



L-03C

INSTRUCTION MANUAL '10.12

docomo **PRO** series

DOCOMO W-CDMA and GSM/GPRS Systems

Thank you for selecting the "docomo PRO series L-03C".

Read this manual before use to correctly operate your L-03C.

Operation Description of L-03C

Operations of L-03C are described in this manual as well as "Guide" (installed in this FOMA terminal, Japanese only) and "Instruction Manual (Detailed version, Japanese only)" (in PDF format).

■ **"Instruction Manual" (This Manual):** Describes screen displays and operating procedures of basic functions.

■ **"Guide" (installed in this FOMA terminal, Japanese only):** Describes the overview or operating procedures of frequently used functions.

In L-03C,  ► "Guide"

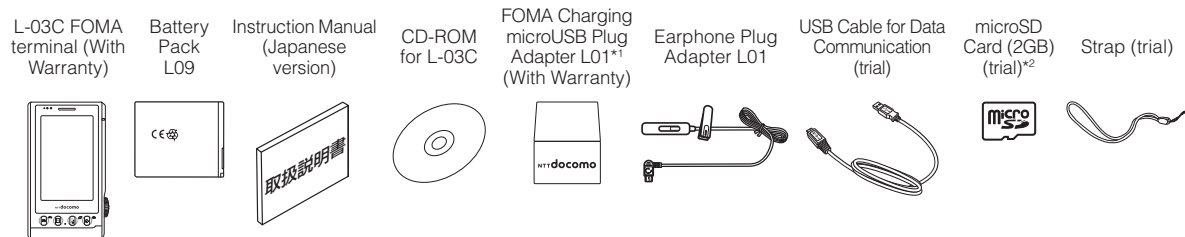
■ **"Instruction Manual (Detailed version, Japanese only)" (in PDF format):** Describes detailed information and operating procedures of all functions.

From a PC, download it from the following DOCOMO website.

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

* The URL and contents of the manual are subject to change without prior notice.

Accessories



*1 FOMA Charging microUSB Plug Adapter L01 is only for charging. During data communication, please use USB Cable for Data Communication (trial). Also, when charging, FOMA AC Adapter 01/02 is required.

*2 microSD card is pre-installed into the mobile phone.

Options compatible with this FOMA terminal →P93

- Note that "L-03C" is referred to as "FOMA terminal" in this manual.
- It is prohibited to copy all or part of this manual without permission.
- The screens or illustrations used in this manual are examples. The actual screens and illustrations may differ.
- In this manual, the descriptions are all based on the pre-installed settings (when setting "Line scroll" in menu type). If settings are changed, screen displays or operations may differ from those described in this manual.

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FOMA Terminal

- The FOMA terminal uses radio waves, therefore, it may not function in locations where radio waves cannot reach, such as in tunnels, underground, or in buildings; outside the building where radio waves are weak or out of FOMA service area. Even when you are in an upper floor of a tall building and nothing blocks your view outside, your FOMA terminal may not be able to receive or transmit signals. Also, even when radio waves are strong with three antenna bars displayed, and you are not moving, communication may still be interrupted.
- Be considerate of other people around you in public or where it is especially crowded or quiet.
- The FOMA terminal uses radio waves to communicate, therefore, there is a possibility that calls may be intercepted by third parties. The W-CDMA and GSM/GPRS systems automatically encode signals for all calls so even if third parties should intercept calls with the receiver, they will hear only noise.
- The FOMA terminal sends and receives voice communication as encoded digital data. When you are operating the FOMA terminal while moving, sometimes you may encounter weaker radio waves and the transmitted digital data may not be correctly decoded resulting in sound distortions.
- It is recommended that you save important data on a microSD card. If you use a PC, use DOCOMO keitai datalink to send and save data such as Phonebook entries, mail messages, Schedule events, etc. to the PC.

- When you use SSL/TLS for a secure connection, you agree that you are responsible for any actions you take. DOCOMO and the certifiers listed below do not guarantee the safety of SSL/TLS for any activities of customers while using SSL/TLS, and are not liable for any damages incurred through using SSL/TLS.

Certifiers: VeriSign Japan K.K.,
Cybertrust Japan Co., Ltd.,
GlobalSign K.K.,
RSA Security Japan Ltd.,
SECOM Trust Systems Co., Ltd.
COMODO JAPAN INC.

- The FOMA terminal supports FOMA Plus-Area and FOMA HIGH-SPEED Area.
- The FOMA terminal can be used only via the FOMA network provided by DOCOMO and DOCOMO's roaming area.
- It is recommended that you make a backup of user defined data (Phonebook entries, Schedule events, text memos, Record messages, voice memos, or moving picture memos) saved in the FOMA terminal by keeping the separate record or note of those data, etc. and storing them at a separate location. DOCOMO is not responsible for lost data due to failure, repair, or replacement of the model of your FOMA terminal.

What You Can Do with L-03C

Guide (Japanese only) →P34

Guide pre-installed in the FOMA terminal allows you to look for operating instructions of a desired function. When you cannot refer to this manual, you can search functions with Guide quickly.

Camera functions →P44

You can capture still images with 3X optical zoom (auto focus supported) and HD moving pictures using the camera with approx. 12.1 Mega effective pixels (approx. 12 Mega recorded pixels).

International roaming →P54

Your FOMA terminal, phone number, and mail address that are used in Japan are available overseas (supporting 3G and GSM areas).

i-mode →P65

It becomes easier to operate and more convenient to use the information on home page. Also it supports Flash Video, Windows Media Video and colorful moving pictures.

Full browser →P67

You can browse web pages incompatible with i-mode on the FOMA terminal in the same way as on a PC.

i-Channel (Japanese only) →P69

You can receive graphic information such as news or weather forecasts. Also, you can obtain rich content created with Flash by selecting your favorite channels from the Channel list.

* This service is a fee-based service that requires subscription.

Bluetooth communication →P76

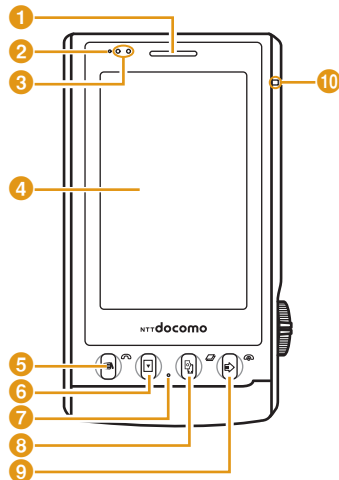
You can exchange Phonebook data with any devices that support Bluetooth. Also you can use handset that supports Bluetooth.

Google →P77

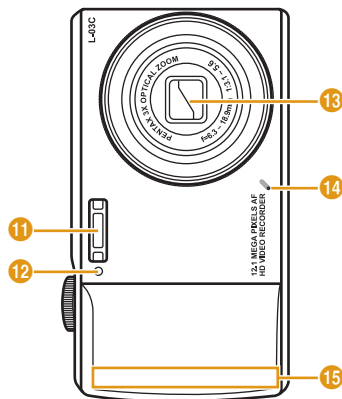
You can search website, use YouTube or Picasa through Google.

Part Names and Functions

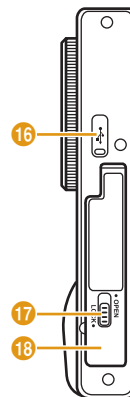
● Face with Display



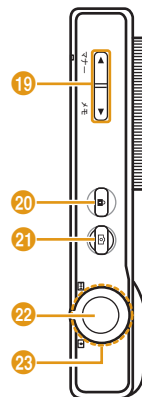
● Face with Camera



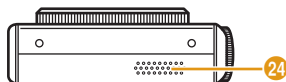
● Left side



● Right side



● Top



● Bottom



- 1 **Earpiece**
- 2 **Charging light**
This light is on/blinking when an incoming call arrives.
- 3 **Proximity sensor**
- 4 **Display (Touch panel)**
- 5   **Start key**
Make/receive a call. If press in Album display screen, the file will be deleted.
- 6  **Album display key**
Display still images or moving pictures.
- 7 **Mouthpiece**
- 8   **Multi-tasking key/ Switching between still image and moving picture key**
Display task list screen. If press under camera mode, switch between photo mode and video mode.
- 9   **Power / Exit key**
End a call or exit a function.
- 10 **Shooting light (face with display)**
- 11 **Flash**
- 12 **Shooting light (face with camera)**

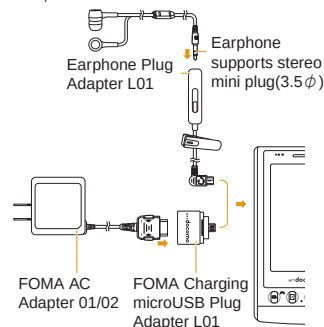
- 13 **Camera**
- 14 **Microphone**
- 15 **FOMA antenna**
The FOMA antenna is inside the FOMA terminal.
- 16 **microUSB connector terminal**
- 17 **Battery pack cover lever**
- 18 **Battery pack cover**
- 19  (マナー)  (メモ) **Volume key**
Adjust volume. Zoom in/out Full browser page.
- 20  **Lock key**
Set/cancel the key lock.
- 21  **Switch mode key**
Switch between Keitai mode and camera mode.
- 22 **Shutter key**
Press when shooting still images or moving pictures.
- 23 **Zoom wheel**
Changing magnification when shooting still images or moving pictures.
- 24 **Speaker**
- 25 **Strap hole**

Keitai mode and camera mode

Keitai mode enables you to use the basic mobile functions.
Camera mode enables you to shoot/preview images or moving pictures.

Using earphones

Connect* with Earphone Plug Adapter L01.
FOMA Charging microUSB Plug Adapter L01 (charging) and Earphone Plug Adapter L01 have the same slot.



Ex.: Connection of Earphone Plug Adapter L01 and FOMA Charging microUSB Plug Adapter L01

* When using earphone to listen to sound, those support stereo mini plug(3.5φ) are required.

Precautions (ALWAYS FOLLOW THESE PRECAUTIONS)

- Before using your FOMA terminal, read these "Precautions" carefully so that you can use it correctly. After reading these precautions, keep this manual for later reference.
- Be sure to observe these precautions because they are intended to protect you or others around you from causing injury and to avoid damage to the property.
- The symbols below indicate the levels of danger or damage that may occur if the particular precaution is not observed and the FOMA terminal is used improperly.

 DANGER	This symbol indicates that incorrect handling may directly or immediately cause death or serious injury.
 WARNING	This symbol indicates poses a risk of causing that incorrect handling Unplug death or serious injury.
 CAUTION	This symbol indicates that incorrect handling poses a risk of causing slight injury or damage to the product or property.

- The following symbols indicate specific directions:

 Don't	Denotes things not to do (Prohibitions).
 No disassembly	Denotes not to disassemble.

 No wet hands	Denotes not to touch with wet hands.
 No liquids	Denotes not to use where it could get wet or not to wet it.
 Do	Denotes mandatory instructions (matters that must be complied with).
 Unplug	Denotes to unplug from the outlet.

- "Precautions" are explained in the following six sections:

General Precautions for FOMA Terminal, Battery Pack, Adapter, and UIM	P7
Precautions for FOMA Terminal	P8
Precautions for Battery Pack	P11
Precautions for Adapter	P12
Precautions for UIM	P13
Precautions on Using near Electronic Medical Equipment	P14

General Precautions for FOMA Terminal, Battery Pack, Adapter, and UIM



DANGER



Don't

Do not use, store, or leave the FOMA terminal and its accessories in locations subject to high temperatures, such as near fire, in direct sunlight, or inside a car under the hot sun.

Fire, burns, or injury may result.



Don't

Do not put the battery pack, FOMA terminal, adapter, or UIM in heating appliances such as microwaves or high pressure containers.

Fire, burns, injury, or electric shock may result.



No
disassembly

Do not disassemble or remodel the FOMA terminal and its accessories.

Fire, burns, injury, or electric shock may result.



No
liquids

Do not get the FOMA terminal and its accessories wet with water, drinking water, pet urine, etc.

Fire, burns, injury, or electric shock may result.



Do

Use battery packs and adapters specified by NTT DOCOMO.

Fire, burns, injury, or electric shock may result.



WARNING



Don't

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

Fire, burns, injury, or electric shock may result.



Don't

Keep conductive foreign objects (metal, pencil lead, etc.) away from the charging terminals or microUSB connector. Do not insert such objects inside the FOMA terminal.

Fire, burns, injury, or electric shock may result.



Don't

Do not cover or wrap the FOMA terminal or its accessories with bedding, etc. while using or charging.

Fire or burns may result.



Do

Make sure to turn off the FOMA terminal before you go to a place such as a gas station where flammable gas is generated, and do not charge the FOMA terminal.

Catching fire may result.



Do

If you notice any strange smells, overheating, discoloration, or deformation while using, charging, or storing the FOMA terminal, immediately take the following actions:

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

Fire, burns, injury, or electric shock may result.

**CAUTION**

Don't

Do not place the FOMA terminal and its accessories in unstable places such as wobbly tables or sloping shelves.

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



Don't

Do not store the FOMA terminal and its accessories in humid or dusty places, or in high temperatures.

Fire, burns, or electric shock may result.



Do

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

Injury may result.



Do

Keep out of the reach of babies and infants.

Accidental swallowing or injury may result.



Do

Pay extra attention when you use the FOMA terminal for an extended period of time while it is connected to the adapter.

If you use i-appli, make a videophone call for a long time while charging, the FOMA terminal, battery pack, or adapter may become hot. Some users who continuously or repeatedly touch a hot FOMA terminal may develop rashes, itching, or eczema depending on their physical health or existing medical conditions, or a low temperature bare skin burn may result.

Precautions for FOMA Terminal**WARNING**

Don't

Do not shine the light close to eyes.

Eyesight damage may result. Also, accidents such as injury might occur if someone is startled or dazzled by the light.



Don't

Do not get liquids such as water or foreign objects such as metal pieces or flammable materials into the UIM or microSD card slot of the FOMA terminal.

Fire, burns, injury, or electric shock may result.



Don't

Do not turn on the light to drivers of cars, and others.

It disturbs driving, and accidents may result.



Do

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

Electronic devices or electronic medical devices may be adversely affected. If the FOMA terminal is set to be turned on automatically, cancel the setting before turning it off. For use in medical facilities, follow instructions of each medical facility. You will be punished if you take activity prohibited by law such as use of the FOMA terminal in airplanes.



Do

When you use Hands-free, or a ring tone is sounding, make sure to keep the FOMA terminal away from your ear. When you use the headphone/microphone connected to the FOMA terminal to play a game or music, adjust the volume.

The excessive sound volume may result in hearing loss. Also, if you cannot hear ambient sounds, an accident may result.



Do

For those who suffer from heart ailments, the vibrator or ring tone volume should be adjusted carefully.

Their hearts may be adversely affected.



Do

If you wear any implanted electronic medical devices, contact the manufacturer or dealer of the electronic medical device to ask about the effect from radio waves.

Electronic medical devices may be adversely affected.



Do

Turn the FOMA terminal off in places near high-precision electronic devices or devices. Do use weak electronic signals.

Electronic devices may be adversely affected such as Don't causing malfunction.

* Electronic devices that may be affected:

Hearing aids, implanted cardiac pacemakers and implanted defibrillators, other medical electronic devices, fire alarms, automatic doors, and other automatically controlled devices. If you are using an implanted cardiac pacemaker and implanted defibrillator, or any other electronic medical devices, consult the manufacturer or retailer of the device for advice regarding possible effects from radio waves.



Do

If the display glass or camera lens is broken, avoid touching the broken glass or exposed parts inside the FOMA terminal.

The surface of the display is covered with a protective film and the camera lens is covered with a plastic panel so that shattered glass pieces do not scatter easily, however, if you touch the broken glass or exposed parts, injury may result.



CAUTION



Don't

Do not swing the FOMA terminal by strap, etc.

It may hit you or others, resulting in an accident such as injury.



Don't

Do not use the broken FOMA terminal.

Fire, burns, injury, or electric shock may result.



Don't

When you use motion control, make sure that nobody is close to you and have a good grip of the terminal. Do not swing the FOMA terminal.
Injury may result.



Don't

If the display is broken and the LCD liquid leaks, do not apply the liquid to your skin such as face or hand.

Blindness or injury to your skin may result.

If the LCD liquid gets into your eyes or mouth, immediately flush with clean water and consult a doctor.

Also, if the liquid gets on your skin or clothes, immediately wipe it off with alcohol and wash with soap and water.



Don't

There is a piece of film on the surface of display in order to protect the display surface from damage (shatterproof plastic panel). Do not peel off the film forcibly or get it damaged.

Injury may result if use the FOMA terminal with the film peeled off.



Do

If you use the FOMA terminal in a car, contact the car manufacturer or dealer to ask about the effect from radio waves.

Depending on the type of a car, in-car electronic devices could be adversely affected. In this case, stop using the FOMA terminal immediately.



Do

Itching, rash or eczema may be caused depending on your physical conditions or predisposition. If an abnormality occurs, stop using the FOMA terminal immediately and consult a doctor.

For materials used on each part
→ P15 "Material List"



Do

Look at the display in a well lit place, keeping a certain distance from the screen.

Failure of eyesight may result.

Precautions for Battery Pack

- Check the battery type by the label attached to the battery pack.

Description	Type
Li-ion00	Lithium-ion battery

DANGER



Don't

Do not get any metal objects such as wire come into contact with the battery terminal. Do not carry or store the FOMA terminal together with any metal objects such as a necklace.

Ignition, explosion, overheating, or leakage of the battery pack may result.



Don't

When attaching the battery pack, check the direction of the battery pack. If you cannot attach the battery pack properly, do not attach it forcibly.

Ignition, explosion, overheating, or leakage of the battery pack may result.



Don't

Do not throw the battery pack into fire.

Do ignition, explosion, overheating, or leakage of the battery pack may result.



Don't

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

Do ignition, explosion, overheating, or leakage of the battery pack may result.



Do

If the battery fluid gets into your eyes, do not rub them. Immediately flush with clean water and consult a doctor. Blindness may result.

WARNING



Don't

If you found any trouble on the battery pack such as deformation caused by a drop or scratches, never use the battery pack.

Ignition, explosion, overheating, or leakage of the battery pack may result.



Do

If the battery leaks or emits strange smell, immediately stop using the FOMA terminal and keep it away from fire.

The leaked battery fluid may ignite, resulting in fire or burst.



Do

Make sure that your pets do not bite the battery pack.

Ignition, explosion, overheating, or leakage of the battery pack may result.

CAUTION



Don't

Do not dispose of exhausted batteries with ordinary household waste.

Ignition or environmental damage may result. Cover the battery terminals with a non-conductive tape and take them to the docomo Shop, etc. or dispose of them in accordance with local waste disposal regulations.



Don't

Do not use or charge a wet battery pack.

Ignition, explosion, overheating, or leakage of the battery pack may result.



Do

If the liquid inside the battery pack leaks, do not apply the liquid to your skin such as face or hand.

Blindness or injury to your skin may result.

If the liquid gets into your eyes or mouth, or attach to your skin or clothes, flush with clean water immediately. If the liquid gets into your eyes or mouth, consult a doctor immediately after flushing with water.

Precautions for Adapter



WARNING



Don't

Do not use a damaged adapter cord.

Fire, burns, or electric shock may result.



Don't

Do not use the AC adapter in a place with high humidity such as a bath room.

Fire, burns, or electric shock may result.



Don't

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

Fire, burns, or electric shock may result.



Don't

If it starts to thunder, do not touch the adapter.

Electric shock may result.



Don't

Do not short-circuit the charging terminals when the adapter is plugged into an outlet or cigarette lighter socket. Also, never touch the charging terminals with fingers or other bare skin.

Fire, burns, or electric shock may result.



Don't

Do not place heavy objects on the adapter cord.

Do Fire, burns, or electric shock may result.



Don't

When inserting the AC adapter into an outlet or removing it, do not contact metal object such as metal strap.

Fire, burns, or electric shock may result.

No
wet hands

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

Fire, burns, or electric shock may result.



Do

Use the adapter at the specified power source and voltage. Also, if charging the FOMA terminal overseas, use an AC adapter available overseas.

Using at the wrong voltage may result in fire, burns, or electric shock.

AC adapter: 100V AC

DC adapter: 12/24V DC (for negative grounded vehicles only)

AC adapter available overseas: 100 to 240V AC (Connect only with household AC outlet)



Do

Use the specified plug adapter to charge the terminal.

Fire, burn or electrical shock may result if do not use the specified plug adapter.
Plug adapter: FOMA Charging microUSB Plug Adapter L01



Do

If the fuse of the DC adapter blows, replace it with the specified fuse.

Fire, burns, or electric shock may result. See each instruction manual for the specified fuse.



Do

Keep the power plug dust free.

Fire, burns, or electric shock may result.



Do

When plugging the AC adapter into an outlet, plug it in firmly.

Fire, burns, or electric shock may result.



Do

When removing the adapter from the outlet or cigarette lighter socket, do not forcibly pull the adapter cord, instead hold the power plug and pull it out.

Fire, burns, or electric shock may result.



Unplug

If you do not use the adapter for a long time, unplug the power plug from the outlet or cigarette lighter socket.

Fire, burns, or electric shock may result.



Unplug

If liquids such as water get into the adapter, unplug the Unplug power plug from the outlet or cigarette lighter socket.

Fire, burns, or electric shock may result.



Unplug

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

Fire, burns, or electric shock may result.

Precautions for UIM



CAUTION



Do

Be careful not to touch the edge of UIM when removing it.
Injury may result.

Precautions on Using near Electronic Medical Equipment

- The following description meets "Guideline on the Use of Radio communication Equipment such as Cellular Telephones - Safeguards for Electronic Medical Equipment" by the Electromagnetic Compatibility Conference Japan.



WARNING



Do

Comply with the following instructions inside medical facilities:

- Do not bring the FOMA terminal in operating rooms, intensive care units (ICU), or coronary care units (CCU).
- Turn the FOMA terminal off in hospital wards.
- Turn the FOMA terminal off in hospital lobbies and corridors if electronic medical devices could be nearby.
- If the medical facility has specific zones where use or possession of mobile phones is prohibited, follow those regulations.
- If the FOMA terminal is set to be turned on automatically, cancel the setting before turning it off.



