7,232kbps.)

Number display example : ATD \* 99 \* \* \* 1#  
1 21 5

<sup>\*1</sup> When ATX1 and AT $\nabla$ V1 are set at the same time, it is likely that dialup connection will fail. It is recommended that only AT $\nabla$ V0 be used.

<sup>\*2</sup> When AT $\nabla$ V1 is set, <dialup connection (APN)> and the following are displayed only when packet is used for connection.



## Kuten Code List

For entering characters using code, see "Entering characters using code" in the attached manual. Note that some characters in the code input list may look different from actual ones.

[illegible]

1st 3rd	4th digit of code									1st 3rd	4th digit of code									1st 3rd	4th digit of code									1st 3rd	4th digit of code																		
	0	1	2	3	4	5	6	7	8		9	0	1	2	3	4	5	6	7		8	9	0	1	2	3	4	5	6		7	8	9	0	1	2	3	4	5	6	7	8	9						
261	261									332	332									391	391									436	436									440	440								
262	262									333	333									392	392									437	437									441	441								
263	263									334	334									393	393									438	438									442	442								
264	264									335	335									394	394									439	439									443	443								
265	265									336	336									395	395									440	440									444	444								
266	266									337	337									396	396									441	441									445	445								
267	267									338	338									397	397									442	442									446	446								
268	268									339	339									398	398									443	443									447	447								
269	269									340	340									399	399									444	444									448	448								
270	270									341	341									400	400									445	445									449	449								
271	271									342	342									401	401									446	446									450	450								
272	272									343	343									402	402									447	447									451	451								
273	273									344	344									403	403									448	448									452	452								
274	274									345	345									404	404									449	449									453	453								
275	275									346	346									405	405									450	450									454	454								
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278	278									349	349									408	408									453	453									457	457								
279	279									350	350									409	409									454	454									458	458								
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666	醫	臨	雙	雙	矽	矽	矽	矽	矽	743	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	820	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
667	醫	臨	雙	雙	矽	矽	矽	矽	矽	744	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	821	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
668	醫	臨	雙	雙	矽	矽	矽	矽	矽	745	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	822	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
669	醫	臨	雙	雙	矽	矽	矽	矽	矽	746	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	823	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
670	醫	臨	雙	雙	矽	矽	矽	矽	矽	747	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	824	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
671	醫	臨	雙	雙	矽	矽	矽	矽	矽	748	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	825	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
672	醫	臨	雙	雙	矽	矽	矽	矽	矽	749	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	826	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
673	醫	臨	雙	雙	矽	矽	矽	矽	矽	750	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	827	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
674	醫	臨	雙	雙	矽	矽	矽	矽	矽	751	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	828	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
675	醫	臨	雙	雙	矽	矽	矽	矽	矽	752	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	829	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
676	醫	臨	雙	雙	矽	矽	矽	矽	矽	753	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	830	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
677	醫	臨	雙	雙	矽	矽	矽	矽	矽	754	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	831	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
678	醫	臨	雙	雙	矽	矽	矽	矽	矽	755	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	832	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
679	醫	臨	雙	雙	矽	矽	矽	矽	矽	756	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	833	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
680	醫	臨	雙	雙	矽	矽	矽	矽	矽	757	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	834	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
681	醫	臨	雙	雙	矽	矽	矽	矽	矽	758	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	835	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
682	醫	臨	雙	雙	矽	矽	矽	矽	矽	759	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	836	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
683	醫	臨	雙	雙	矽	矽	矽	矽	矽	760	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	837	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
684	醫	臨	雙	雙	矽	矽	矽	矽	矽	761	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	838	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
685	醫	臨	雙	雙	矽	矽	矽	矽	矽	762	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	839	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
686	醫	臨	雙	雙	矽	矽	矽	矽	矽	763	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶	840	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	醫	
687	醫	臨	雙	雙	矽	矽	矽	矽	矽	764	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
688	醫	臨	雙	雙	矽	矽	矽	矽	矽	765	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
689	醫	臨	雙	雙	矽	矽	矽	矽	矽	766	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
690	醫	臨	雙	雙	矽	矽	矽	矽	矽	767	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
691	醫	臨	雙	雙	矽	矽	矽	矽	矽	768	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
692	醫	臨	雙	雙	矽	矽	矽	矽	矽	769	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
693	醫	臨	雙	雙	矽	矽	矽	矽	矽	770	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
694	醫	臨	雙	雙	矽	矽	矽	矽	矽	771	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
695	醫	臨	雙	雙	矽	矽	矽	矽	矽	772	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
696	醫	臨	雙	雙	矽	矽	矽	矽	矽	773	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
697	醫	臨	雙	雙	矽	矽	矽	矽	矽	774	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
698	醫	臨	雙	雙	矽	矽	矽	矽	矽	775	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
699	醫	臨	雙	雙	矽	矽	矽	矽	矽	776	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
700	醫	臨	雙	雙	矽	矽	矽	矽	矽	777	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
701	醫	臨	雙	雙	矽	矽	矽	矽	矽	778	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
702	醫	臨	雙	雙	矽	矽	矽	矽	矽	779	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
703	醫	臨	雙	雙	矽	矽	矽	矽	矽	780	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
704	醫	臨	雙	雙	矽	矽	矽	矽	矽	781	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
705	醫	臨	雙	雙	矽	矽	矽	矽	矽	782	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
706	醫	臨	雙	雙	矽	矽	矽	矽	矽	783	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
707	醫	臨	雙	雙	矽	矽	矽	矽	矽	784	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
708	醫	臨	雙	雙	矽	矽	矽	矽	矽	785	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
709	醫	臨	雙	雙	矽	矽	矽	矽	矽	786	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
710	醫	臨	雙	雙	矽	矽	矽	矽	矽	787	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
711	醫	臨	雙	雙	矽	矽	矽	矽	矽	788	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
712	醫	臨	雙	雙	矽	矽	矽	矽	矽	789	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
713	醫	臨	雙	雙	矽	矽	矽	矽	矽	790	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
714	醫	臨	雙	雙	矽	矽	矽	矽	矽	791	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
715	醫	臨	雙	雙	矽	矽	矽	矽	矽	792	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
716	醫	臨	雙	雙	矽	矽	矽	矽	矽	793	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
717	醫	臨	雙	雙	矽	矽	矽	矽	矽	794	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
718	醫	臨	雙	雙	矽	矽	矽	矽	矽	795	蝶	蝶	蠶	蠶	蠶	蠶	蠶	蠶	蠶																				
719	醫	臨	雙	雙	矽	矽	矽	矽	矽	796	蝶	蝶	蠶	蠶	蠶	蠶	蠶																						