Do

Turn the FOMA terminal off in crowded places such as on a train where implanted cardiac pacemaker or defibrillator wearers could be nearby.

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



Do

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

Operations of an implanted cardiac pacemaker or implanted defibrillator may be adversely affected by radio waves.



Do

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

Operations of electronic medical equipment may be adversely affected by radio waves.

Material List

Part	Material/Surface treatment
Outer case	
Display	Aluminum/ SANDBLAST+ ANODIZING
Display (holding portion)	PC/EUREKA LAC+EUREKA THANE+EUREKA RUBBER
Left side	Polycarbonate+Glass fiber/UV coating
Right side	Polycarbonate+Glass fiber/UV coating
Camera side	Aluminum/ SANDBLAST+ ANODIZING
Camera part (fixed ring)	PC/UV coating
Camera part (mount)	Aluminum/ANODIZING
Camera part (embossed nameplate)	Aluminum/ SANDBLAST+ ANODIZING
Camera side (holding portion)	PC/EUREKA LAC+EUREKA THANE+EUREKA RUBBER

Part	Material/Surface treatment
Operation key	PC/UV coating
Volume key	PC/UV coating
Lock key/Mode switch key	PC/UV coating
Zoom wheel	PC/UV coating
Shutter key	PC/UV coating
USB connector terminal area	
USB connector terminal	Stainless steel
USB connector terminal cover	PC/UV coating
Display panel	Tempered glass/ BOTTOM PRINTING
Cap (battery cover part)	SILICONE
Camera light (display)	PC
Camera part (protective shutter)	Polycarbonate+Glass fiber
Flash	Acryle
Camera light (camera side)	PC
Battery cover lever	POM
Battery cover (surface)	PC/UV coating
Battery cover (inner side)	Mg/UV coating

Part	Material/Surface treatment
Battery storage side	Mg/UV coating
Screws	Carbon steel/Zinc plating
Screw cap	PC/BOTTOM PRINTING
Frame	Mg+(PPA+GF50%)/UV coating
Battery pack	
Battery pack	PC Injection
PET	PE
Terminals	Phosphor bronze+Ni plating+Au plating
microSD card insertion part	
Guide	Stainless steel
Fixing plate	LCP 6040GM-MD
Metal contacts	Corson Alloy
FOMA card insertion part	
Guide	Stainless steel
Fixing plate	LCP resin
Metal contacts	Corson Alloy

Handling Precautions

General notes

■ Do not have water entered inside the FOMA terminal.

The FOMA terminal, battery pack, adapter, and UIM are not waterproof. Do not use them in places with high humidity such as a bathroom or where rain may get them wet. If you are carrying them against your body, moisture from water may corrode the internal parts, causing malfunction. Note that malfunction deemed to be caused due to exposure to liquids is not covered by the warranty, and repair may be impossible. They may be repaired at your expense even if repairs are possible.

■ Use a dry soft cloth (lens cleaning cloth) to clean the equipment.

- If you rub the display strongly with a dry cloth, the display may be scratched.
- If the display is left with water drop or stain adhered, smear may be generated.
- Do not use alcohol, thinner, benzene, detergent or other solvents for cleaning, otherwise the printed images or text may disappear or discoloration may result.

■ Occasionally clean the terminals with a dry cotton swab.

If the terminals become dirty, the contact may become loose and the FOMA terminal power may be turned off, or the terminal may not be fully charged. Be careful not to damage the terminals when you clean them.

■ Do not place the equipment near air conditioner outlets.

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

■ Do not place excessive force on the FOMA terminal or the battery pack.

If the FOMA terminal is put under heavy objects in a bag, or if it is sat upon while in your pocket, the display, internal circuit board, or battery pack may be damaged or malfunction. While external devices are inserted to the external connector terminal or microUSB connector, the connector may be damaged or malfunction.

■ Do not rub or scratch the display with a metal object.

Doing so may cause damage or malfunction.

■ Carefully read each manual attached to the battery pack and adapter.

Notes on the FOMA terminal

■ Do not place excessive force on touch panel, or use a sharp object such as nail tip, ball pen or pin to touch panel.

Touch panel may get damaged.

■ Avoid using in extremely high or low temperatures.

Use the FOMA terminal within a temperature range of 5 °C to 35 °C and a humidity range of 45% to 85%.

■ The FOMA terminal may adversely affect general phones, televisions, or radios, etc. in use nearby. Use the FOMA terminal as far away from such equipment as possible.

■ Keep a separate record of any information stored on the FOMA terminal and store the copies in a safe location.

DOCOMO assumes no responsibility for any loss of your data.

■ This FOMA terminal uses precise optical devices. Do not drop the FOMA terminal or subject it to shocks.

Damage or malfunction may result.

■ Do not insert an external device to microUSB connector crookedly or do not pull it when it is inserted.

Damage or malfunction may result.

- **It is normal for the FOMA terminal to become warm during use or being charged. You can continue using it.**
- **Do not leave the camera in a place exposed to direct sunlight.**
Pixels may be discolored or burns may result.
- **Make sure to switch to Keitai mode while camera is not being used.**
The lens may get hurt or damaged.
- **Do not touch a lens cover.**
The lens may get smear or hurt.
- **Usually close microUSB connector terminal cover.**
Dust or moisture may seep in and cause malfunction.
- **Do not use the FOMA terminal with the battery pack cover opened.**
The battery pack may fall out or malfunction or damage may result.
- **Do not apply an excessively thick sticker onto the surfaces of the display or keys.**
Malfunction, damage or problems with operation may result.
- **While using a microSD card, do not remove it or turn the FOMA terminal power off.**
Data loss or malfunction may result.

- **Do not place magnetic card near the FOMA terminal.**
Data on magnetic media such as cash cards, credit cards, telephone cards or floppy disks may be lost.
- **Do not place a magnetized item near the FOMA terminal.**
A strong magnetic field may cause malfunction of the FOMA terminal.

Notes on the battery pack

- **The battery pack is a consumable.**
Depending on the usage, a battery pack may run out of its charge extremely quickly even if it is fully charged. Purchase a new battery pack specified in this manual.
- **Charge the battery pack in a place with an ambient temperature of 5 °C to 35 °C.**
- **The actual usage time of the battery pack depends on the usage environment or the deterioration level of the battery pack.**
- **The battery pack may swell as the battery life is near its end depending on the battery pack condition, but it is not a malfunction.**

- **When you store the battery pack, avoid the following conditions.**

- Fully charged (immediately after charge is completed)
- No battery (the state where the power cannot be turned on due to battery drain)

The performance or life of the battery pack may be reduced.
It is recommended that you store the battery pack when the battery level icon shows two bars or when 40% of the battery is left.

Notes on the adapter

- **Charge the battery pack in a place with an ambient temperature of 5 °C to 35 °C.**
- **Charge the battery pack where:**
 - There is very little humidity, vibration, and dust.
 - There are no land-line phones, television sets or radios nearby.
- **It is normal for the adapters to become warm while using or charging the FOMA terminal. You can continue to use it.**
- **Use the DC adapter only when the car engine is not running.**
The car battery may be exhausted.

- When using an outlet with a latch mechanism, follow the instruction manual of the outlet.

- Do not place strong impacts. Also, do not deform the charging terminals.

Malfunction may result.

Notes on the UIM

- Do not use excessive force to insert/remove the UIM.
- Note that you are responsible for malfunction caused by inserting the UIM into a different IC card reader/ writer.
- Always keep the IC portion of the UIM clean.
- Clean the UIM with a soft, dry cloth (lens cleaning cloth).
- Keep a separate record of any information stored on the UIM and store the copies in a safe location.

DOCOMO assumes no responsibility for any loss of your data.

- To protect the environment, please bring unnecessary UIM to a service counter such as the docomo Shop.
- Do not scratch, carelessly touch, or short-circuit the IC portion.

Data loss or malfunction may result.

- Do not drop the UIM or subject it to shocks.

Malfunction may result.

- Do not bend the UIM or put heavy objects on it.

Malfunction may result.

- Do not insert the UIM with labels or stickers attached into the FOMA terminal.

Malfunction may result.

Notes on using Bluetooth function

- As the security for communication using the Bluetooth function, the FOMA terminal supports the security function that meets the Bluetooth Specification. However, the security may not be sufficient depending on the configuration. Take care of the security for communication using the Bluetooth function.
- Note that even if any leak of data or information occurs while making connection using the Bluetooth function, we take no responsibility.
- With the FOMA terminal, you can use the following: Hands-Free, Audio, Dial-up Communication, Object Push*¹, and Serial Port*². With Audio, you might be able to use Audio Video Remote Control (Only with the compatible Bluetooth devices).

*1 For Object Push, only Phonebook data is available to send and receive.

*2 For Serial Port, only LG On-Screen Phone (OSP) is available.

■ Radio frequencies

The radio frequencies the Bluetooth function of the FOMA terminal uses are as follows:



2.4 : Indicates radio facilities that use 2400 MHz frequencies.

FH : Indicates the modulation system is the FH-SS system.

1 : Indicates that a supposed coverage distance is 10 meter or less.

■ ■ ■ : Indicates that all radio frequencies 2400 MHz through 2483.5 MHz are used, and that the frequencies for mobile object identifiers shall not be avoided.

■ Caution on Using Bluetooth Devices

Bluetooth operates at radio frequencies assigned to the in-house radio stations for mobile object identifiers that have to be licensed and are used in production lines of a factory, specific unlicensed low power radio stations, and amateur radio stations (hereafter, referred to "another radio station") in addition to scientific, medical, industrial devices, or home electric appliances such as microwave ovens.

1. Before using this product, make sure that "another radio station" is not operating nearby.
2. If radio interference between this product and "another radio station" occurs, move immediately to another place or turn off power to avoid interference.
3. For further details, contact "docomo Information Center" on the back page of this manual.

Cautions

■ Never use a modified FOMA terminal. Using a modified device violates the Radio Law.

The FOMA terminal acquires the certification of conformity with technical standards of specified radio equipment based on the Radio Law. As a proof, "Technical conformity mark" is printed on the nameplate of the FOMA terminal.

If you remove screws to modify the internal components of the FOMA terminal, the certification of conformity with technical standards becomes invalid.

Do not use the FOMA terminal with the invalid certification of conformity with technical standards. Doing so violates the Radio Law.

■ Be careful when using the FOMA terminal while driving.

Using a handheld mobile phone while driving will result in a penalty. However, unavoidable circumstances such as rescuing injured and sick people or holding public's safety will not result in a penalty.

■ Only use Bluetooth in Japan.

Bluetooth on this FOMA terminal got certified based on the wireless standard of Japan. Using overseas may get fined.

Before Using

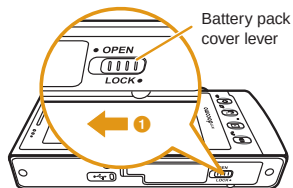
Attaching UIM (FOMA Card)/Battery Pack

The UIM is an IC card that contains subscription information such as your phone number.

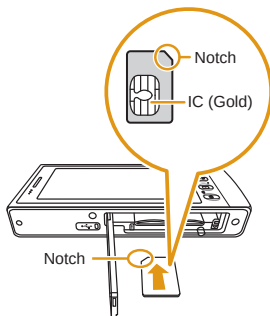
- Turn the FOMA terminal power off and hold it with both hands.

- 1 Slide the lever on battery pack cover in the direction of ①

- Battery pack cover opens.

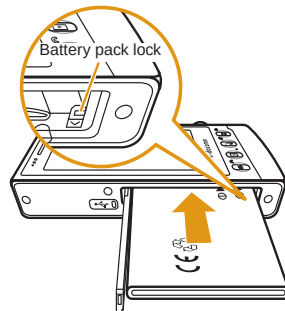


- 2 With the gold IC side down, insert the UIM slowly in the direction of arrow till it clicks

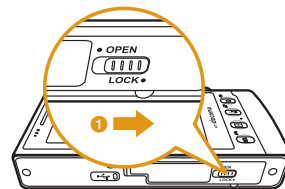


- 3 Place the terminal part of battery pack on the right side farthest from you and insert the battery pack straight

- Insert the battery pack till the battery pack is locked.



- 4 Close the battery pack cover and slide the lever of battery pack cover in the direction of ①



Information

- Trying to attach the battery pack forcibly may cause the damage of battery pack lock.

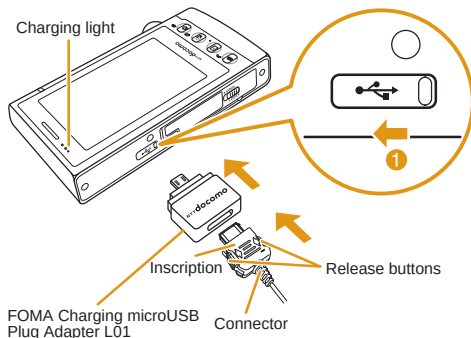
Charging

Charging with AC adapter

Open the microUSB connection terminal cover of FOMA terminal (1). Insert the connector of AC adapter into FOMA Charging microUSB Plug Adapter L01 horizontally with the inscribed arrow side up. Then insert into the microUSB connector terminal of FOMA terminal. Connect the AC adapter plug to an electric outlet.

- The charging light turns on and charging starts. When charging completes, the charging light turns off.

After charging finishes, pull out the FOMA Charging microUSB Plug Adapter L01 horizontally. Then pull out the connector while holding the release buttons on AC adapter connector.



Information

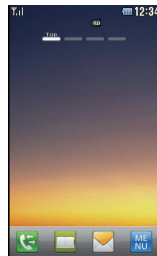
- Make sure to insert/pull out the AC adapter connector straight with the correct side up. Forcibly trying to pull it out may cause damage.

Turning Power ON

Turning power ON

- 1 With the power turned OFF,  (for over 2 seconds)

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



Basic Stand-by

Turning power OFF

- 1 With the power turned ON,  (for over 2 seconds) in Stand-by

The Exit screen appears and the power is turned OFF.

Configuring Default Settings

After turning the power ON for the first time, set "Set date&time", "Touch setting" as default settings.

- 1 Turn the power ON
- 2 Set the date and time ► [Next]
- 3 Set touch setting ► [Next]
- 4 Playback Intro animation ► "Yes"/"No"
- 5 [USE PHONE]
- 6 [OK]

Checking Your Own Phone Number

View your phone number (own number) saved on the UIM.

- For procedures on checking/changing your mail address, see "Mobile Phone User's Guide [i-mode] FOMA version".

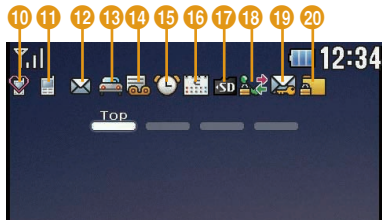
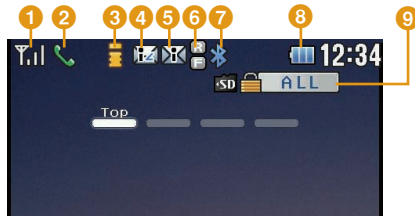
- 1  ► "Own number"

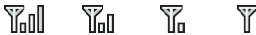
Editing own number

- 1  ► "Own number" ► [Edit]
- 2 Enter Terminal security code
- 3 Edit each item ► [Save]

Viewing Display/Icon

The meanings of icons displayed at the top of the screen are as follows.



- 1 Signal strength

 Strong ← Weak
 Out of service area or no signal reception

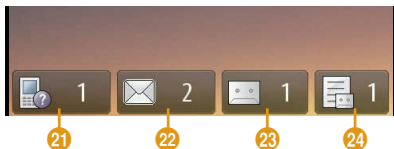
- 2 Voice call in progress
- 3 i-mode connection in progress while blinking
- 4 i-mode mail stored at the i-mode center
- 5 Unread i-mode mail
- 6 Unread MessageR/F
- 7 Bluetooth function is being activated.
- 8 Battery level

- 9 Lock all set
- 10 Manner mode set
- 11 A ring tone for voice/videophone call inactive and vibration active
- 12 A ring tone for mail/MessageR/F inactive and vibration active
- 13 Public mode (Drive mode) set

- 14 Record message set
- 15 Alarm set
- 16 Today's schedule or To do set
- 17 microSD card inserted
- 18 Outgoing voice/videophone calls restricted
- 19 Outgoing mails restricted
- 20 Data access lock set

Notification icons

A number displayed on each icon indicates the number of entries.



- 21 Missed call
- 22 Unread mail
- 23 Voice mail message
- 24 Record message

Touch Panel

This FOMA terminal has a touch panel which enables you to operate with your finger.

● Precautions on using touch panel

- Touch panel is designed to operate easily through touching by your finger. Do not press the panel strongly by finger or sharp objects, such as nail, ball pen or pin.
- For the following situations, operations may not be successfully conducted. Beware that malfunctions may result.
 - Operating with gloves
 - Operating with nail tip
 - Operating with object on the panel
 - Operating with protected sheet or seal
- Some operations may not be available by touching, such as Flash content, site or Internet home page, etc. A key is displayed on the screen after touching [Key on]. Touch the key to execute operations.

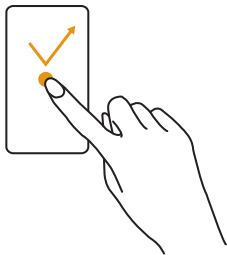
Operations of touch panel

● Touch

Touch is a movement that you slightly touch the panel once and release your finger from display.

Touch when selecting the displayed icon or menu item, or when executing the selected item.

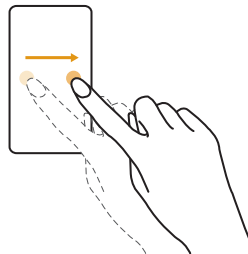
Also, "touch (for over 1 second)" is the expression when touching an icon for over 1 second to activate a function.



● Slide

Slide is a movement that you move your finger from a start point to an end point with your finger touching the panel like tracing.

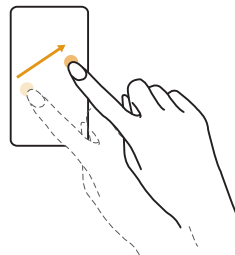
Trace on the volume bar to adjust volume.



● Drag

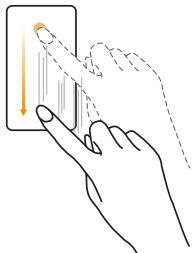
Drag is a movement that you move your finger from a start point with it touching the panel, then release your finger from the panel.

Drag when you want to move an icon.



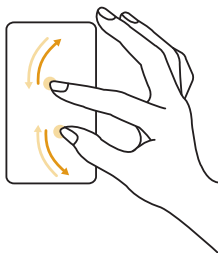
● Flick

Flick is a movement that you slightly touch the panel, then flick to upward, downward, rightward or leftward. When all the items cannot be displayed fully within a display, use the speedy scroll.



● Pinch

Pinch is a movement that you use two fingers to slide towards different directions. To zoom in or zoom out a document in Document viewer.



Examples of touch panel operation

● Switching displays

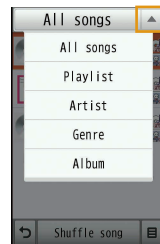
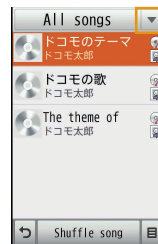
If < >* are displayed on screen, such as Schedule display, touch < > to switch the displays or data.

*Icons may differ according to displays.



● Pull-down menu

If an item has pull-down menu, touch ▼ to display the sub menu.

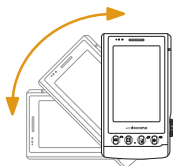


Using Motion Control

The motion sensor installed in the FOMA terminal enables you to rotate the terminal to switch vertical/horizontal view, or shake it to play games.

Switching vertical/horizontal view

Holding this FOMA terminal with different angle enables to switch vertical/horizontal view.



- Only when the top part of the FOMA terminal is rotated counterclockwise can switch the view.
- The following functions in this FOMA terminal support vertical/horizontal view.
 - Main menu screen
 - Full browser
 - Preview of pictures in Data Box (My picture, i-motion/Movie, MUSIC)
 - MUSIC Player

Information

- Please operate your FOMA terminal with it being nearly vertical to the ground. If the display of the FOMA terminal and the ground are nearly horizontal, rotating the FOMA terminal cannot switch vertical/horizontal view.

Rotating screen automatically

Screen is rotated automatically according to the changes in slope of the FOMA terminal.

- 1 [MENU] ► "Display" ► [Portrait/Landscape] in "Auto screen rotation"

Selecting Menu

You can execute functions, settings and registration through main menu, sub menu, etc. on this FOMA terminal.

- Menus are sorted by different functions.

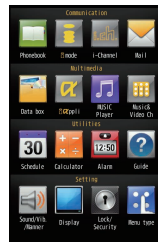
Selecting a Function from Main Menu

You can touch menu icon to select a function. Also, in this FOMA terminal you have a selection of three types of menu.

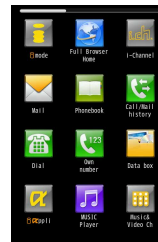
- Line scroll: Icons are categorized per index.
- Area scroll: Icons are displayed on three screens.
- Basic: 12 icons are displayed in one image.

The operations of calling main menu from Stand-by display and displaying "Menu type" setting screen is described.

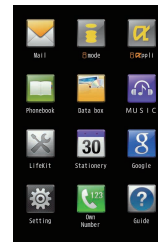
- Since "Line scroll" is pre-installed in this terminal, all the description will be based upon the function called from "Line scroll" in this manual.



Main menu
(Line scroll)



Main menu
(Area scroll)



Main menu
(Basic)

● Main menu list of line scroll

Scroll the menu in indexes of "Communication", "Multimedia", "Utilities" and "Setting" to display the menu of line scroll.

① Communication

② Multimedia

③ Utilities

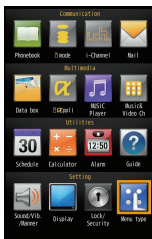
④ Setting



① Communication	Phonebook	i-mode	i-Channel	Mail	Full Browser Home	Call/Mail history	Dial	Own number
② Multimedia	Data box	i-appli	MUSIC Player	Music&Video Ch	Google	Document viewer	Muvee Studio	Game
③ Utilities	Schedule	Calculator	Alarm	Guide	Bluetooth	Dictionary	FOMA HIGH-SPEED	Other tools
④ Setting	Sound/Vib./Manner	Display	Lock/Security	Menu type	NW Services	Call/Dialing	USB mode setting	Other setting

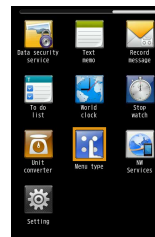
● Using Line scroll

- 1 In Stand-by, touch **ME** **NU** to display main menu
- 2 Touch "Menu type"



● Using Area scroll

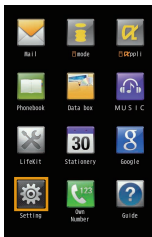
- 1 In Stand-by, touch **ME** **NU** to display main menu
- 2 Double slide the main menu to left to display "Menu type"
- 3 Touch "Menu type"



● Using Basic

1 In Stand-by, touch  to display main menu

2 Touch "Setting" to display the setting screen



3 Touch "Display" to display the display screen

4 Touch "Menu type"

Selecting a Function from User Stand-by

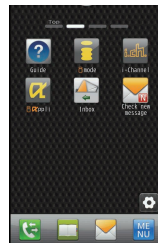
User Stand-by display has three pages including shortcut and Widget icon. Also, the following three types of icons can be added, deleted and moved.

- Shortcut : Speedy way to access each menu.
- Widget : Tools such as Clock, Calendar, etc. are available.
- Contact : Access personal Phonebook and make an outgoing call or send a mail.

● Displaying user Stand-by display

1 Slide left on basic Stand-by (P21)

- User Stand-by is displayed.
- Slide to display other users' Stand-by.



User Stand-by

● Selecting a Function from User Stand-by

1 Touch an icon

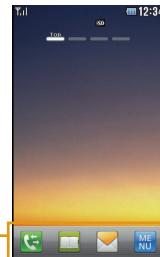
Shortcut, Widget or Contact is activated.

Selecting a Function from Power Launcher

Four icons are displayed on Stand-by Power Launcher.

1 Touch an icon

Power launcher



Operation	Description
	"Recent calls" in call/message log is displayed. Switch "Received calls"/"Redial"/"Received mails"/"Sent mails"/"Recent mails".
 (for over 1 second)	Public mode (Drive mode) is displayed.
	"Show all data" in Phonebook is displayed. Switch "Group?"/"Reading?"/"Memory No?"/"Phone number?"/"Domain?". Also, you can create new message.
 (for over 1 second)	The Phonebook registration screen is displayed.
	Mail menu screen is displayed.
 (for over 1 second)	i-mode inquiring is operated.
	Main menu screen is displayed.

Selecting from Indicator List

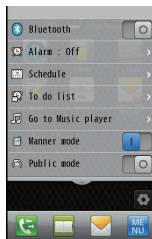
Touch the top part of the user Stand-by to display the indicator list.

1 Touch ①

- Indicator list screen is displayed.



2 Select an item



Indicator list screen

Writing Menu Operations

In this manual, descriptions are based on the operations start from Stand-by screen. Stand-by refers to both basic Stand-by and user Stand-by. However, for common operations, Stand-by is used in this manual. Also, as a general rule, operation procedures are simplified as follows.

Example



- ① The illustration of an icon touched to operate.
- ② Function names of main menu (P29). Touch the icon.
- ③ Names of menu items. Expressions such as "Touch ●●●" may be included. Touch or double touch an item to select.

Writing Rules

■ Statement of operations start from other than Stand-by display

At the beginning of the operations, statements of status of the FOMA terminal or the displayed screen such as "Incoming call" or "List screen" are written.

■ Operation of [Select] is skipped

Like ② and ③ in "Example"(P33), when selecting a function from icons or a list, the operation [Select] is skipped.

Also the operation of touching [OK] is skipped when being asked to enter the Terminal security code or confirm the characters.

■ Operation of "Touch" is skipped when changing to

"Check the check box" is the expression which means select the item with  and touch it to set to . "Touch" is skipped here.

Using Guide

**Search a function and confirm the operation.
Some operations can be executed after confirming the contract.**

- Since "Line scroll" is pre-installed in this terminal, all the description will be based upon the function called from "Line scroll" in this Guide.

1 ► "Guide"

2 "Menu search"/"Useful guide"/"Intro animation"/"Trouble shooting"

Enter a menu item or a keyword in "Menu search" to search a function. Touch  to switch input mode. In "Useful guide", select the guide list to confirm. Intro animation is displayed in "Intro animation". Touch [戻る (Previous)] or [次へ (Next)] to switch animation. In "Trouble shooting", confirm the Inquiries and symptom from the list.

Information

- If [Start] is displayed on Search result screen, touch [Start] to execute the function.

Entering Characters

Character entry is required in various situations such as when saving entries to Phonebook or creating mail. Learn how to enter characters beforehand to make use of the FOMA terminal.

Character entry screen

On the Character entry screen, the current input mode and operation guide are displayed.

Available number of characters or bytes to be input

Current input mode display



Character entry screen

Switching input mode

Switch the input mode according to the character type to be input.

1 Character entry screen ► [Mode]

2 Select input mode

The input mode is set.

- Touch [Pict/Sym] to select pictograms/full symbols/half symbols/emoticons.

漢	: Hiragana and Kanji input mode
カ	: Two-byte Katakana input mode
か	: One-byte Katakana input mode
a	: Two-byte alphanumeric input mode (lower case)
A	: Two-byte alphanumeric input mode (upper case)
ab	: One-byte alphanumeric input mode (lower case)
AB	: One-byte alphanumeric input mode (upper case)
1	: Two-byte numeric input mode
12	: One-byte numeric input mode
韓*	: Korean input mode

* Appears when SMS input character is set to " JP/KR (70Chara) ".

Character entry method

In Hiragana and Kanji input mode, enter characters using the following two prediction functions.

Prediction input function: predicts conversion options. Next phrase prediction function: predicts the next phrase from the characters being entered.

Example: Entering characters "ドコモ太郎 (DOCOMO Taro)" in Hiragana and Kanji input mode

1 On the Character entry screen, enter "どこも (DOCOMO)"

"と": [た] five times ▶
A/a once

"こ": [か] five times

"も": [ま] five times

Character input field

Prediction option field



Conversion (Prediction) options predicted by the Prediction input function appear.

2 Touch Prediction option field

3 Double touch "ドコモ (DOCOMO)"

4 Enter "たろう (Taro)"

"た": [た] once

"ろ": [ら] five times

"う": [あ] three times

5 Touch Prediction option field

6 Double touch "太郎 (Taro)"

Entering pictograms/symbols/emoticons

Pictograms, symbols, and emoticons pre-installed in the FOMA terminal can be used when entering characters.

1 Character entry screen ▶ [Pict/Sym]

2 Select input mode

Picto./Picto.D : input mode to input pictograms

Half symbol/ : input mode to input symbols

Full symbol

Emoticon : input mode to input emotions

3 Switch types

4 Select pictograms/symbols/emoticons to enter

Information

- Depending on the entry screen, pictograms, symbols, or emoticons may not be entered.

Sound/Screen Setting

Changing Ring Tone

- 1  ► "Sound/Vib./Manner" ► "Select ring tone"
- 2 Touch an item and select a file

Adjusting Volume

- 1  ► "Sound/Vib./Manner" ► "Volume"
- 2 Touch an item  /  and adjust volume

Setting Vibrator

- 1  ► "Sound/Vib./Manner" ► "Vibrator"
- 2 Touch an item and select a pattern
- 3 [Set]

Using Manner Mode

- 1 Stand-by display ►  (マナー) (for over 1 second)

When Manner mode is set,  appears at the top of the screen.

- Even while the manner mode is set, the camera shutter tone, shooting start tone and end tone sound.

To cancel the Manner mode

In Stand-by, press  (マナー) (for over 1 second).

Information

- Alternatively, press  and touch [#] for over 1 second in Stand-by to set/cancel manner mode.

Setting Sound OFF When Touch to Operate

- 1  ► "Sound/Vib./Manner" ► "Touch setting"
- 2 [Touch type] ► "OFF"

Changing Screen Settings

Changing basic Stand-by display

- 1  ► "Display" ► "Stand-by display" ► "Top stand-by display"
- 2 Set each item

Changing user Stand-by display

- 1  ► "Display" ► "Stand-by display" ► "My stand-by display"
- 2 Touch  /  to select wallpaper ► [Set]

Changing key locked image display

- 1  ► "Display" ► "Lock screen image"
- 2 Touch  /  to select image ► [Set]

Changing display brightness

Set the backlight duration and brightness of the display.

- 1  ► "Display" ► "Backlight"
- 2 Set each item

Changing main menu type

Set the display type of main menu.

- 1  ► "Menu type" ► "Line scroll"/"Area scroll"/"Basic"

Setting Eco Mode

Set the backlight brightness of the display to the lowest power saving level, and set to turn off the backlight when 10 seconds elapsed after the last operation.

- 1  ► "Other setting" ► "eco mode" ► "ON"/"OFF"

Information

- Alternatively, press  and touch [5] for over 1 second in Stand-by to set/cancel the eco mode.

Various Security Codes

● Cautions on security codes

- Avoid setting security codes using your birthday, part of your phone number, your address or room number, "1111" or "1234" that can be easily guessed by others. Be sure to write down the set security codes and store them in a separate location.
- Do not reveal your security codes to others. DOCOMO is not responsible for damage caused by misuse of your security codes by others.
- If you forget your security codes, you need to bring your identification document (driver's license, etc.), the FOMA terminal, and UIM to the docomo Shop. For details, contact "General Inquiries" at the back of this manual.
- PUK code is written in the application form (copy for subscriber) given at the time of contract. If you have subscribed at a place other than the docomo Shop, bring your identification document (driver's license, etc.) and UIM to the docomo Shop or contact "General Inquiries" at the back of this manual.

Terminal security code (Default: 0000)

You can change the Terminal security code by yourself.

 ► "Lock/Security" ► "Change security code"

Network security code (At the time of contract: any number)

The Network security code is a 4-digit number to be used for your identification at an acceptance of order at the docomo Shop, docomo Information Center, or "お客様サポート (user support)", or for accessing network services. You can change the code by yourself.

If you have "docomo ID and Password" for "My docomo", a total support site for a PC, you can change the Network security code from a PC. From i-mode, you can change it by accessing "i Menu/Search" ► "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)"

- For "My docomo" and "お客様サポート (user support)", see the back side of the back cover of this manual (Japanese only).

i-mode password (At the time of contract: 0000)

The "i-mode password" is a 4-digit number required to register/remove contents in My Menu, and subscribe to/cancel the message service or fee-based i-mode services. (Some other information service providers may set individual passwords.)

You can change the password by yourself.

From i-mode, you can change it by accessing "i Menu/Search" ► "ENGLISH" ► "Options" ► "Change i-mode Password".

PIN1 code/PIN2 code (At the time of contract: 0000)

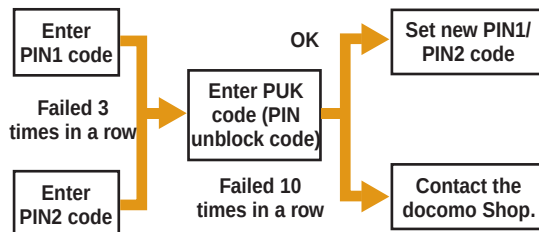
You can set PIN1 and PIN2 codes to the UIM. PIN1 code is a 4- to 8-digit number to be entered to identify the user every time UIM is inserted into the FOMA terminal or the terminal power is turned on in order to prevent unauthorized use by third party. PIN2 code is a 4- to 8-digit number used to reset accumulated call charges, etc. You can change them by yourself. To change PIN1 code, set "PIN1 code request" to  beforehand.

 ► "Lock/Security" ► "PIN code" ► Enter the Terminal security code ► "Change PIN1 code" / "Change PIN2 code"

PUK code (PIN unblock code)

PUK code is an 8-digit number used to unblock PIN1 code or PIN2 code. You cannot change it by yourself.

- If you failed to enter PUK code 10 times in a row, UIM is locked.



Various Lock Functions

Lock function	Description
Lock all	Locks the FOMA terminal to prevent operations by others. - If Lock all is set to On, operations other than Power ON/OFF, Emergency calls, voice call/videophone call, Unlock all and key lock setting are not available. 1  ► "Lock/Security" ► "Lock" ► "Lock all" ► Enter the Terminal security code ► "Yes"  To cancel Lock all While Lock all is set, [Unlock] ► Enter the Terminal security code. If failed to enter the correct Terminal security code five times in a row, the power automatically turns off. - Emergency numbers (110, 119, 118) can be called during Lock all. While Lock all is set, [EmergencyCall] ► Touch to enter an emergency number ► Touch [Yes]. However, [EmergencyCall] is not displayed on basic Stand-by if UIM is not inserted.

Lock function	Description
Omakase Lock	Locks your personal data such as Phonebook by calling DOCOMO when you lost the FOMA terminal. Setting/Canceling Omakase Lock  0120-524-360* Available 24 hours a day (open all year round) (Japanese only) * Unavailable from part of IP phones. - Can be set/canceled from the My docomo site (Japanese only) using a PC. - For details on Omakase Lock, see "Mobile Phone User's Guide [Basic]".
Call/Mail lock	Disables outgoing calls, address entries with dial icon, incoming calls or display of mail messages, etc. 1  ► "Lock/Security" ► "Lock" ► "Call/Mail lock" ► Enter the Terminal security code 2 Set [ / ] in "Call/Mail lock" to  ► Check the items to lock 3 [Done]

Lock function	Description
Self mode	Disables all functions that require communication, such as making/receiving calls, using i-mode, or sending/receiving mails. Sending and receiving data through Bluetooth function is not available. 1  ► "Call/Dialing" ► [ / ] in "Self mode" ► "Yes"
Data access lock	Enables to set restriction to the specified functions. The Terminal security code is required after being locked. 1  ► "Lock/Security" ► "Lock" ► "Data access lock" ► Enter the Terminal security code 2 Set [ / ] in "Data access lock" to  ► Mark functions to lock 3 [Done]

Lock function	Description
Lock key	Lock the touch panel and keys to disable their functions. Also key is locked after the display duration set in "Backlight" plus five seconds. 1  When unlocking key Press  for over 1 second. - Touch [Press & hold to unlock] for over 1 second ► Key is unlocked if leave your finger from [Leave the button]. When the display is lights-out, press  /  to turn on the display light and display [Press & hold to unlock].
Display Call/Mail logs	Hides redial call, received call, sent mail, and received mail logs. 1  ► "Lock/Security" ► "Display Call/Mail logs" ► Enter the Terminal security code 2 Set [ / ] to the item

Restricting Incoming Calls

Setting actions when anonymous calls arrive

Reject incoming calls without caller ID per reason for anonymous call.

- 1  ► "Call/Dialing" ► "Incoming call" ► "Anonymous caller" ► Enter the Terminal security code ► "User unset"/"Pay phone"/"Not support" ► Set each item

Rejecting calls from callers unset in Phonebook

Set to reject calls from callers not saved to Phonebook or without caller ID.

- 1  ► "Call/Dialing" ► "Incoming call" ► "Accept/Reject call" ► Enter the Terminal security code ► [ / ] in "Reject unknown"

Resetting to Default

Resetting various function settings to defaults

Reset the settings you have changed in functions to defaults.

- 1  ► "Other setting" ► "Reset/Clear" ► "Reset settings" ► "Reset settings" ► "Yes" ► Enter the Terminal security code

Deleting all saved data at once

Delete saved data.

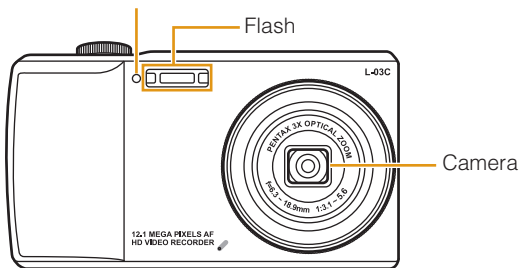
- 1  ► "Other setting" ► "Reset/Clear" ► "Clear memory"
- 2 Touch an item to delete ► Touch the item to delete ► "Yes" ► Enter the Terminal security code

Camera

How to use

Use this camera to shoot still images or moving pictures.

Shooting light (Light/blink when shooting still images or moving pictures)

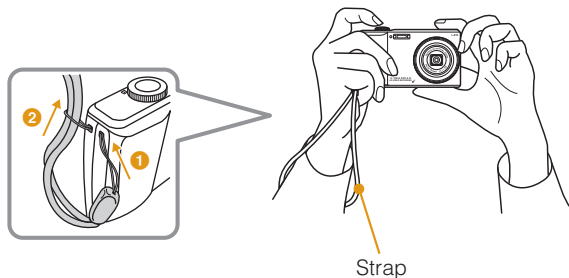


Information

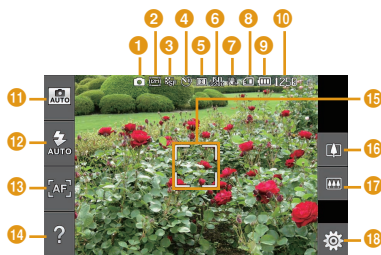
- The camera cannot be activated when the battery power is not enough. Also the camera may turn off automatically.
- The still images and moving pictures cannot be saved when the battery power is not enough.
- When microSD card is not inserted, shooting still images/moving pictures is not available. Insert microSD card before shooting.
- If a still image/moving picture shot by camera is set to Phonebook image or basic Stand-by, it will not be displayed after removing the microSD card.

Shooting

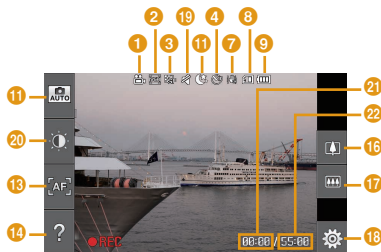
In order not to drop the FOMA terminal, attach the strap (trial) on the FOMA terminal and take the wrist through the strap.



Viewing and Operating Shooting Screen



Still image shooting screen



Moving picture shooting screen

Key operations on shooting screen

Operation	Description
Shutter key	Shutter/Start recording
Zoom wheel	Zoom
	Key/Touch panel lock
/	Exit Photo mode/Movie mode
	Switch between Photo mode and Movie mode
	Display images saved in "My picture" folder/"i-motion/Movie" folder of "Data box"

Marks (icons) displayed on shooting screen

1 Photo-mode/Movie-mode

Photo-mode Movie-mode

2 Select size

12M (4000×3000) 8M (3264×2448)
 5M (2560×1920) Wide 4M (2560×1440)
 Full HD (1920×1080) 2M (1600×1200)
 1M (1280×960) HD (1280×72)
 Wallpaper (800×480) VGA (640×480)
 QVGA (320×240) QCIF (176×144)

3 Image quality/Video quality

Super fine Fine Normal

4 Auto Timer

3sec 5sec 10sec

5 Shot mode

Normal Smile shot Beauty shot
 Continuous mode High speed shot Panorama shot
 Shoot with frame Photo with audio Art shot

6 ISO

ISO64 ISO100 ISO200 ISO400
 ISO800 ISO1600 ISO3200

7 Image stabilization

ON

8 Memory in use

microSD card No microSD card

9 Remaining battery level display**10 Number of available shot****11 Scene**

Auto Intelligent shot Portrait
 Sports Landscape Night Night portrait
 Lamp Fireworks Food

12 Flash

Auto Redeye Reduction OFF ON

13 Focus

Auto Macro Pan
 Face detection Manual

14 Camera help**15 Focus area**

Frame color changes to indicate status during auto focus.

16 Zoom in**17 Zoom out****18 Setting menu****19 Audio recording**

Mute

20 Brightness**21 Elapsed time****22 Total recordable time****Information**

- Under camera mode, the icon of showing the FOMA terminal condition (status icon) is not displayed except for battery level.

Shooting Still Images/Moving Pictures**Shooting Still Images****1 Stand-by display ►**

■ When a moving picture screen is displayed

Press .

2 Point the camera to a subject ► Shutter key**Shooting Moving Pictures****1 Stand-by display ►**

■ When a still image screen is displayed

Press .

2 Point the camera to a subject ► Shutter key

The tone sounds and recording a moving picture starts.

3 Shutter key

The tone sounds and recording a moving picture ends.

Shooting Still Images by Touch Focus

If you touch the display, the place you touched will focus automatically. Then start shooting.

- 1 Stand-by display ► 
- 2 Point the camera to a subject ► Touch display (for over 1 second)
- 3 Release your finger from the display
Starts shooting still images when the shutter rings.

Shooting Still Images in Various Modes

Smile shot

Automatically shoot when smile is sensed.

- 1 Still image shooting screen ►  ► "Shot mode" ► "Smile shot" ► [X]
- 2 Point the camera to a subject
When smile is sensed, it will shoot automatically.

Beauty shot

Enables to adjust automatically to make face expressions brightly and clearly before shooting.

- 1 Still image shooting screen ►  ► "Shot mode" ► "Beauty shot" ► [X]
- 2 Shutter key

Continuous mode

Continuously shoot while shutter key is being pressed.

- 1 Still image shooting screen ►  ► "Shot mode" ► "Continuous mode"/"High speed shot" ► [X]
- 2 Hold down the shutter key
Shoot still images while shutter key is being pressed.

Information

- It takes time to save the still images shot under "Continuous mode" or "High speed shot". Photo light (face with display) is blinking. The next shooting starts when it stops blinking.

Panorama shot

Move the FOMA terminal to upward, downward, leftward and rightward to shoot still images. Up to six still images can be made into one panorama image.

- 1 Still image shooting screen ►  ► "Shot mode" ► "Panorama shot"
- 2 Shutter key
- 3 Move the FOMA terminal towards the shooting direction ► Focus the white round on the red one located on the center of display

- Automatically shoot if focus on the red round.
- A panoramic image made of shot images is displayed.

Information

- While shooting, if touch , a panoramic image made of images shot so far will be displayed.
- While shooting, if touch [CANCEL], shooting will start from the beginning.

Shooting with frame

Shoot while displaying the selected frame.

- 1 Still image shooting screen ►  ► "Shot mode" ► "Shoot with frame"
- 2 Select a frame ► [OK]
- 3 Shutter key

Photo with audio

After shooting still images, sound can be recorded with a duration of around 10 seconds.

- 1 Still image shooting screen ►  ► "Shot mode" ► "Photo with audio" ► [X]
- 2 Shutter key
Voice record starts after shooting. Around 10 seconds will be recorded.

Art shot

Add other effects before shooting.

- 1 Still image shooting screen ►  ► "Shot mode" ► "Art shot" ► Touch a shooting mode ► [X]
- 2 Shutter key

Displaying Album

- 1 Stand-by display/Still image shooting screen/Moving picture shooting screen ►

- 2 Slide leftward or rightward

Information

- If set a still image as basic Stand-by, select a still image and touch "Set as" ► "Stand-by display"
- The edited moving pictures cannot be played from Album. Use moving pictures/i-motion player (P74) to play.

Enlarging still images

- 1 In displaying a still image of album ►
Turning zoom wheel

Playing moving pictures

- 1 In displaying moving pictures of album ►


Displaying Slide Show

- 1 In still image display ► [Slide show]

Operating Slide Show

- 1 In slide show display ► 
- 2 [Mail]/[Set as]/ 

Setting Slide Show

- 1 In slide show display ► 
- 2 [Durations]/[Sounds]/[Transitions]

Call Telephone

This FOMA terminal is not equipped with Inner camera. So the image sent to the other party during videophone call is a still image.

Making a Call/Videophone Call

Entering a phone number to make a call

1 Stand-by display ► ► Enter a phone number

- Start with a city code even for a local call.

2 [Call] (or)

A ring tone sounds from the earpiece, and the Dialing screen is displayed until the other party answers the call.

■ To make a videophone call

Touch [V. phone].

3 To end the call,

Making a call from Phonebook

1

2 Touch the entry to call ► [Call] (or)

■ To make a videophone call

Touch [V. phone].

Making a call using redial logs or received call logs

Up to 30 entries each can be saved.

- If exceeded 30 entries, the entry is deleted from the oldest.

1 ► ► "Redial" or "Received calls"

2 Touch the entry to call

3 [Call] (or)

■ To make a videophone call

Touch [V. phone].

Notifying other party of your phone number

Set whether or not to notify other party of your caller ID on the network beforehand.

1 ► "NW Services" ► "Caller ID notification" ► "Activate/Deactivate"

2 "Notify"/"Not notify"

Information

- If you hear a guidance asking to notify of your caller ID, set the caller ID notification or prefix 186 to the other party's phone number and call again.

Making an international call

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

When having subscribed to the FOMA service, you have also subscribed to "WORLD CALL" (except for those who have applied not to use the service).

- You can make calls to approximately 240 countries and regions.
- Charges for "WORLD CALL" are added to the monthly bill for the FOMA service.
- The application/monthly fee is free of charge.
- Some billing plans are not available for this service.
- Even if the caller ID notification is set, it may not be notified or phone number may not be displayed correctly, depending on the telecommunication carrier. In this case, you cannot make a call from the Received calls screen.
- For details on WORLD CALL, contact "General Inquiries" at the back of this manual.
- If you use international carriers other than DOCOMO, contact them directly.

1 Stand-by display ►  ► Enter "010 - Country code - Area code (City code) - Other party's phone number"

2 [Call] (or )

■ **To make an international videophone call**

Touch [V. phone].

Receiving a Call/Videophone Call

1 A call arrives

2 [Answer] (or )

Answer a call.

3 To end the call, 

Adjusting Earpiece Volume

1 During a call,  (マナー) /  (メモ)

When You cannot Answer a Call

Setting Record message

If the Record message is activated, the voice guidance is played when you cannot answer a voice call and the other party's message is recorded.

- The Record message does not activate when a videophone call arrives. The call arrives in a normal way.

1  ► "Other tools" ► "Record message" ► "Record msg. setting"

2 [ / ] in "Activate record msg."

- Set to  to select/set each item.

3 [OK]

When the Record message is set,  appears at the top of the screen.

Playing Record message

1  ► "Other tools" ► "Record message" ► "Record msg. list"

2 Double touch a record message

Setting Public mode (Drive mode)

The guidance is played announcing that you cannot answer the call because you are currently driving or in a place where you should refrain from talking on the phone (train, bus, or movie theater), and then the call is disconnected.

1  (for over 1 second)

When the Public mode (Drive mode) is set,  appears at the top of the screen.

■ To cancel the Public mode (Drive mode)

Touch  (for over 1 second)

Setting Public mode (Power OFF)

When a call arrives while the power is turned OFF, the guidance is played announcing that you cannot answer the call because you are in a place where you should turn the power OFF (hospital, airplane, near priority seats on a train), and then the call is disconnected.

1 Stand-by display ►  ► Enter "*25251" ► [Call] (or )

■ To cancel the Public mode (Power OFF)

In phone number entry screen, enter "*25250" and touch [Call] (or )

Using Various Network Services

Available network services

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

Service name	Subscription	Monthly fee
Voice Mail Service	Required	Charged
Call Waiting	Required	Charged
Call Forwarding Service	Required	Free
Nuisance Call Blocking	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
Public mode (Drive mode)	Not required	Free
Public mode (Power OFF)	Not required	Free
Melody Call	Required	Charged

Information

- You cannot use network services while you are out of service area or where there is no signal reception.
- For subscription or inquiries, contact "General Inquiries" at the back of this manual.
- For details on network services, see "Mobile Phone User's Guide [Network Services]".

Setting Voice mail service

- 1  ► "NW Services" ► "Voice mail" ►
Select an item

Setting Call waiting

- 1  ► "NW Services" ► "Call waiting" ►
Select an item

Setting Call forwarding service

- 1  ► "NW Services" ► "Call forwarding" ►
Select an item

Emergency call

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

Information

- This FOMA terminal supports "緊急通報位置通知 (Emergency Location Report)". When making emergency calls to 110, 119, or 118, your current location (location information) will automatically be notified to emergency report reception agencies such as the Police. The agency may not receive accurate location information depending on your current location or signal conditions. When you do not notify of your caller ID by dialing such as with "184" added, your location information and caller ID are not notified. However, when the agency judges that the location information and caller ID are necessary to protect a human life, it may acquire your location information and caller ID regardless of your setting. The region and timing "Emergency Location Report" is introduced vary depending on the preparation of respective emergency report reception agencies.
- When making a call to 110, 119, or 118 from the FOMA terminal, inform an operator that you are calling from a mobile phone and your caller ID and actual location in case the calls from police or fire station come. Do not move around while you are talking during an emergency call to prevent the call from being disconnected unexpectedly. Do not turn the power off immediately after the call is over; and keep the FOMA terminal ready to receive calls for approximately 10 minutes.
- Depending on the area where you are calling, you may not be connected to the local police or fire station.
- When you make a videophone call at 110/119/118 from the FOMA terminal, the call will turn into a voice call automatically.

Using Overseas

International roaming (WORLD WING) is a service that allows you to use the FOMA terminal used domestically in a service area of international carrier associated with DOCOMO, with the same phone number and mail address. You can use voice call, SMS, and i-mode mail functions without changing settings

● Available areas

This FOMA terminal can be used in 3G network and GSM/GPRS network service areas. Check available areas.

● Before using the FOMA terminal overseas, see the following items.

- "Int'l Service Guide" pre-installed on the FOMA terminal (Japanese only)
- "Mobile Phone User's Guide [International Services]"
- DOCOMO International Services website

Information

- For a country code, international call access code, and universal number international prefix, see "Mobile Phone User's Guide [International Services]" or DOCOMO International Services website.

Available services

Communication service	3G	GSM	GPRS
Voice call ^{*1}	○	○	○
Videophone ^{*1}	○	×	×
SMS (short message service) ^{*2}	○	○	○
i-mode site ^{*3}	○	×	○
i-mode mail	○	×	○
i-Channel ^{*3*4}	○	×	○
Packet communication by connecting to a PC	○	×	○

- *1 When you use Multi number, you cannot make a call using additional number.
- *2 If you send a message to the FOMA terminal user, enter the other party's phone number by the same operation as in Japan.
- *3 You need to make overseas usage settings for i-mode.
- *4 You need to make i-Channel usage settings for overseas. Packet communication charges when Basic channel information is updated automatically. (In Japan, it is included in i-Channel usage fee.)

Information

- Some services are unavailable depending on the international carrier or network you access. For countries, regions, and international carriers you can access, see "Mobile Phone User's Guide [International Services] or DOCOMO International Services website.

Making a call to Japan while staying overseas

Make a call with "+81" prefixed to the other party's phone number.

1 Stand-by display ►  ► [0] (for over 1 second) ► [8][1] ► Enter other party's phone number excluding the first "0"

2 [Call] (or )

■ To make a videophone call

Touch [V. phone].

Making a call to outside the country you stay (except for Japan)

Make a call with "+" and a country code prefixed to the other party's phone number.

- To make a call to a WORLD WING user overseas, enter "81" as a country code to make an international call to Japan.
- Touch [0] for over 1 second, "+" is entered.

1 Stand-by display ►  ► [0] (for over 1 second) ► Enter "Country code - Area code (City code) - Other party's phone number"

- If an area code (city code) starts with "0", remove "0". (When calling some countries such as Italy, "0" may be required.)

2 [Call] (or )

■ To make a videophone call

Touch [V. phone].

Making a call to a person in the country you stay

Make a call by dialing the other party's phone number from the area code (city code).

1 Stand-by display ▶  ▶ Enter "Area code (City code) - Other party's phone number"

2 [Call] (or )

■ To make a videophone call

Touch [V. phone].

Making a call to WORLD WING user overseas

To make a call to a WORLD WING user overseas, make a call as an international call to Japan regardless of in or out of the country you stay.

1 Stand-by display ▶  ▶ [0] (for over 1 second) ▶ [8] [1] ▶ Enter the other party's phone number excluding the first "0"

2 [Call] (or )

■ To make a videophone call

Touch [V. phone].

Receiving a call overseas

1 A call arrives

2 [Answer] (or )

Answer a call.

3 To end the call, 

Information

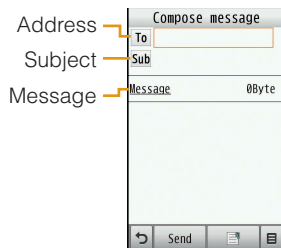
- When a call arrives during the international roaming, the call is internationally forwarded from Japan. The caller is charged for call fees to Japan, and the receiver is charged for receiving the call.

Sending i-mode Mail

Upon subscription to i-mode, you can exchange e-mail via the Internet, as well as between i-mode terminals.

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

1 ► "Compose message"



- 2 Touch  field ► "Direct input" ► Enter an address
- 3 Double touch  field ► Enter a subject
- 4 Double touch [Message] field ► Enter a message
- 5 [Send]

Attaching and sending a file

Attaching and sending a file with images or melodies attached.

- Up to 10 files, a total of 2MB, can be attached.

- 1  ► "Compose message"
- 2  ► Select an item and a file
- 3 Touch  field ► "Direct input" ► Enter an address
- 4 Double touch  field ► Enter a subject
- 5 Double touch [Message] field ► Enter a message
- 6 [Send]

Sending Deco-mail/Decome-Anime

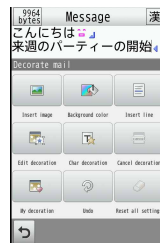
Sending Deco-mail

Create your designed mail by adding decorations such as changing font size, font color or background color, or inserting images when editing i-mode mail.



- 1  ► "Compose message"
- 2 Enter an address and a subject

- 3 Double touch [Message] field ►  ► [Decorate mail]



- 4 Use the palette to decorate a message
- 5 If the palette is open, 
 - To preview the Deco-mail message
Touch  ► "Preview".
- 6 [Set] ► [Send]

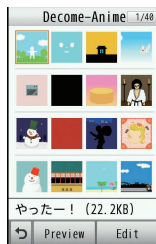
Sending Decome-Anime

Decome-Anime is a mail service that allows you to use Decome-Anime templates in which Flash images with messages or pictures are included to make mails rich.

You can use the pre-installed templates or templates purchased from IP (Information provider) site.

- 1  ► "Create new Decome-Anime"
- 2 Enter an address and a subject
- 3 Double touch "Edit" field ► Touch a template ► [Edit]

- [Preview]: Confirm the selected Decome-Anime template.



- 4 Double touch "Character" ► Enter a message ► [Done]

- 5 [Send]

Information

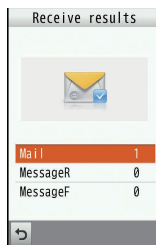
- You can also compose a mail by  ► "Template" ► "Decome-Anime" ► Double touch a template ► [Mail]

Viewing Received i-mode Mail

When the FOMA terminal is in the service area, i-mode mail is automatically sent from the i-mode center.

1 When i-mode mail arrives, appears at the top of the screen

When the reception completes, the Receive results screen appears.



2 "Mail" ► Double touch a folder

3 Double touch a mail to view

Replying to i-mode mail

Reply to the sender of i-mode mail. Replying can be made by entering new text or quoting the text of the received i-mode mail.

1 Received mail detail screen ► ► "Reply/Forward" ► "Reply"/"Reply with quote"

If "Reply" is selected, select "i-mode mail" or "Decome-Anime".

2 Enter a subject and a message

3 [Send]

Checking for new i-mode mail

When the FOMA terminal is out of service area, etc. and therefore i-mode mails are failed to be received, they are stored in the i-mode center. Check with the i-mode center for new messages to receive stored i-mode mails.

- 1  ► "Check new messages"

Sorting mails

Set sorting criteria to automatically save mails to specified folders.

- Create sorting folders in "Inbox" and "Outbox" beforehand.

- 1  ► "Mail setting" ► "Auto sort"
- 2 "Sort inbox"/"Sort outbox"
- 3 Double touch the Sorting rule setting field
- 4 Double touch the Sorting criteria field ►
Set the sorting criteria
- 5 Touch the Folder to sort into field ►
Double touch the folder for sorting mails
► [Save]

Using SMS

Sending SMS

Send a message addressed to a mobile phone number.

- 1  ► "Compose SMS"



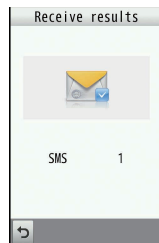
- 2 Touch  field ► "Direct input" ► Enter a phone number
- 3 Double touch [Message] field ► Enter a message
- 4 [Send]

Viewing received SMS

SMS messages are sent automatically when the FOMA terminal is in the service area.

- 1 When an SMS arrives,  appears at the top of the screen

When the reception completes, the Receive results screen appears.



- 2 Double touch the receive results screen ► Double touch a folder
- 3 Double touch an SMS to display

Two types of Phonebooks are available with the FOMA terminal: FOMA terminal Phonebook to be saved on the FOMA terminal and UIM Phonebook to be saved on the UIM. Entry items that can be saved/ set for each Phonebook are as follows.

Item		FOMA terminal Phonebook	UIM Phonebook
Entry details	Name (Reading)	1 entry	1 entry
	Phone number	5 entries	1 entry
	Mail address	3 entries	1 entry
	Group	31 groups	11 groups
	Image	1 entry	Not available
	Other settings	Secret code, Ringtone, Mail ring tone, etc.	Not available

Adding Phonebook Entries

Adding new phone number, mail address, etc.

1  (for over 1 second)



2 Touch "Registered memory" field ► "Phone"/"UIM"

3 Set each item

4 [Save]

Adding Phonebook entries from redial or received calls

- 1  ►  ► "Redial" or "Received calls"
- 2 Touch the phone number to add ►  ► "Add to phonebook"
- 3 "New registration"
- 4 Add Phonebook ► [Save]

Editing Phonebook Entries

- 1  ► Double touch the entry to edit ► [Edit] ► Edit each item
- 2 After finishing edit, [Save] ► "Yes"

Deleting Phonebook Entries

- 1  ► Double touch the Phonebook entry to delete ►  ► "Delete"
- 2 "Yes"

Checking Phonebook Storage Status

Check the Phonebook storage status of the FOMA terminal and UIM.

- 1  ► "Phonebook" ► "No. of phonebook"

Viewing Call/Mail History

- 1  ► "Call/Mail history" ► Touch the log to view

i-mode

i-mode is a service that makes use of the display of the FOMA terminal supporting i-mode (i-mode terminal) to enable you to use online services such as site access, Internet access, and i-mode mail.

- i-mode is a fee-based service requiring a subscription.
- For details on i-mode, see "Mobile Phone User's Guide [i-mode] FOMA version".

Before using i-mode

- Contents of sites or Internet websites are generally protected by copyright law. Data, such as text or images you download to the i-mode terminal from sites or web pages, can be used only for personal entertainment, but cannot be used, in whole or in part, as it is or after modification, for sale or redistribution, without the consent of the copyright holders.
- If you replace the UIM with another one or turn the power ON with the UIM not inserted, you cannot display/play files, depending on the model, such as still images, moving pictures, melodies obtained from sites, attached files (still images/moving pictures/melodies, etc.) sent/received by mail, screen memos, or Message R/F.
- When a file with the UIM restriction is set as the basic Stand-by or ring tone, the setting will revert to default if a different UIM is inserted or the power is turned ON with the UIM not inserted.

Displaying i-mode Site

- 1   ► "i-mode" ► "i Menu/Search"

Viewing and Operating Sites

Selecting a site to display

- 1 While viewing a site ► Double touch an item (link)

During i-mode communication,  blinks at the top of the screen.



Operations while viewing a site

Operation	Description
Touch	Select a link/move pointer*
Double touch	Display a destination link
Slide	Scroll a screen/ move pointer

* If set "Pointer display setting" to "ON", pointer can be operated.

Saving frequently accessed sites as bookmarks

Save sites as bookmarks to display your favorite pages quickly.

- 1 While viewing a site ►  ► "Bookmark" ► "Add"
- 2 Touch Title field ► Edit a title ► [OK] ► Double touch a destination folder

Displaying homepages or sites from bookmarks

- 1  ► "i-mode" ► "Bookmark"
- 2 Double touch a folder ► Double touch  of a bookmark to view

Saving Screen memos

Save the currently displayed page as a Screen memo. Saved Screen memo pages can be displayed without connecting to i-mode.

- Some sites are set to disable saving Screen memos. In this case, a page cannot be saved as a Screen memo.

- 1 While viewing a site ►  ► "Screen Memo" ► "Add" ► "Yes"

Displaying Screen memos

- 1  ► "i-mode" ► "Screen Memo"
- 2 Double touch a Screen memo to view

Full Browser

Using Full browser, you can browse web pages designed for PCs on the FOMA terminal.

- Some pages may not be displayed correctly.
- Note that you are charged a high communication fee for massive data communication such as browsing web pages containing many images or downloading data files. For details on packet communication fee and billing plan, see "Mobile Phone User's Guide [i-mode] FOMA version".

Displaying Web Pages Designed for PC

1 ► "Full Browser Home"

Information

- SSL/TLS-compatible web pages can be displayed with Full browser.
- SSL/TLS are the methods to communicate safely with authentication/encryption technologies. SSL/TLS pages prevent others from eavesdropping, spoofing, and altering information during communication by exchanging encrypted data, and enable you to exchange your personal information such as credit card number and address safely.

Saving frequently accessed web pages as bookmarks

Save sites as bookmarks to display your favorite pages quickly.

- 1 While viewing a web page ►  ► "Bookmark" ► "Add"
- 2 Touch Title field ► Edit a title ► [OK] ► Double touch a destination folder

Displaying web pages from bookmarks

- 1  ► "i-mode" ► "Bookmark"
- 2 Double touch a folder ► Double touch  to view ► "Yes"

Switching i-mode to Full browser

- 1 While viewing an i-mode site ►  ► "Full Browser" ► "Switch to Full Browser" ► "Yes" / "Yes (default)"

Information

- The billing system for Full browser is different from the one for i-mode. Packet communication charges may be highly increased when Full browser is used, depending on the data communication volume, so, it is recommended to subscribe to i-mode packet flat-rate service.

This service distributes information such as news and weather forecast to i-Channel compatible terminals. The automatically received latest information appears as a ticker on the basic Stand-by. Double touch the ticker to display the latest information in the channel list.

- i-Channel is a fee-based service requiring a subscription (the i-mode contract is necessary for this subscription).

i-Channel has two types of channels: "Basic channel" provided by DOCOMO and "Okonomi (Optional) Channel" provided by IP (Information Provider). For "Basic channel", no packet communication charges apply for automatically updating information. For "Okonomi (Optional) Channel" in which you can save and use your favorite channels, packet communication charges apply for automatically updating information. Note that packet communication charges apply for browsing detailed information for both "Basic channel" and "Okonomi (Optional) Channel". When you use the international roaming service, packet communication charges apply for both automatically updating information and browsing detailed information.

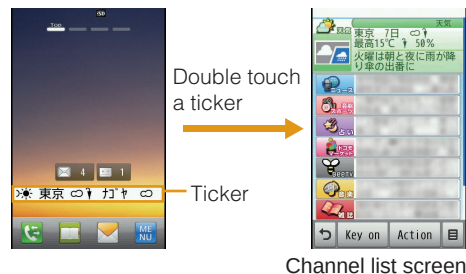
- For details on i-Channel, see "Mobile Phone User's Guide [i-mode] FOMA version".
- The i-Channel service is provided in Japanese only.

Displaying i-Channel

If you subscribe to i-Channel, information automatically appears as a ticker on the basic Stand-by when the information is received.

- While the Public mode (Drive mode) is set, the ticker does not appear.

1 "i-Channel" ► "i-Channel list"



2 Select a channel item screen

Connect the FOMA terminal with a site. The detailed information is displayed.

Information

- On the Channel list screen, items cannot be selected by touching the screen. After touching [Key on], operations are available by touching the key displayed.

Music&Video Channel

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

- Music&Video Channel is a fee-based service requiring a subscription (You also need to subscribe to i-mode and i-mode packet flat-rate service).
- In addition to the usage fee for the Music&Video Channel, some programs may require additional information fees.
- After subscribing to Music&Video Channel, if you insert the UIM into a Music&Video Channel-incompatible FOMA terminal, the service becomes unavailable. However, service fees will still apply unless you cancel the Music&Video Channel subscription.
- You cannot set or obtain programs during international roaming*. When you go overseas, halt the distribution of programs beforehand. When you come back to Japan, resume starting distribution.

* Packet communication charges apply if trying to set or obtain programs during international roaming.

- For details on Music&Video Channel, see "Mobile Phone User's Guide [i-mode] FOMA version".
- The Music&Video Channel service is provided in Japanese only.

Setting Programs

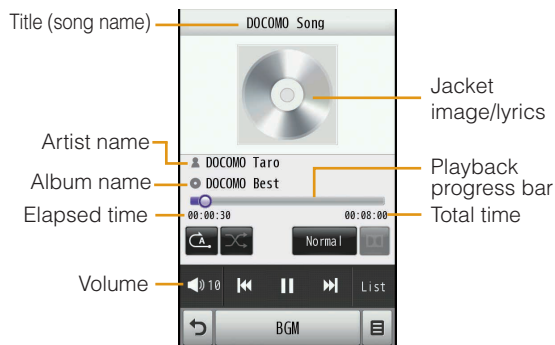
- 1  ► "Music&Video Ch"
- 2 "Set program" ► "Yes"
- 3 Follow on-screen instructions to set programs

Playing Programs

- 1  ► "Music&Video Ch" ► Double touch a program
- Operations on Music&Video Channel player screen

Operation	Description
	Pause/play
 (for over 1 second)	Find the beginning of the program and pause
 (マナー) /  (メモ) / 	Adjust volume
	Play from the beginning of the key current chapter or play the previous/next chapter
 (for over 1 second)	While touching, rewind/fast-forward
	Exit Music&Video Channel player

Viewing and Operating Music Player Screen



Operations on Music player screen

Operation	Description
	Pause/play
(for over 1 second)	Find the beginning of the current program and pause
(マナー) / (メモ) /	Adjust volume
	Play from the beginning of the key current chapter or play the previous/next chapter

(for over 1 second)	While touching, rewind/fast-forward
	Switch the setting to shuffle
	Switch the setting to repeat
	Switch equalizer between ON and OFF
Normal	Switch between the settings of equalizer
Touch image	Display the previous/next image
► "Jacket image"	Switch the Jacket image/save the jacket image in "Data box"
► "Lyric"	Display/hide lyrics
[List]	Display Music data list screen is displayed on the upper right of the Jacket of the song being played on the list screen
[BGM]	Back to basic Stand-by and play as BGM
	Exit Music player

Information

- When "Auto screen rotation" (P27) is set to , rotate the top part of the FOMA terminal to left to switch Music playback to horizontal screen.

Downloading Chaku-Uta Full®

- 1 Display a site that contains Chaku-Uta Full® songs ► Select a Chaku-Uta Full® song to download
- 2 "Save"
- 3 "to handset"/"to microSD"
 - When selecting "to handset", touch a folder to save ► Touch [Select].
 - The selection of microSD card is available only when microSD card is inserted.

Information

- Before downloading music data from websites, read the license agreement (license and prohibited activities, etc.) carefully.
 - Music data saved on the FOMA terminal or on a microSD card can be used for personal use only. When using, do not violate a third party's intellectual property right such as copyright, and other rights. Do not copy or move music data saved on the FOMA terminal or on a microSD card to other media such as a PC.
 - The packet communications charges for updating the time limit of international roaming is out of i-mode packet flat-rate service.
- * "Chaku-Uta Full" is a registered trademark of Sony Music Entertainment Inc.

Playing Music Data

Example: To play music in "All songs"

- 1  ► "MUSIC Player"
- 2 Double touch the music data

"i-αppli" is a software for i-mode compatible mobile phones. Download various software from i-mode sites to use the FOMA terminal more conveniently by updating stock price or weather information automatically, or enjoying games without connecting to network, etc.

- Packet communication charges apply.
- For overseas use, packet communication charges differ from domestic charges.
- For details on i-αppli, see "Mobile Phone User's Guide [i-mode] FOMA version".

Downloading i-αppli from Sites

Download software from a site and save it to the FOMA terminal.

1 While viewing a site ▶ Select a software ▶ "Yes"

2 Download completes ▶ "Yes"

The downloaded software starts.

Starting i-αppli

1  ▶ "i-αppli" ▶ "Software list"

2 Double touch a software

 To exit i-αppli

Press  ▶ "Yes".

Deleting i-αppli

1  ▶ "i-αppli" ▶ "Software list" ▶ Touch a software ▶  ▶ "Delete" ▶ "One" ▶ "Yes"

Information

- If a pre-installed i-αppli is deleted, you can download from "WOW LG" site (Japanese only). From this site, you can download pre-installed Deco-mail picture, Deco-mail pictogram, Decome-Anime, wallpaper, melody, i-motion, etc. as well as i-αppli.

 ▶ "i-mode" ▶ "i Menu/Search" ▶ "メニューリスト (Menu List)" ▶ "ケータイ電話メーカー (Mobile Phone Maker)" ▶ "WOW LG"

* Packet communication charge applies for downloading.

i-motion is a moving picture data with video and sound. i-motion can be downloaded from i-motion sites and can be played, saved, and set as the basic Stand-by or ring tone, etc.

i-motion types

● Standard type

There are following two formats.

- ① Format to be played back after downloading (Up to 10MB)
- ② Format to be played back while downloading (Up to 10MB)
 - Some standard-type i-motion may not be saved, depending on i-motion.

● Streaming type

This type allows you to play back i-motion while downloading. Up to 10MB of i-motion can be played back. Data is deleted after playback and cannot be saved on the FOMA terminal.

Downloading i-motion from sites

- Downloaded i-motion is saved to "i-mode" folder in "i-motion" of "Data box" or a microSD card.

1 While viewing a site ► Select i-motion

2 After playback or downloading, "Save"

3 "to handset"/"to microSD"

- When selecting "to handset", touch a folder to save ► Touch [Select].
- The selection of microSD card is available only when microSD card is inserted.

Playing i-motion

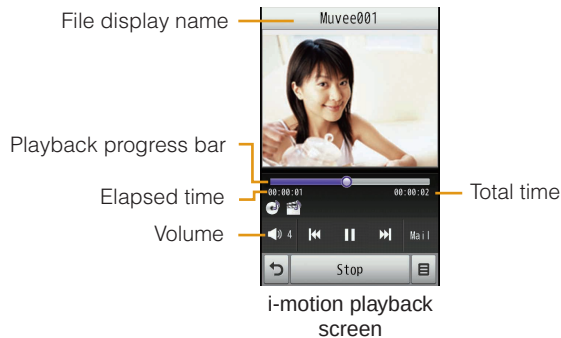
Play moving pictures you recorded or i-motion downloaded from sites or i-mode mails.

1 ► "Data box" ► "i-motion/Movie"

2 Double touch a folder

3 Double touch a file

- When playing back moving picture/i-motion (with video) for the first time, a confirmation appears asking whether to play i-motion in full screen at any time. Select "Yes" to play in full screen (horizontal).



● Operations on i-motion playback screen

Operation	Description
 / 	Pause/play
 / 	Play from the beginning of the key current chapter or play the previous/next chapter
 /  (for over 1 second)	While touching, rewind/fast-forward
 (マナー) /   (メモ) / 	Adjust volume
[Stop]	Stop

Information

- When "Auto screen rotation" (P27) is set to , rotate the top part of the FOMA terminal to left to switch Music playback to horizontal screen.
- The moving pictures shot by HD (1280X720) cannot be played on moving pictures/i-motion player. Use Album (P49) to play.

Using Playlist

Specify the playback order of moving pictures/i-motion on a playlist. Choose your favorite moving pictures/i-motion saved on a microSD card or FOMA terminal to play them in your favorite order.

Creating a playlist

- 1  ► "Data box" ► "i-motion/Movie" ► "Playlist"
- 2 [New] ► Enter a playlist name
- 3 [Add] ► Double touch a folder
- 4 Touch a moving picture/i-motion ► [Select]
- 5 Check moving pictures/i-motion to save to a playlist ► [Done]

Playing a playlist

- 1  ► "Data box" ► "i-motion/Movie" ► "Playlists"
- 2 Double touch a playlist to play

Convenient Tools

Using Schedule

Save schedules such as meetings or appointments.

- 1  ► "Schedule" ► Touch a date to save to Schedule ► [Add new]
- 2 Set each item
- 3 [Save]

Using Alarm

Use the FOMA terminal as an alarm clock.

- 1  ► "Alarm"
- 2 Touch an alarm to edit ► [Edit]
- 3 Set each item
- 4 [Save]

Bluetooth Function

If connect the FOMA terminal and wireless earphone set 02 (optional) with Bluetooth communication, you can make a call or listen to music while putting the terminal into your bag.

Registering Bluetooth device into the FOMA terminal

Register Bluetooth device into the FOMA terminal. Set the Bluetooth device to Stand-by condition beforehand.

Example: Register wireless earphone set 02 and connect through hands free service

- 1  ► "Bluetooth" ► Set [ / ] to  in "Bluetooth" ► "Register New Devices"
- 2 Select wireless earphone set 02 ► "Yes"
 - When register devices other than wireless earphone set 02, Bluetooth pass key is required to enter.

Connecting with Bluetooth device

- 1  ► "Bluetooth" ► Set [ / ] to  in "Bluetooth" ► "Device list"
- 2 Select Bluetooth device ► "Connect" ► Select connected service
 - While connecting with Bluetooth device,  blinks in Stand-by.

Operating from PC to FOMA terminal

Connect a PC supported Bluetooth communication and FOMA terminal through Bluetooth communication, and operate on PC.

- 1  ► "Bluetooth" ► "Accept OSP Device" ► "Yes"
 - Touch [Cancel] to disconnect the communication.
- **LG On-Screen Phone (OSP)**

LG On-Screen Phone is a function that enables to display the FOMA terminal screen and operate FOMA terminal through mouse and keyboard.

You can use PC keyboard to enter characters, use alarm, schedule and make a call through PC, or deal with files between PC and the FOMA terminal by dragging and dropping.
- **OSP**

For downloading operation method, PC software or other detailed information, please refer to the following home page.

 - From PC <http://www.lg.com/jp/mobile-phones/download-page/index.jsp>

Using Google

Before using Google, check the precautions first.

- 1  ► "Google"

Check the precautions on display.
- 2 "Agree and continue"

Using Google Search

Use Google to enable search via Internet.

- 1  ► "Google"
- 2 "Search" ► Enter a word to search

Using YouTube

Connect YouTube and watch movies.

1  ► "Google"

2 "YouTube"

Using Picasa

Connect Picasa and view still images.

1  ► "Google"

2 "Picasa"

Using Google Map

Connect Google Map and check map.

1  ► "Google"

2 "Map"

For following operations, follow the instructions on screen.

Using Gmail

Use Gmail to send mails.

1  ► "Google"

2 "Gmail"

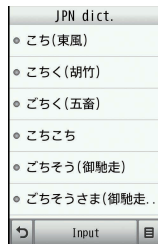
Follow the instructions on screen.

Using Various Convenient Tools

Using dictionary

Use Japanese dictionary, English-Japanese dictionary, and Japanese-English dictionary.

- 1  ► "Dictionary" ► "JPN dict."/"ENG-JPN dict."/"JPN-ENG dict."
- 2 Enter a word to search
- 3 Touch the word



Search result list screen

Viewing a document

View a document file saved on a microSD card.

- Available file types are Microsoft Word, Microsoft Excel, Microsoft PowerPoint, and PDF. However, Word 2007 or later, Excel 2007 or later, PowerPoint 2007 or later files cannot be viewed. Also, some files may not be viewed depending on the file type.

- 1  ► "Document viewer" ► Double touch a document

Data Management

Using microSD Card

Copy files saved in Data box on the FOMA terminal, such as images, moving pictures/motion, to a microSD card. Also, display files saved from a PC to a microSD card on the FOMA terminal.

- L-03C supports a microSD card of up to 2GB and a microSDHC card of up to 16GB (commercially available) (as of Dec, 2010). For the latest information on operation check including manufacturer and capacity of microSD card, visit the following site (Japanese only). Other than microSD cards, those which are not listed on the site may not function.

- From i-mode: "i Menu/Search" ► "メニューリスト (Menu List)" ► "ケータイ電話メーカー (Mobile Phone Maker)" ► "WOW LG"
- From a PC: <http://www.lg.com/jp/>

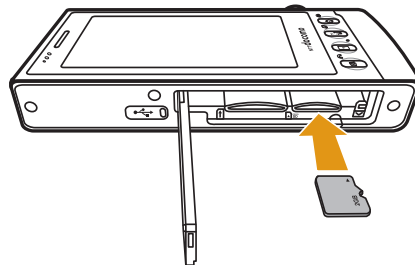
Note that information on the sites shows the results of operation checks and all the operations are not always guaranteed.

- Before inserting or removing a microSD card, perform the operation of "Turning power OFF", and, with the face with display up, remove the back cover and battery pack.

Inserting a microSD card

Hold the FOMA terminal with both hands when inserting the microSD card.

- 1 With the microSD card metal contact side down, insert it slowly in direction of arrow till it clicks.



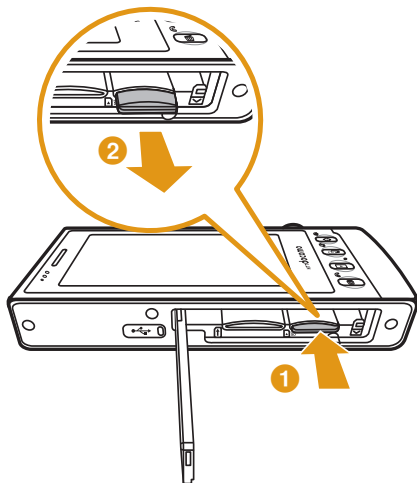
Information

- When inserting a microSD card, pay attention to the direction and insert it correctly. If inserted in the wrong direction, damage to the microSD card and the guide may result.
- A microSD card cannot be used if inserted incorrectly.

Removing a microSD card

Hold the FOMA terminal with both hands when removing the microSD card.

- 1 Slightly press the microSD card in direction ①
- 2 Remove the microSD card straight in direction of ②



Resetting a microSD card

Reset (initialize) a microSD card so that it can be used on the FOMA terminal.

- 1  ► "Other tools" ► "microSD" ► "Reset microSD card"
- 2 "Yes" ► Enter the Terminal security code

Information

- Make sure to use this FOMA terminal when resetting a microSD card.
- Note that all data on the microSD card is deleted when resetting.

Viewing/playing files on a microSD card

View/play files on a microSD card in the same way as on the FOMA terminal using "Data box".

1  ► "Data box" ► "My picture" / "MUSIC" / "i-motion/Movie" / "Melody"

2 Double touch "microSD"

- If you select "Music" in Step 1, "Movable contents" is displayed instead of "microSD".

Copying/moving files between the FOMA terminal and a microSD card

Copy/move files between the FOMA terminal and a microSD card by copying/moving files between the "microSD" folder and other folders in Data box.

Example: To move a Deco-mail picture on the FOMA terminal to a microSD card

1  ► "Data box" ► "My picture"

2 Double touch a folder

- Select another folder other than "microSD".

3 Touch a file ►  ► "Move" ► "One"

4 "microSD"

5 Touch a destination folder ► [Select]

Backing up data to a microSD card

Select a data type and copy personal data saved on the FOMA terminal to a microSD card at once.

Personal data includes the following items.

- Phonebook
- Schedule
- Memo
- To do list
- Inbox
- Outbox
- Unsent message
- Bookmark

1  ► "Other tools" ► "microSD" ► "PIM"

2 [Backup] ► Select a type of data to copy

3 Enter the Terminal security code ► "Yes"

Connecting to a PC

Connect the FOMA terminal to a PC and exchange WMA/MP3 files or images on a microSD card.

In addition, access the Internet and perform data communication.

- USB Cable for Data Communication (trial) is required.
- To perform data communication, install L-03C communication setting files from the supplied CD-ROM. For details, see "Manual for PC connection" in the supplied CD-ROM.

Information

- If you use a USB HUB, the FOMA terminal may not work properly.

Troubleshooting

- First, check whether the software update is required. If required, update the software. (Updating Software →P88)
- When the conditions are not improved even after you checked the following symptoms, contact "Repairs (Japanese only)" at the back of this manual or a repair counter specified by DOCOMO.

Category	Symptom	Check
Power	Power does not turn ON	• Is the battery pack inserted correctly? • Is the battery pack charged?
Charge	Cannot charge (Charging light does not turn on or blinks)	• Is the battery pack inserted correctly? • Is the adapter power plug correctly connected to an electric outlet or cigarette lighter socket? • Is the adapter connected to the FOMA terminal correctly? • If the AC adapter (optional) is used, are the AC adapter connector and FOMA Charging microUSB Plug Adapter L01 connected to the FOMA terminal firmly? • If a call or communication is made or operations of other functions are performed for a long time while charging, the FOMA terminal may become hot and the charging light may blink. In this case, charge again after the FOMA terminal cools down.

Category	Symptom	Check
Terminal operation	Becomes hot during operations or charging	The FOMA terminal, battery pack, or adapter may become hot during operations or charging, or when using i-appli, videophone function, etc. for a long time while charging. This is not a safety hazard, so, you can continue to use them.
	Battery usage time is short	- Is the FOMA terminal left with the out of service area condition for a long time? As the FOMA terminal searches for radio wave to make communication possible under the out of service area condition, more electricity is consumed than usual. - The battery pack usage time differs depending on the ambient environment or the degradation level. - The battery pack is a consumable. The available usage time shortens every time the battery pack is recharged. If the usage time becomes extremely shorter than at the time of purchase even if the battery pack is fully charged, purchase the specified battery pack.

Category	Symptom	Check
Terminal operation	Power turns off or automatic restart occurs	If the battery pack terminal is dirty, the contact may become poor and the power may be turned off. If it is dirty, clean with dry cotton swabs.
	Keys do not respond	Is Lock all set?
	UIM is not recognized	Is the UIM installed in the right direction?
	Clock is off	The clock may be off if the power stays on for a long time. Confirm if Auto time adjust is set to ON, and then turn the power on at a place with a good reception.
Call	Calls cannot be made even if touch the dial icon	- Is Dialing call lock set? - Is Lock all set? - Is Self mode set?

Category	Symptom	Check
Call	Cannot talk ("圏外 (Out of service)" does not disappear even when you move, or making/receiving calls is unavailable although radio wave is strong enough)	• Turn the power off and on, or remove and install battery pack or the UIM. • Even when "FOMA terminal is not out of service area" or "signal strength is shown as ", calls may not be made or received due to the type of radio waves. Move to other place and call again. • Is incoming restriction such as Reject on list or Accept/Reject call set? • Depending on crossing of radio waves, calls or mails are crossed at the crowded places and 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 later.

Warranty and After-Sales Service

Warranty

- Be sure to receive a warranty at the time of purchase of the FOMA terminal. Read contents of the warranty and confirm information such as "shop name and date of purchase" and keep it in a safe place. If necessary items are not described, immediately contact the shop of purchase. The warranty for free repair is valid for one year from the date of purchase.
- This product and its accessories are subject to change, in part or whole, for improvement without prior notice.

After-sales service

● For problems with your FOMA terminal

Before asking repairs, check "Troubleshooting" in this manual or "Guide (Japanese only)" installed in this FOMA terminal. If the problem still persists, contact "Repairs (Japanese only)" at the back of this manual and consult them.

● For repairs after inquiry

Bring your FOMA terminal to a repair counter specified by DOCOMO. Repairs are accepted during business hours of a repair counter. Note that it may take some days to repair the terminal depending on the malfunction state.

■ During the warranty period

- The FOMA terminal is repaired at no charge under the conditions of the warranty.
- Make sure to bring the warranty for repair. You will be charged even during the warranty period if the warranty is not presented or the trouble or damage is caused by your inappropriate handling (such as damage to LCD or connector, etc.).
- You will be charged even during the warranty period if malfunction is caused by the use of devices and consumables other than those specified by DOCOMO.

■ Repair may not be possible in the following cases

- When a repair counter judges the cause of malfunction is exposure to water (Example: when the waterproof sticker reacts)
- When, as the result of inspection, corrosion is found due to exposure to water, condensation or sweat, or any of the internal boards are damaged or deformed (damage to the external connector terminal (headphone/microphone terminal), LCD, or cracked body could be the case as well)

* Since these conditions are outside the scope of the warranty, any repairs, if at all possible, will be charged.

■ After expiration of the warranty

- All repairs that are requested are charged.

■ Replacement parts

- Replacement parts (parts required to maintain production function) will be kept in stock for four years in principle after termination of production. However, repair may not be possible due to a lack of replacement parts depending on the failure part.

● Notes

- Do not modify the FOMA terminal or its accessories.
 - Depending on the details of modification, repair may be refused. Modifications may include the following cases:
 - Put a sticker on LCD or keys
 - Add a decoration to the FOMA terminal with adhesive
 - Replace exterior with one other than DOCOMO genuine products
 - Repair of malfunction or damage caused by modification is charged even during the warranty period.
- Do not remove the nameplate placed on the FOMA terminal. If the details described on the nameplate cannot be checked, repair may be refused as we cannot verify the conformity of the product to the technical standard.
- The settings of various functions and information such as total call time may be cleared (reset) by malfunction, repair or other handling of FOMA terminal. In such a case, make settings again.
- The parts generating magnetism are used in the following portions of the FOMA terminal. Note that the card may become unusable if placing a magnetism sensitive object such as cash card near the FOMA terminal.
Portions: Speaker and earpiece
- If the inner side of the FOMA terminal gets wet or moist, immediately turn the power off and remove the battery pack, and then visit a repair counter. Depending on the conditions of the FOMA terminal, repair may not be possible.

i-mode Fault Diagnosis site

Check whether your FOMA terminal is properly sending/receiving mails, downloading images/melodies. As a result of your check, if you think that the FOMA terminal is malfunctioning, contact "Repairs (Japanese only)" at the back of this manual.

- How to access "i モード故障診断サイト (i-mode fault diagnosis site)" (Japanese only)
i-mode site: i Menu ▶ お知らせ (Note) ▶ 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 (Inquiries for malfunction and signal) ▶ i モード故障診断 (i-mode fault diagnosis)

* Charges apply when accessing from overseas.

Updating Software

You can connect to network to check if your FOMA terminal needs an update, and if necessary, download part of the software through packet communication to update the required software*.

* Camera functions are not updated during software update. Refer to "Updating Camera Functions" (P90) for details.

When the software is required to update, check the DOCOMO website and "お客様サポート (user support)" in i Menu (Japanese only). "auto-update", "Now update", and "Reserve" are available for updating software.

- Software can be updated with data such as Phonebook entries, camera images, downloaded data retained in the FOMA terminal. Note that, however, such data may not be protected depending on the conditions of the FOMA terminal (malfunction, damage, exposure to water, etc.). It is recommended that you make a backup of important data. Note that some data such as downloaded data cannot be backed up.

Before updating software

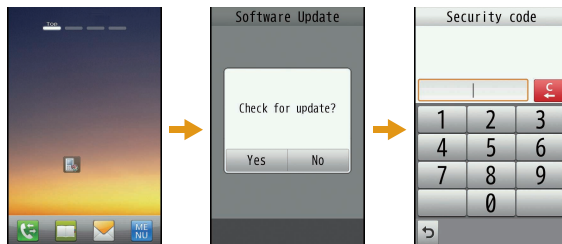
- Do not remove the battery pack while updating software. Failure of updating software may result.
- Fully charge the battery pack before updating software.
- Software update (downloading or rewriting) may take time.
- You cannot make or receive calls, use communication functions or other functions while updating software. (You can receive voice calls while downloading.)
- It is recommended to update software in a location with strong signal reception with three antenna bars displayed while you are not moving. During software download, if signals become weak, or download is suspended, retry software update in a location with strong signal reception.
- When updating software, the information of your FOMA terminal (such as model name or serial number) is automatically sent to the server (software update server managed by DOCOMO). DOCOMO does not use the sent information for other purposes than for software update.
- If software update fails, the message, "Rewrite failed", appears and all operations become unavailable. In this case, you need to bring the FOMA terminal to a repair counter specified by DOCOMO.

How to update software

To start software update, select  (update notice icon) displayed on the basic Stand-by, or perform from the menu screen.

1 To select (update notice icon)

Basic Stand-by ► Touch  (Update notification icon) ► "Yes" ► Enter the Terminal security code

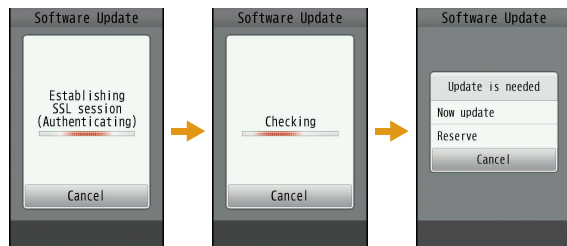


To perform from the menu screen

**ME
NU** ▶ **"Other setting" ▶ "Software Update" ▶ Enter the Terminal security code ▶ "Update"**

Communication starts and check for software update.

- If update is necessary, the software update confirmation screen appears.
- If update is not required, "No update is needed. Continue to use as before" appears.



Updating Camera Functions

When camera function of this FOMA terminal is required to update, use microSD card to update the part of the software that downloaded by PC to make the camera easier to operate.

Please view DOCOMO website and "お客さまサポート (user support)" in i Menu (Japanese only) if camera function is required to update.

Refer to the following home page for detailed information about downloading camera function software and installation procedures.

<http://www.lg.com/jp/mobile-phones/download-page/index.jsp>

Information

- Note that although during updating camera function, data registered in FOMA terminal such as Phonebook, camera images or downloaded data can be saved, depending on the condition of your FOMA terminal (malfunction, damage, getting wet, etc.), data may not be able to protected. Backup of the necessary data is recommended. However, note that the downloaded data may not be able to backup.

Checking Harmful Data

In data or programs downloaded to the FOMA terminal, detect and delete data that could cause operational malfunction or stop activating applications.

- The scanning function helps to protect the FOMA terminal from invasion of data that cause failure when browsing web pages or receiving mail, etc. If the pattern definition corresponding to each failure is not downloaded or found, the scanning function cannot protect the FOMA terminal.
- Pattern definitions vary depending on the FOMA terminal model. Therefore, DOCOMO may discontinue distribution of pattern definitions for models three years after the release date.

Updating pattern definitions

First, update the pattern definition to the latest one.

1  ► "Lock/Security" ► "Scanning function" ► "Update" ► "Yes" ► "Yes"

Updating starts. After update completes, the notification screen appears.

- If the pattern definition is the latest one, the screen notifying that it is the latest appears.

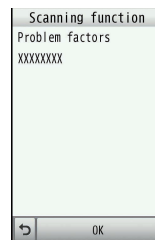
2 [OK]

Displaying scanned result

● Displaying scanned problem factors

Select "Detail" on the alert level screen to display the problem factor list screen shown on the right.

- The screen image is an example. On the actual screen, the detected data name is displayed in the place of "XXXXXXXX".
- Depending on the type of the detected data, "Detail" may not be displayed.
- When six or more problem factors are detected, subsequent factors after sixth one are omitted and only the total number of factors is displayed.



● Displaying scanned result

Alert level 0	Alert level 1	Alert level 2	Alert level 3	Alert level 4
"OK": Continue the operation.	"Yes": Stop the operation and exit. "No": Continue the operation.	"OK": Stop the operation and exit.	"Yes": Delete data and exit. "No": Stop the operation and exit.	"OK": Delete data and exit.

- The screen may be different from the above depending on the scanned result.

Introduction of Options and Related Devices

Combine the FOMA terminal with various optional devices to make it more convenient for expanded purposes, from personal to business. Some products may not be available depending on the area. For details, contact a service counter such as the docomo Shop. For details on optional devices, see the related instruction manuals.

- Battery Pack L09
 - FOMA Charging microUSB Plug Adapter L01
 - Earphone Plug Adapter L01
 - FOMA AC Adapter 01^{**2}/02^{**2}
 - FOMA AC Adapter 01 for Global use ^{**2}
 - FOMA DC Adapter 01^{**1}/02^{**1}
 - FOMA Dry Battery Adapter 01^{**1}
 - FOMA Portable Charging Adapter 02^{**1}
 - Wireless Earphone Set 02
 - Bone Conduction Microphone/Receiver 02
 - Carry Case 02
- *1 The supplied FOMA Charging microUSB Plug Adapter L01 is required to connect L-03C.
- *2 Charging with AC adapter → P21

Menu List

Items indicated by return to the default when executing "Reset settings". →P43

Communication

● Phonebook

Add to phonebook	
Search phonebook	
No. of phonebook	
Phonebook setting	Default mode
	Create domain list
	Accept/Reject list
	Set image display
Group setting	
Call duration	
Call costs	Check call costs
	Set call cost limit
	Delete call cost icon

● i-mode

i Menu/Search	
Bookmark	
Screen Memo	
Last URL	
Enter URL	Input Address
	URL enter history
i-mode setting	i-mode Browser Settings
	Full Browser Settings
	Common Settings
	Confirm i-mode setting
	Reset i-mode setting
Internet search	

● i-Channel

i-Channel list
i-Channel setting
Reset i-Channel

● Mail

Inbox	Inbox
	MessageR
	MessageF
Outbox	Outbox
Unsent message	
Compose message	
Create new Decome-Anime	
Compose SMS	
Template	
Check new messages	
Check new SMS	
Receive option	
Mail setting	Receive option set
	Receive attach file
	Check new messages setting
	Font size
	Folder lock
	Melody auto play
	Receiving display
	Auto-display setting
	Mail group

Mail setting	Auto sort
	SMS setting
	Phone information use setting
	Edit
	Check settings
	Reset settings

● Full Browser Home

Full Browser Home

● Call/Mail history

Received calls
Redial
Recent calls
Received mails
Sent mails
Recent mails

● Dial

Dial

● Own number

Own number

Multimedia

● Data box

My picture	i-mode
	Camera(microSD)
	Decomail picture
	Decomail picto.
	Preinstalled
	Frame
	Data transfer
	Slide show
	microSD
	Search by i-mode
MUSIC	Playlist
	i-mode
	Movable contents
	Resume play
	Transferred from PC
	Search by i-mode
Music&Video Ch	Distributed program
i-motion/Movie	i-mode
	Camera(microSD)
	Preinstalled
	Playlist
	Data transfer
	microSD
	Search by i-mode

Melody	i-mode
	Preinstalled
	Data transfer
	microSD
	Search by i-mode
Other	

● i-appli

Software list	
i-appli info	Security error history
	Auto start info
	Trace info
	Stand-by error info
i-appli setting	Display SW info
	Auto start set
	End stand-by display

● MUSIC Player

All songs
Playlist
Artist
Genre
Album

● Music & Video Ch

Channel 1
Channel 2
Set program
Program list
About this service

● Google

Google

● Document viewer

Document viewer

● Muvee Studio

Muvee Studio

● Game

Omikuji
M-toy Dart
M-toy Homerun derby
Real Motion Fishing
Hidden Catch

Utilities

● Schedule

Schedule

● Calculator

Calculator

● Alarm

Alarm

● Guide

Menu search
Useful guide
Intro animation
Trouble shooting

● Bluetooth

Bluetooth
Device list
Register New Devices
Receive Data
Accept Any Dial-up Devices
Accept OSP Device
Accept Registered
Bluetooth Settings

● Dictionary

Dictionary

● FOMA HIGH-SPEED

FOMA HIGH-SPEED

● Other tools

microSD	PIM
	Data update
	Memory info.
	Reset microSD card
Date security service	Connect to Data Storage Center
	Exchanging history
	sndg img in Phonebook
Text memo	
Record message	Record msg. setting
	Record msg. list
To Do list	
World clock	
Stopwatch	
Unit converter	

Settings

● Sounds & Vib./Manner

Select ring tone

Touch setting

Select effect tone

Volume

Vibrator

Manner mode set

Mail ring duration

Set mute ring time(sec.)

Headset usage setting

● Display

Stand-by display	Top stand-by display
	My stand-by display

Menu type

Lock screen image

Call & Mail image

Wake-up display

Quick dial

Auto screen rotation

Illumination

Backlight

● Lock/Security

Lock
Secret mode
Display Call/Mail logs
Change security code
PIN code
Scanning function

● Menu type

Menu type

● NW Services

Voice mail
Call waiting
Call forwarding
Nuisance call blocking
Caller ID notification
Caller ID request
Set in-call arrival act
Arrival call act
Remote control
Dual network
English guidance
Contact DOCOMO
Multi number

Chaku-moji

Additional service

Roaming guidance setting

Notify missed call

Additional guide

● Call/Dialing

Incoming call	Auto answer
	Accept/Reject call
	Anonymous caller
	On hold tone
	Show ph. book img
	Melody Call setting
Videophone	Videophone set
	Substitute image
	Response hold image
	Holding image
Call function	Reconnect alarm
	Quality alarm
	Holding tone
	Noise reduction
Self mode	
Prefix dial	
Sub-address setting	

Headset switch setting to call	Switch call
	Memory number

● USB mode setting

USB mode setting

● Other setting

International dialling assist setting	Auto international call setting
	IDD prefix setting
	Country code setting
	Country code list
International roaming	Network
	Voice mail (Int.)
	Call forwarding (Int.)
	Remote access setting (Int.)
	Caller ID request (Int.)
	Roaming guide (Int.)
	Call barring
	Missed call notification for roaming setting(Int.)
	Int'l Service Guide

Date&Time	Set date&time
	Date&Time format
	Hour indication
マルチリンガル	
Character input	Edit common phrase
	Edit emoticon
	Edit dictionary
	Picto. D dictionary
	Download dictionary
	Create Learn. dic.
	Reset learnt info
	Prediction input
Memory status	
eco mode	
Battery level	
Reset/Clear	
Software Update	Update
	Set auto-update

Main Specifications

Phone

Model name			L-03C
Dimensions (H X W X D)			Approx. 112mm X Approx. 60mm X Approx. 17.3mm (Max. thickness: Approx. 22mm)
Weight			Approx. 165g (with battery pack installed)
Continuous Stand-by time	FOMA/ 3G	3G/GSM setting: 3G	Moving: Approx. 330 hours
		3G/GSM setting: AUTO	Stationary: Approx. 420 hours Moving: Approx. 250 hours
	GSM	3G/GSM setting: AUTO	Stationary: Approx. 310 hours
Continuous call time	FOMA/3G		Voice call: Approx. 300 minutes Videophone: Approx. 130 minutes
	GSM		Voice call: Approx. 250 minutes
Charging time			AC adapter: Approx. 220 minutes DC adapter: Approx. 220 minutes

Charging time		AC adapter: Approx. 220 minutes DC adapter: Approx. 220 minutes	
Display	Type	TFT 16,777,216 colors	
	Size	Approx. 3.0 inches	
	Pixels	384,000 pixels (480 dots X 800 dots)	
Image pickup device	Type	CCD	
	Size	1/2.3 inches	
	Effective pixels	Approx. 12.1 Mega pixels	
Camera	Recorded pixels (maximum)		Approx. 12.0 Mega pixels
	Zoom (Optical)		Up to Approx. 3.0X/7 stages (Shooting still images) Up to Approx. 3.0X/7 stages (Shooting moving pictures)
	Zoom (Digital)		Up to Approx. 4.0X/30 stages (Shooting still images) Up to Approx. 4.0X/30 stages (Shooting moving pictures)
	Shooting distance (from the front of the lens)	Auto	While using telephone lens: Approx. 0.5m-∞ While using wide-angle lens: Approx. 0.6m-∞
		Macro	While using telephone lens: Approx. 0.1m-0.8m While using wide-angle lens: Approx. 0.4m-0.8m

Storage	Number of recordable still images	Approx. 61,000*1
	Continuous shooting	12M(4000X3000)/ 8M(3264X2448)/ 5M(2560X1920): 3 Wide 4M(2560X1440)/ Full HD(1920X1080)/ 2M(1600X1200)/ 1M(1280X960)/ HD(1280X720)/ Wallpaper(800X480)/ VGA(640X480)/ QVGA(320X240)/ QCIF(176X144): 10
	Still image file format	JPEG
	Moving picture recording time	Approx. 80 minutes*2
	Moving picture file format	MP4
Music playback	Continuous playback time	Chaku-Uta Full® (Supports background playback): Approx. 800 minutes*3 i-motion*4: Approx. 200 minutes*3 WMA file (Supports background playback): Approx. 800 minutes

Music playback	Continuous playback time	MP3 file (Supports background playback): Approx. 800 minutes Music&Video Channel: Music: Approx. 800 minutes (Supports background playback) Video: Approx. 200 minutes
Capacity	Chaku-Uta®/ Chaku-Uta Full®	Approx. 137MB*4 (Default)

*1 microSD card (2GB) Select size: QVGA (320×240)
Image Quality: Standard

*2 It is the maximum record duration that can be saved according to the following conditions.

microSD card (2GB) Select size: QCIF (176×144)

Image Quality: Standard Shooting type: Voice+Picture

*3 File type: AAC

*4 i-motion only with voice

*5 Common with Music&Video channel

● Battery pack

Model name	Battery Pack L09
Battery type	Lithium ion battery
Nominal voltage	3.7V
Nominal capacity	1200mAh

● Maximum number of savable items on the FOMA terminal

Type		Max. number of savable items
Phonebook		1,000*1
Schedule	Schedule	200
	Holiday	80
	National holiday	20*2
Mail*3	Inbox*4	1,000
	Outbox/Unsent message	500
Bookmark*5		200
Screen memo		50
i-appli		100*6
Data box	Image*7	2,000*6
	Moving picture/i-motion	2,000*6
	Melody	2,000*6

*1 Up to 50 can be saved to UIM.

*2 Includes holidays set by default.

*3 Total number of i-mode mail and SMS.

*4 Includes "♪ Welcome Mail ♪" and "Welcome E★エブリスタ" (Japanese only) saved in "Inbox" folder.

*5 Total number of i-mode Bookmark and Full browser Bookmark.

*6 Includes pre-installed data.

*7 Up to 30 slide shows can be saved. (This number is included within 2,000, which is the maximum number of savable images.)

Specific Absorption Rate (SAR) of Mobile Phone

This model L-03C 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 waves¹⁾ 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 0.494W/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 1.5cm away from your body.

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

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

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

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

Ministry of Internal Affairs and Communications Website
: <http://www.tele.soumu.go.jp/e/sys/e/e/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/>

LG Mobile Website
: <http://www.lg.com/jp/>

- *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 12, 2010)

Radio Frequency (RF) Signals

THIS MODEL PHONE MEETS THE U.S. GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

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

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the U.S. government-adopted requirement for safe exposure. The tests are performed on position and locations (for example, at the ear and worn on the body) as required by FCC for each model. The highest SAR value for this model phone as reported to the FCC when tested for use at the ear is 0.19W/kg, and when worn on the body, is 0.38W/kg.

(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the U.S. government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section at <http://www.fcc.gov/oet/ea/fccid/> after search on FCC ID BEJL03C.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 2.5cm from the body.

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

Declaration of Conformity

The product "L-03C" 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.

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 0.756W/kg. While there may be differences between the SAR* levels of various phones and at various positions, they all meet*** the EU requirements for RF exposure.

- * The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR.
- ** The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue, recommended by The Council of the European Union. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
- *** Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

Important Safety Information

AIRCRAFT

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

DRIVING

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

HOSPITALS

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

PETROL STATIONS

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

INTERFERENCE

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

Pacemakers

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

Hearing Aids

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

For other Medical Devices:

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

Export Administration Regulations

This product and its accessories may fall under the category of application of Japan Export Control Regulations ("Foreign Exchange and Foreign Trade Law" and relevant laws and regulations). U.S. Re-export Regulations (Export Administration Regulations: EAR) is applied to this product and its accessories. If you export or re-export this product or its accessories, please follow the necessary procedures at your own risk and expense. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the U.S.Department of Commerce.

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ACCESS™

NetFront™

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4,901,307	5,504,773	5,109,390	5,535,239
5,267,262	5,600,754	5,416,797	5,490,165
5,101,501	5,511,073	5,267,261	5,568,483
5,414,796	5,659,569	5,056,109	5,506,865
5,228,054	5,544,196	5,337,338	5,657,420
5,710,784	5,778,338		

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You can view/change your contract contents, subscribe to services, and request information materials on the Internet.

From i-mode i Menu ▶ お客様サポート (user support) ▶ お申込・お手続き (subscriptions & procedures) ▶ 各種お申込・お手続き (Respective subscriptions & procedures) **Packet communication charges free** (Japanese only)

From PC My docomo (<http://www.mydocomo.com/>) ▶ 各種お申込・お手続き (Respective subscriptions & procedures) (Japanese only)

* "Network security code" is required for the access from i-mode.

* No packet communication charges apply for the access from i-mode.
Charges apply for the access from overseas.

* "docomo ID and password" are required for the access from a PC.

* If you do not have or you have forgotten your "Network security code" or "docomo ID/password", contact "General Inquiries" at the back of this manual.

* You may not be able to access the site depending on the content of your subscription.

* You may not be able to access the site due to system maintenance, etc.



Using mobile phones with your manners!

Please be considerate of others around you when using a mobile phone in a public place.

Always turn OFF your FOMA terminal in the following situations:

■ In a place where the use of mobile phones is prohibited

- Be sure to turn off your FOMA terminal on an airplane, in a hospital, or near priority seats on a train, etc.

In the following situations, be sure to set Public mode

■ While driving

- Using the mobile phone in your hand while driving is subject to punishment.

■ When you are in a public place such as theater, movie theater, or museum

Be considerate of privacy



Please be considerate of the privacy of individual around you when capturing and sending images using camera equipped mobile phones.



Environmental activities by DOCOMO

Slimming down of instruction manual

In the Japanese instruction manual, by explaining operations of basic functions, the instruction manual was slimmed down and the amount of paper usage was reduced.

Check Guide (installed in this FOMA terminal, Japanese only) or DOCOMO website for frequently used functions or detailed operations.

Collecting and recycling of mobile phones



Mobile phone and PHS operators collect and recycle used telephones, battery packs, and battery chargers at shops bearing the mark on the left regardless of brand and manufacture to protect the environment and reuse valuable resources. Bring them nearby docomo Shop.

General Inquiries <docomo Information Center>

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

 **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. (open all year round))

■ From DOCOMO mobile phones
(In Japanese only)

■ From land-line phones
(In Japanese only)

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

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

- * Unavailable from land-line phones, etc.

- * Unavailable from part of IP phones.

● 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 L-03C, you should dial the number +81-3-6832-6600
(to enter '+', touch and hold the [0] 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.

Repairs

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

■ From DOCOMO mobile phones
(In Japanese only)

■ From land-line phones
(In Japanese only)

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

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

- * Unavailable from land-line phones, etc.

- * Unavailable from part of IP phones.

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 L-03C, you should dial the number +81-3-6718-1414
(to enter '+', touch and hold the [0] 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.



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 to others around you.



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

Sales: NTT DOCOMO, INC.
Manufacturer: LG Electronics Inc.

2010.12 (1.3 Edition)
MFL67021803

L-03C Manual for PC Connection

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About Manual for PC Connection

This manual explains the items required for making data communication on the L-03C as well as how to install "L-03C 通信設定ファイル (ドライバ) (L-03C Communication Setting Files (Driver))" and "ドコモ コネクションマネージャ (DOCOMO Connection Manager)" inside the CD-ROM. Some procedures and displays in this manual may differ depending on your operating environment.

Data Communication

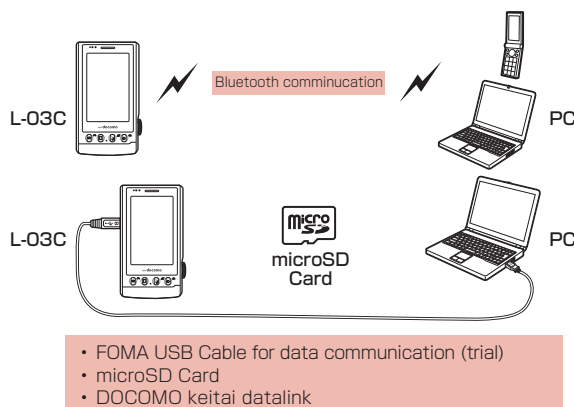
Data Communication Available with the FOMA Terminal

When you connect your FOMA terminal to a PC, you can use data communication via packet communication as well as data transmission (OBEX™ Communication).

- The FOMA terminal does not support 64K data communication.
- The FOMA terminal does not support Remote Wakeup.
- The FOMA terminal does not support FAX communication.
- The FOMA terminal does not support DOCOMO's PDA "sigmarion III".

Data Transmission (OBEX™ Communication)

You can exchange data such as images, songs, Phonebook entries, or mail with another FOMA terminal or a PC.



Note

- This FOMA terminal cannot send images to a PC by DOCOMO keitai datalink.
- If all data is unable to be forwarded due to communication suspension while receiving all data by the FOMA terminal, delete all data in the FOMA terminal and then perform the operation again.

Packet Communication

Communication charges^{*1} are based on the amount of data sent and received. It is suitable for use to exchange data only when you want while keeping the network connected. DOCOMO provides a besteffort service in which communication speeds change in response to the communication environment and network congestion.

Using an access point of DOCOMO Internet connection service such as "mopera U" allows you to use high-speed communication at the maximum rate of 7.2Mbps for receiving and 2.0Mbps for sending (based on best-effort connection)^{*2}.

^{*1} Communication charges become high when you exchange a large amount of data.

^{*2} • The maximum speed of 7.2Mbps for receiving and 2.0Mbps for sending are theoretical values and they do not mean the actual performance. The actual performance depends on your communication environment and network congestion.

- If you connect to an area which is out of the FOMA HIGH-SPEED Area or an access point that does not support HIGH-SPEED, the performance may be lower.

L-03C can use an access point that supports 3G or GPRS packet communication to perform data communication even while in overseas.

Precautions before Use

Internet Service Provider Fees

Fees to an Internet service provider (ISP) are required to connect to the Internet. These connection fees, paid to the ISP, are separate from the FOMA service fees. For detailed information on connection fees, contact your ISP.

You can use DOCOMO Internet connection service "mopera U". A separate subscription (feebased) is required to use "mopera U".

Setting the Internet Connection

For packet communication, use an access point compatible with packet communication.

- DoPa access points cannot be connected.
- For service contents of "mopera" and its connection settings, visit "mopera" web site.
<http://www.mopera.net/mopera/index.html> (Japanese only)

Conditions for Packet Communication

The following conditions^{*1} are required to connect the FOMA terminal to a PC to perform communication. However, even if the conditions are met, communication may still not be possible depending on the amount of traffic at the base station or signal strength.

- FOMA USB Cable for data communication (trial) must be available on the PC.^{*2}
- The FOMA terminal must be in the FOMA service area.
- The access point must support FOMA packet communication.

*1 These conditions are for domestic use in Japan.

*2 Only necessary when communicating through USB connection.

Before Using Data Communication

Operating Environment

The following operating environment is required for a PC to use data communication.

- For the latest information on operating environment, check DOCOMO web site.

Item	Requirements
PC main unit	• PC/AT compatible device with a CD-ROM-capable drive • USB port (Universal Serial Bus Specification Rev1.1/2.0 compliant) • Display resolution of 800x600 dots*5, High Color (65,536 colors) or higher recommended
OS ^{*1}	• Windows 7 (32-bit/64-bit) • Windows Vista (32-bit/64-bit) • Windows XP
Required memory ^{*2}	• Windows 7 (32-bit): 1GB or more • Windows 7 (64-bit): 2GB or more • Windows Vista: 512MB or more • Windows XP: 128MB or more
Hard disk space ^{*2 *3}	• Available space of 5MB or more
Web browser ^{*4}	• Internet Explorer 6.0 or later
E-mail software ^{*4}	• Windows Mail and Outlook Express 6.0

*1 The operation on an upgraded OS, or in an added, changed environment cannot be guaranteed.

*2 Required memory or hard disk space may vary depending on the PC system configuration.

- *3 For DOCOMO Connection Manager, 10MB or more is required.
- *4 Required only for DOCOMO Connection Manager.
- *5 For DOCOMO Connection Manager, the display resolution of 1024x600 dots is required. Therefore, 1024x768 dots or higher is recommended.
- The recommended browser for using the menu is Microsoft Internet Explorer 7.0 or later.
Perform the following steps if the menu does not appear after the CD-ROM is inserted in the drive:
 - ① Click "スタート (Start)" ► "コンピューター (Computer)".
 - For Windows Vista
Click "スタート (Start)" ► "コンピュータ (Computer)".
 - For Windows XP
Click "スタート (Start)" ► "マイコンピュータ (My Computer)".
 - ② Right-click the CD-ROM icon. Select "開く (Open)".
 - ③ Double-click "index.html"
- ※ For Windows XP, the recommended browser is Microsoft Internet Explorer 6.0 or later.
- A warning screen may appear if you insert the supplied CD-ROM into the PC's CD-ROM drive. This warning appears as a result of a security setting of Microsoft Internet Explorer, however, there is no problem. Click [はい (Yes)].

Required Devices

To use data communications, the following devices and software are required in addition to the FOMA terminal and a PC:

- FOMA USB Cable for data communication (trial)*
- CD-ROM for L-03C (supplied)

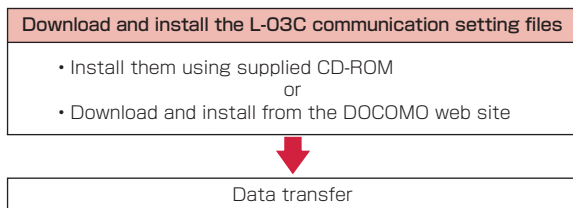
* Only necessary when communicating through USB connection.

Note

- Use the FOMA USB Cable for data communication (trial)
A generic USB cable for PC is not available because it does not fit the FOMA USB connector.
- The FOMA terminal may not work properly with a USB HUB.

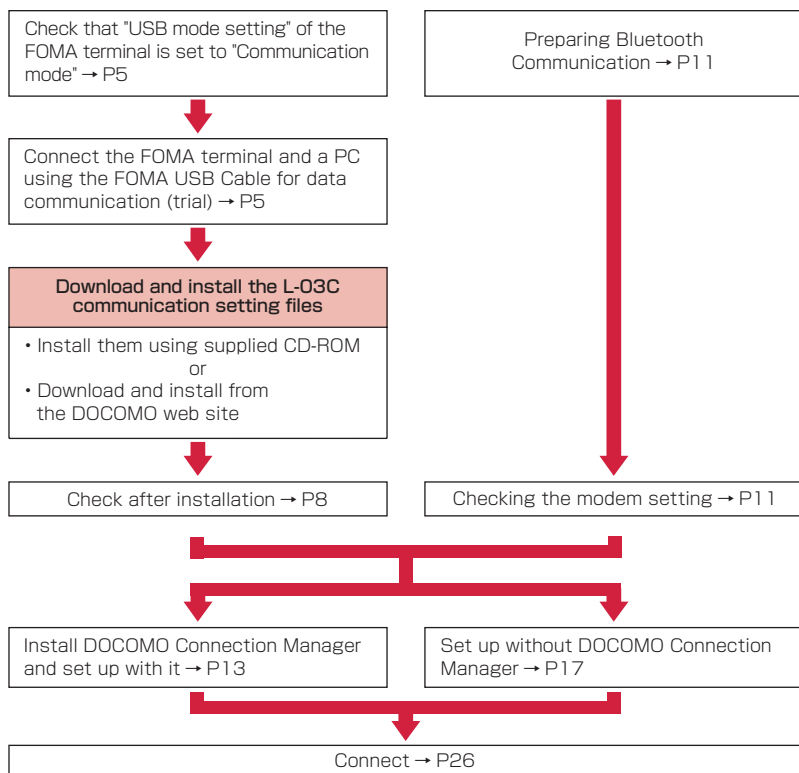
Flow of Setup for Data Transmission (OBEX™ Communication)

Install the L-03C communication setting files to use the FOMA USB Cable for data communication (trial).



Flow of Setup for Data Communication

The flow for preparing to connect the FOMA terminal and a PC for performing packet communication is as follows.



L-03C communication setting files and DOCOMO Connection Manager

L-03C Communication Setting Files (Driver)

This software (driver) is required for packet communication or file transfer when the FOMA terminal and a PC are connected using the FOMA USB Cable for data communication (trial).

DOCOMO Connection Manager

This software facilitates simple configuration or the settings for a packet communication access point (APN), dial-up connection, etc.

Connecting the FOMA Terminal and a PC

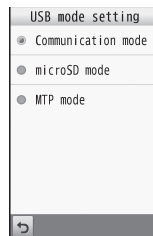
This section explains how to connect the FOMA terminal and a PC using the FOMA USB Cable for data communication (trial).

USB mode setting

Setting the USB Mode

Set the FOMA terminal's "USB mode setting" to "Communication mode".

1 ► "USB mode setting"



2 "Communication mode"

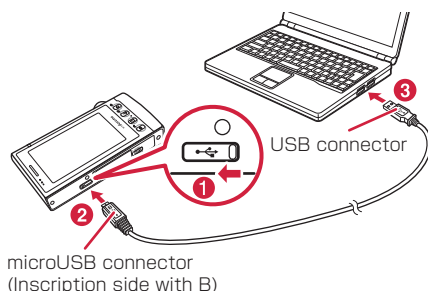
Note

- USB mode cannot be set during the operation of L-03C communication mode.

Connect the FOMA Terminal and a PC Using the FOMA USB Cable for data communication (trial)

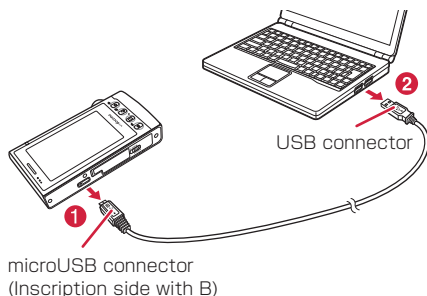
1 Open the microUSB connector terminal cover (①) of the FOMA terminal and hold the microUSB connector of the FOMA USB Cable for data communication so that the inscription side with B is facing upwards and insert the connector (②)

2 Plug the USB connector of the FOMA USB Cable for data communication to a USB port on the PC (③)



Unplugging

- ① To unplug the external connector of the FOMA USB Cable for data communication (trial), pull it out (1)



- ② Unplug the FOMA USB Cable for data communication from the USB port of the PC (2)

Note

- Do not unplug the FOMA USB Cable for data communication during data communication because doing so will cause communication to be cut off, or an operation failure or data loss.
- Do not connect FOMA USB Cable for data communication to the connector by sheer strength. Doing so may result in malfunction. The connectors must be inserted with the correct orientation and angle. With correct orientation and angle, the connectors can be plugged smoothly without requiring excessive force. If you cannot connect the cable easily, do not use excessive force. Check the orientation, angle and shape of the connectors again.
- Do not apply excessive force to disconnect the FOMA USB Cable for data communication. Using excessive force may result in malfunction.

Cautions when Installing/Uninstalling

Keep the following in mind when installing or uninstalling L-03C communication setting files (Driver) or DOCOMO Connection Manager.

- Make sure to install or uninstall the software from a user account with the administrator privileges. An error will occur if you attempt to install or uninstall them from an account without administrator privileges. For settings and operations regarding PC administrator privileges, contact your PC manufacturer or Microsoft Corporation.
- Before you install or uninstall the software, check that no other software is running. Quit any running software before installing or uninstalling.

■ For Windows 7

If the "ユーザーアカウント制御 (User Account Control)" screen appears, click [はい (Yes)]. For settings and operations regarding PC administrator privileges, contact your PC manufacturer or Microsoft Corporation.

■ For Windows Vista

If the "ユーザーアカウント制御 (User Account Control)" screen appears, click [許可 (Permit)] or [続行 (Continue)], or enter the password, then click [OK]. For settings and operations regarding PC administrator privileges, contact your PC manufacturer or Microsoft Corporation.

Installing the L-03C Communication Setting Files (Driver)

The L-03C communication setting files need to be installed the first time you connect the FOMA terminal by FOMA USB Cable for data communication (trial).

- Before installing L-03C communication setting files, make sure that the FOMA terminal is unplugged from a PC.
- Make sure to read "Cautions when Installing/Uninstalling" (P6) before starting the operation.

Example: For Windows 7

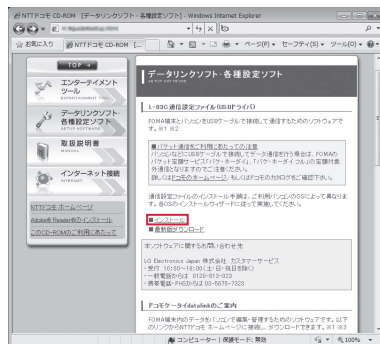
1 Insert L-03C CD-ROM into the PC's CD-ROM drive

The "L-03C CD-ROM" screen appears.

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



3 Click "インストール (Install)" on the "L-03C 通信設定ファイル (USB ドライバ) (L-03C communication setting files (USB driver))" screen

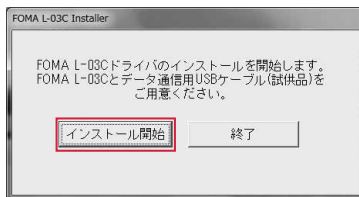


4 Double-click "L03C_ins" in the displayed folder and click [はい (Yes)] on the "ユーザーアカウント制御 (User Account Control)" screen

- For Windows Vista, click [続行 (Continue)] on the "ユーザーアカウント制御 (User Account Control)" screen.
- For Windows XP, the "ユーザーアカウント制御 (User Account Control)" screen does not appear.

5 Click [インストール開始 (Start installation)]

When the installation completion screen appears, click [OK].



6 Connect the FOMA terminal and a PC

When the PC recognizes the FOMA terminal, a popup appears and the driver is installed. Check that the L-03C communication setting files are installed correctly. → P8

- Connecting → P5
- Connect the FOMA terminal to a PC with the FOMA terminal turned on.

Checking the Installed L-03C Communication Setting Files (Driver)

Check that the L-03C communication setting files are correctly.

Example: For Windows 7

1 Click " スタート (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) "

■ For Windows Vista

Click " スタート (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) ".

■ For Windows XP

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 Click " デバイスマネージャー (Device Manager) "

■ For Windows Vista

Click " デバイスマネージャ (Device Manager) " ▶ [続行 (Continue)].

■ For Windows XP

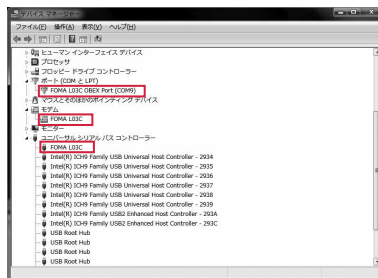
Click the " ハードウェア (Hardware) " tab ▶ Click [デバイスマネージャ (Device Manager)].

Note

- The L-03C communication setting files may not be installed properly. In this case, uninstall the L-03C communication setting files first, and install them again. → P10

3 Click each device name to view the installed driver name

Check that all drivers are displayed in " ユニバーサルシリアルバスコントローラ (Universal Serial Bus controllers)", " ポート (COM と LPT) (Port (COM/ LPT))", and " モデム (Modem)".



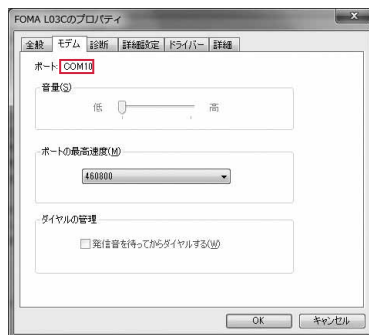
For Windows 7

Device	Driver
ユニバーサルシリアルバスコントローラー (Universal Serial Bus controllers)	FOMA L03C
ポート (COM と LPT) (Port (COM/LPT))	FOMA L03C OBEX Port
モデム (Modem)	FOMA L03C

Checking the FOMA terminal COM port number

The modem name or COM port (communication port) number of the FOMA terminal may be required if you set up communication without using the DOCOMO Connection Manager. This section explains how to check them from the Device Manager screen.

- ① Connect the FOMA terminal and a PC
 - Connecting → P5
- ② Perform Steps 1 and 2 described in "Checking the Installed L-03C Communication Setting Files (Driver)"
- ③ Click "モデム (Modems)" ▶ Select "FOMA L03C" ▶ From the menu bar, click [操作 (Action)] ▶ [プロパティ (Properties)] ▶ Click the "モデム (Modems)" tab
The FOMA terminal COM port number appears on the right side of "ポート : (Port)".

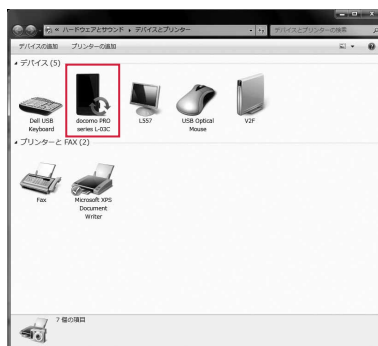


Checking the device icon

When the driver is installed correctly, the device icon is also installed. This section explains how to check whether the L-03C icon is displayed correctly.

- The device icon function is unavailable for Windows XP and Windows Vista.

- ① Connect the FOMA terminal and a PC
When the PC recognizes the FOMA terminal, a popup appears and the driver is installed.
 - Connecting → P5
 - Connect the FOMA terminal to a PC with the FOMA terminal turned on.
- ② Click "スタート (Start)" . " デバイスとプリンター (Device and Printer)"
The device and printer information of the PC appears. Check whether the device information and the device icon of the FOMA terminal are displayed correctly.



Uninstalling the L-03C Communication Setting Files(Driver)

To uninstall the L-03C communication setting files, perform the following steps.

- Before uninstalling the L-03C communication setting files, make sure that the FOMA terminal is unplugged from your PC.
- Make sure to read "Cautions when Installing/Uninstalling" (P6) before starting the operation.

Example: For Windows 7

1 Click "スタート (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 a program)"

The "プログラムのアンインストールまたは変更 (Uninstall or change a program)" screen appears.

■ For Windows Vista

Click "スタート (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 a program)".

■ For 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 or Remove Programs)".

2 Select "FOMA L03C USB" ▶ Click "アンインストールと変更 (Uninstall and Change)"

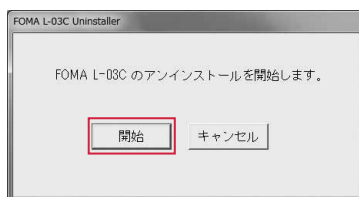
■ For Windows Vista

Select "FOMA L03C USB" ▶ Click "アンインストールと変更 (Uninstall and Change)" ▶ [続行 (Continue)].

■ For Windows XP

Select "FOMA L03C USB" ▶ Click "変更と削除 (Change or Remove)".

3 Click [開始 (Start)]



4 Click [OK] on the uninstallation confirmation screen

Uninstallation will be completed.

Preparing Bluetooth Communication

Perform data communication by connecting a PC which supports Bluetooth communication to the FOMA terminal by wireless.

Registering and connecting the PC to the FOMA terminal

To connect a PC to the FOMA terminal for the first time, register the PC to the FOMA terminal.

1 ► "Bluetooth" ► "Accept Any Dial-up Devices"

The FOMA terminal changes to Bluetooth standby mode, and "Bluetooth" (Blue) lights on the display. If no communication is established for about 5 minutes, the Bluetooth standby mode is released automatically.

2 Search and register the Bluetooth device from the PC

Register the device from the PC while the FOMA terminal is in Bluetooth standby mode. Refer to the instruction manual of your PC for details PC on operations.

3 Select "YES" when the message informing the device registration appears

4 Enter Bluetooth passkey ► "OK"

The PC is registered and is connected to the FOMA terminal by wireless. "Bluetooth" (Blue) blinks on the display after connecting.

■ When connecting to the registered PC

Select "Accept Any Dial-up Devices" from the FOMA terminal, and then perform connection operations on the PC. You can also connect the FOMA terminal to the registered PC by selecting "Bluetooth" ► "Accept Registered" and confirming "Dial-up" is in standby mode, then performing connection operation on the PC.

Checking the modem setting

Before setting communication, confirm the modem name and the COM port number for the dial-up connection.

Example: For Windows 7

1 Click "スタート (Start)" ► "コントロールパネル (Control Panel)" ► "システムとセキュリティ (Systems and security)"

■ For Windows Vista

Click "スタート (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)"

■ For Windows XP

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 Click "デバイスマネージャー (Device Manager)"

When the User Account Control screen appears, click "はい (Yes)".

■ For Windows Vista

Click "デバイスマネージャ (Device Manager)"

When the User Account Control screen appears, click "続行 (Continue)".

■ For Windows XP

Select "ハードウェア (Hardware)" tab and click "デバイスマネージャ (Device manager)"

3 Click each device to check the modem name and the COM port number

The modem name and the COM port number are displayed under "ポート (COM と LPT) (Port(COM&LPT))" and "モデム (Modem)".

Disconnecting the dial-up connection service

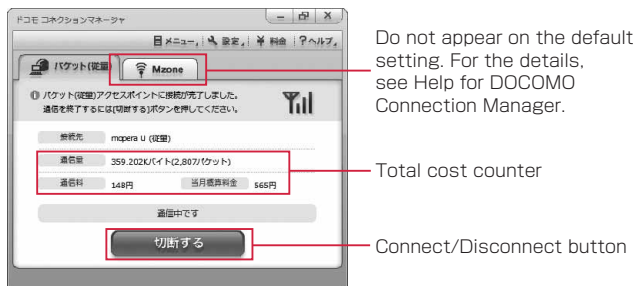
Disconnect the dial-up connection service.

1 ► "Bluetooth" ► "Device list"

2 Touch the Bluetooth device being connected ► "Connect" ► "Dial-up" ► "YES"

DOCOMO Connection Manager

"DOCOMO Connection Manager" is convenient software for using the flat-rate data communication and the metered rate data communication. You can subscribe to "mopera U" and easily configure your PC depending on your contract status. Also, you can check a data traffic and a total amount of spending by using a total cost counter function as a guide.



This manual explains up until installing the DOCOMO Connection Manager.

For a connection to the Internet by using the terminal, you need to subscribe to an Internet service provider, such as "mopera U", capable of services and data communication. For the detail, visit the DOCOMO web site.

Note

<Using metered rate data communication (including i-mode packet flat-rate services, etc.)>

- Note that using packet communication to perform with a large amount of data such as accessing web sites with images, or data download (example: downloading an application or music/moving picture data, updating OS/anti-virus software) may increase communication charge. Note that data communication by connecting the FOMA terminal to a PC using USB cable is not covered by the FOMA packet flat-rate service, "Pake-hodai" and "Pake-hodai full".

<Using flat-rate data plan>

- To use flat-rate data plan, you need to subscribe to an Internet service provider and rate plan capable of flat-rate data communication. For the detail, visit the DOCOMO web site.

<Using mopera>

- For the connection settings, visit "mopera" web site.
<http://www.mopera.net/mopera/support/index.html> (Japanese only)

Before Installing the DOCOMO Connection Manager

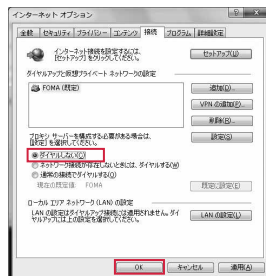
Steps for Installing

- ① Prepare the FOMA terminal and FOMA USB Cable for data communication (trial).
- ② Check for a contractual coverage and the service of your Internet service provider
- ③ If there is any connection software other than the DOCOMO Connection Manager, change the settings not to start the program automatically as needed
 - "Using a connection software other than the DOCOMO Connection Manager" → P13

Internet Explorer settings

Before installing the DOCOMO Connection Manager, make sure to make connection setting to [ダイヤルしない (Never dial a connection)] on the Internet Options setting of the Internet Explorer.

- ① Start the Internet Explorer, select [ツール (Tools)] . [インターネット オプション (Internet Options)]
- ② Select [接続 (Connections)] tab, then select [ダイヤルしない (Never dial a connection)]
- ③ Click [OK]



Note

<Using a connection software other than the DOCOMO Connection Manager>

The DOCOMO Connection Manager has equivalent functions of following software so that there is no need of using such software at the same time.

Change the settings not to start or uninstall the following software as needed.

■ Software not required to be used simultaneously

- mopera U start up tool
- mopera U connection & setting tool
- FOMA PC setting software
- FOMA byte counter

When you use Mzone (DOCOMO public wireless LAN service) using the DOCOMO Connection Manager, uninstall following public wireless LAN connection software.

* If any of the following software is installed, the DOCOMO Connection Manager cannot establish the Mzone connection.

- U public wireless LAN utility software
- DOCOMO public wireless LAN utility software
- DOCOMO public wireless LAN utility program

1 Log on as a user of the DOCOMO Connection Manager

■ For Windows 7/Windows Vista

An administrator account is required. If you log on with an account other than the administrator account, a screen will appear asking to enter a user name and the password during the installation process.

■ For Windows XP

You need to log on with one of the Administrators Group accounts or a user of "コンピュータの管理者 (Administrator)" account.

2 Quit all running programs

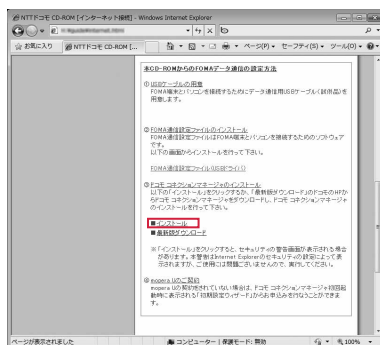
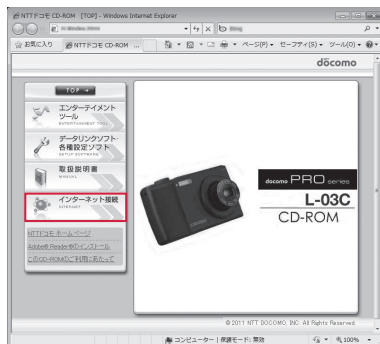
Quit resident programs on Windows including anti-virus software.

- Example: Right-click an icon on a task bar, select [閉じる (Close)] or [終了 (Quit)].

Installing the DOCOMO Connection Manager

1 Start the installer following a navigation of the supplied CD-ROM for L-03C

Select "インターネット接続 (Internet connection)", and then select "インストール (Install)" from "③ ドコモコネクションマネージャのインストール (③ Install DOCOMO Connection Manager)" in "本 CD-ROM からの FOMA データ通信の設定方法 (Setting the FOMA data communication from this CD-ROM)".



Note

- If MSXML6 · Wireless LAN API is not on Windows XP, before installing the DOCOMO Connection Manager, it must be installed. When a confirmation appears, press [Install] to install the MSXML6 · Wireless LAN API. After the installation is completed and the computer is restarted, the DOCOMO Connection Manager installation starts automatically.

2 Click [はい (Yes)] for Windows 7, or click [続行 (Continue)] for Windows Vista

- For Windows XP, "ユーザーアカウント制御 (User Account Control)" screen does not appear. The Setup program starts at once.

Windows 7



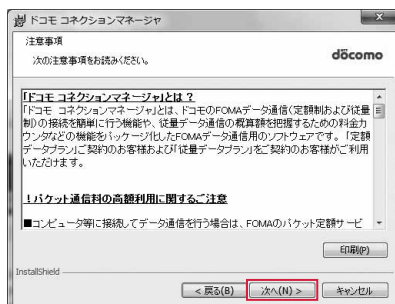
Windows Vista



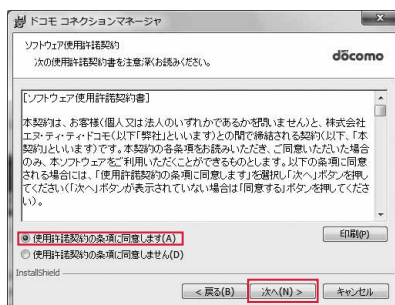
3 Click [次へ (Next)]



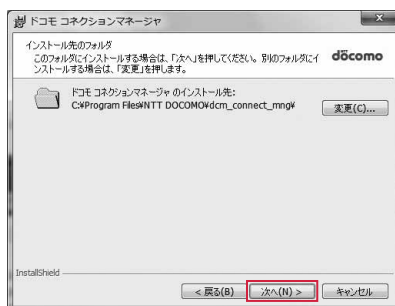
4 Read the precautions, then click [次へ (Next)]



5 Read the license agreement of the DOCOMO Connection Manager and if you agree to the terms, select [使用許諾契約の条項に同意します (I Agree)] and click [次へ (Next)]



6 Check a destination folder for the installation, click [次へ (Next)]



7 Click [インストール (Install)]

The installation starts.



8 Click [完了 (Done)]

Complete the installation process.



Starting the DOCOMO Connection Manager

1 Click " スタート (Start) " ▶ " すべてのプログラム (All Programs) " ▶ " NTT DOCOMO " ▶ " ドコモ コネクションマネージャ (DOCOMO Connection Manager) " ▶ " ドコモ コネクションマネージャ (DOCOMO Connection Manager) "

Starts the DOCOMO Connection Manager.

■ For Windows Vista

Click " スタート (Start) " ▶ " すべてのプログラム (All Programs) " ▶ " NTT DOCOMO " ▶ " ドコモ コネクションマネージャ (DOCOMO Connection Manager) " ▶ " ドコモ コネクションマネージャ (DOCOMO Connection Manager) ".

■ For Windows XP

Click " スタート (Start) " ▶ " すべてのプログラム (All programs) " ▶ " NTT DOCOMO " ▶ " ドコモ コネクションマネージャ (DOCOMO Connection Manager) " ▶ " ドコモ コネクションマネージャ (DOCOMO Connection Manager) ".

2 When starting for the first time, a configuration wizard appears automatically

By operating/configuring through the wizard thereafter, you will be ready to connect to the Internet. For the detail, see "DOCOMO Connection Manager operation manual".



Note

- Exiting the Internet browser or mail software does not terminate the connection. When you do not use the communication, terminate the connection by clicking [切断する (Terminate)] on the DOCOMO Connection Manager.
- Note that if Automatic Updating is set for OS update, software may be updated automatically and it may increase communication charge.



Connect/
Disconnect

Configuring a Dial-up Network

This section describes the steps to configure settings for packet communication without using the DOCOMO Connection Manager.

Setting Access Point (APN)

Set an access point (APN) for packet communication. Up to 11 access points (APN) can be set up and they are managed with a registration number (cid). Communication software is required to enter AT commands. This section describes the steps necessary for using the "Hyper Terminal" that comes with Windows.

- The registration number (cid) 1 is set to mopera.ne.jp, number 2 is set to mopera.net, number 3 is set to mopera.net, and number 4 is set to mpr.ex-pkt.net by default. Use 5 to 11 when setting another access point.
- "Hyper Terminal" does not run on Windows Vista and Windows 7. To configure the settings on Windows Vista and Windows 7, use communication software compatible with Windows Vista and Windows 7. For the setting procedure, refer to the instruction manual and other documentation that come with the software to be used.
- Set Access Point Number to "*99***3#" when connecting to "mopera U", set to "*99***1#" when connecting to "mopera".
- For an access point (APN) other than "mopera U" and "mopera", contact your ISP or network administrator.

Example: For Windows XP

1 Connect the FOMA terminal and a PC

- Connecting → P5

2 Click "スタート (Start)" ► "すべてのプログラム (All programs)" ► "アクセサリ (Accessories)" ► "通信 (Communication)" ► "ハイパーターミナル (Hyper Terminal)"

Hyper Terminal starts.

3 Enter a connection name in the "名前 (Name)" field ► Click [OK]



4 Enter a non-existing phone number (such as "0" in the "電話番号 (Phone Number)" field ► Check that "FOMA L03C" is displayed for "接続方法 (Connection Method)" ► Click [OK]

- If multiple modem names are displayed in the "接続方法 (Connection Method)" field, check the FOMA terminal modem name and select the proper one. → P8



5 Click [キャンセル (Cancel)] on the Connection screen

The Hyper Terminal entry screen appears.

6 Enter an access point (APN) in the following format . Press [Enter]

AT+CGDCONT=<cid>,<PDP type>,<APN> [Enter]

Enter the following information in the corresponding <cid>, <PDP type>, and <APN> sections.

If "OK" appears after you enter the information, the access point (APN) has been setup.

cid : Enter any number from 5 to 11.

* Note that the old setting information will be overwritten if you select a cid number which has already been set.

PDP type : Select either PPP or IP for the connection method supported by the access point, and then enter the information enclosed with quotation marks " ".

APN : Enter the access point (APN) enclosed with quotation marks " ".

- If the entered characters do not appear, enter ATE1 [Enter].

■ To reset the access point (APN) settings of the specified cid

Enter AT+CGDCONT=<cid> [Enter].

■ To view the registered access point (APN)

Enter AT+CGDCONT? [Enter].



To register an access point with PPP as the PDP type and XXX.com as the APN to cid5

7 Click "ファイル (File)" . "ハイパーターミナルの終了 (Exit Hyper Terminal)"

8 Click [はい (Yes)] on the confirmation to disconnect screen . Click [いいえ (No)] on the confirmation to save screen

Hyper Terminal will quit, and the setting of the APN completes.

Note

- The access point (APN) information is saved on the FOMA terminal. If you connect a different FOMA terminal, register the access point (APN) information again.
- If you want to use the access point (APN) information saved on the PC, register the same access point (APN) to the same cid on the FOMA terminal.

Setting to Show/Hide Caller ID

You can set whether to show your caller ID to the access point during packet communication. This section describes how to use an AT command (*DGPIR command→P29) to configure the settings prior to connecting.

Your caller ID is valuable information. Be sufficiently cautious when showing your caller ID.

1 Perform Steps 1 to 5 in "Setting Access Point (APN)" (P17)

Hyper Terminal starts.

2 Use an AT command to set whether to show (186) or hide (184) caller ID

Enter the AT command in the AT*DGPIR=<n> format as follows.

If "OK" appears after you enter the AT command, the setting of whether to show or hide caller ID is completed.

- If the entered characters do not appear, enter ATE1 .

■ To hide caller ID

AT*DGPIR=1 

When you make or answer a call, 184 is added automatically.

■ To show caller ID

AT*DGPIR=2 

When you make or answer a call, 186 is added automatically.

■ To reset the show/hide caller ID setting to its default (unset) using a *DGPIR command

AT*DGPIR=0 



Note

- When you use the DOCOMO Internet connection service "mopera U" or "mopera", the caller ID needs to be set to "通知 (Show)"

Setting to show/hide caller ID using the access point number

You can also show or hide your caller ID by adding 186 (show) or 184 (hide) to the access point number when you configure dial-up network settings (P20).

The show/hide status of the caller ID for each setting of the access point number and *DGPIR command is as follows.

Setting Access Point Number (when cid=3)	Setting Using *DGPIR Command		
	Unset	Hide	Show
*99***3#	Show	Hide	Show
184*99***3#	Hide (The setting of the access point number (184) takes priority.)		
186*99***3#	Show (The setting of the access point number (186) takes priority.)		

Configuring Dial-up Network Settings

Set up the dial-up network on the PC.

- For setting up a connection to other than "mopera U" and "mopera", contact your ISP or network administrator.

Example: To connect to the DOCOMO Internet connection service "mopera U", which is registered to <cid>=3

Setting on Windows 7

- Click "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)" ► "ネットワークと共有センター (Network and Sharing Center)"
- Click "新しい接続またはネットワークのセットアップ (New connection or Network setup)"

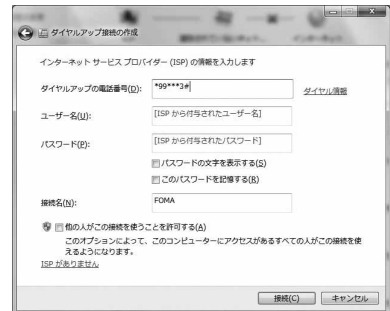
- Select "ダイヤルアップ接続をセットアップします (Set up dial-up connection)"
► Click [次へ (Next)]

- When the modem selection screen appears, click "FOMA LO3C"

The modem selection screen appears only when the PC has multiple modems.

- Configure various settings, then click [接続 (Connection)]

- Enter the access point number in the "ダイヤルアップの電話番号 (Phone number to a dial-up connection)" field.
- Enter a connection name in the "接続名 (Connection Name)" field.
- Enter the user name and password provided by your ISP or network administrator in the "ユーザー名 (Username)" and "パスワード (Password)" fields.
- You can leave the user name and password fields unfilled when connecting to "mopera U" or "mopera".



- Click [スキップ (Skip)] on the "(接続名) に接続中 ... (Connecting to (APN))" screen

The connection test will not be performed. Only the settings will be checked.

- Click [閉じる (Close)]



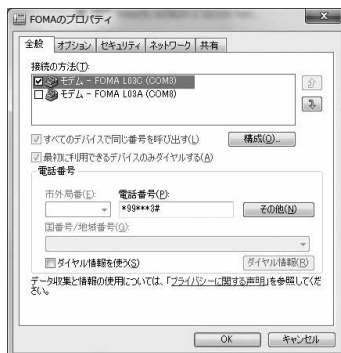
8 Click " スタート (Start)" ▶ " コントロールパネル (Control Panel)" ▶ " ネットワークとインターネット (Network and Internet)" ▶ " ネットワークと共有センター (Network and Sharing Center)"

9 Click " アダプターの設定の変更 (Change Adapter Setting)" ▶ Select the icon of the created dial-up connection ▶ Right-click and then click " プロパティ (Properties)"

10 Check the settings on the " 全般 (General)" tab

If two or more modems are connected to the PC, confirm that only " モデム - FOMA L03C (Modem - FOMA L03C)" is marked in the " 接続の方法 (Connection Method)" field. (If not marked, mark it.)

- Disable " ダイアル情報を使う (Use dialing information)".



11 Click the " ネットワーク (Networking)" tab
▶ Configure various settings

Mark the " インターネット プロトコル バージョン 4 (TCP/IPv4) (Internet Protocol 4 (TCP/IPv4))" checkbox in the " この接続は次の項目を使用します (This connection uses the following items)" field.

Obtain the settings for "QoS パケット スケジューラ (QoS Packet Scheduler)" from your ISP or network administrator.

- To set up TCP/IP, click [プロパティ (Properties)].Contact your ISP or network administrator for setting up.



12 Click the " オプション (Option)" tab . Click [PPP 設定 (PPP Settings)]

13 Remove checkmarks from all items
▶ Click [OK]



14 On the " オプション (Option)" tab, click [OK]

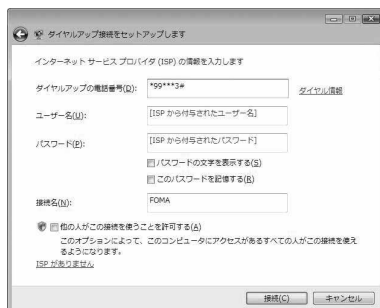
- 1 Click "スタート (Start)" ► "接続先 (Connection)"
- 2 Click "接続またはネットワークをセットアップします (Set up connection or network)"
- 3 Select "ダイヤルアップ接続をセットアップします (Set up dial-up connection)"
► Click [次へ (Next)]

4 When the modem selection screen appears, click "FOMA LO3C"

The modem selection screen appears only when the PC has multiple modems.

5 Configure various settings, then click [接続 (Connect)]

- Enter the access point number in the "ダイヤルアップの電話番号 (Phone number to a dial-up connection)".
- Enter a connection name in the "接続名 (Connection Name)" field.
- Enter the user name and password provided by your ISP or network administrator in the "ユーザー名 (Username)" and "パスワード (Password)" fields.
- You can leave the user name and password fields unfilled when connecting to "mopera U" or "mopera".



6 Click [スキップ (Skip)] on the "(接続名) に接続中 ... (Connecting to (APN))" screen

The connection test will not be performed. Only the settings will be checked.

- If you do not click [スキップ (Skip)], the connection to the Internet will be established.

7 Click "接続をセットアップします (Set up the connection)" ► [閉じる (Close)]



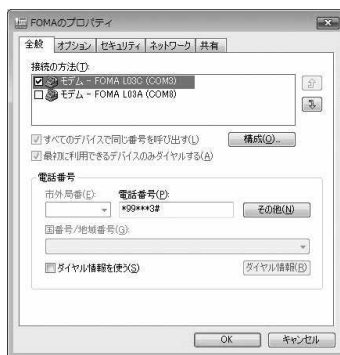
8 Click "スタート (Start)" ► "接続先 (Connection)"

9 Select the icon of the created dial-up connection ► Right-click and then click "プロパティ (Properties)"

10 Check the settings on the "全般 (General)" tab

If two or more modems are connected to the PC, enable only "モデム – FOMA LO3C (Modem – FOMA LO3C)" in the "接続の方法 (Connection Method)" field.

- Disable "ダイヤル情報を使う (Use dialing information)".



11 Click the "ネットワーク (Networking)" tab ► Configure various settings

Mark the "インターネット プロトコル バージョン 4 (TCP/IPv4) (Internet Protocol 4 (TCP/IPv4))" checkbox in the "この接続は次の項目を使用します (This connection uses the following items)" field.

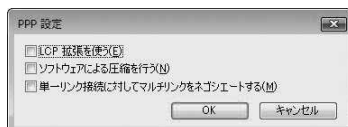
Obtain the settings for "QoS パケット スケジューラ (QoS Packet Scheduler)" from your ISP or network administrator.

- To set up TCP/IP, click [プロパティ (Properties)]. Contact your ISP or network administrator for setting up.



12 Click the "オプション (Option)" tab ► Click [PPP 設定 (PPP Settings)]

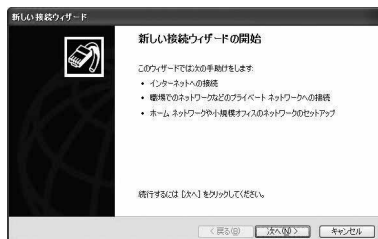
13 Remove checkmarks from all items ► Click [OK]



14 On the "オプション (Option)" tab, click [OK]

1 Click "スタート (Start)" ► "すべてのプログラム (All programs)" ► "アクセサリ (Accessories)" ► "通信 (Communication)" ► "新しい接続ウィザード (New Connection Wizard)"

2 On the New connection wizard screen, click [次へ (Next)]



3 Select "インターネットに接続する (Connect to the Internet)" ► Click [次へ (Next)]

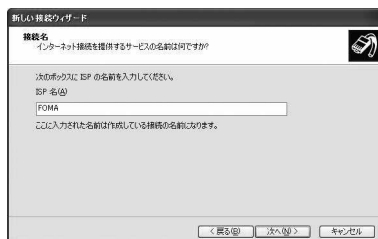
4 Select "接続を手動でセットアップする (Set up the connection manually)" ► Click [次へ (Next)]

5 Select "ダイヤルアップモデムを使用して接続する (Use a dial-up modem to connect)" ► Click [次へ (Next)]

6 If the "デバイスの選択 (Select a device)" screen appears, select "モデム - FOMA L03C (Modem - FOMA L03C)" ► Click [次へ (Next)]

The device selection screen appears only when the PC has multiple modems.

7 Enter a name in the "ISP 名 (ISP Name)" field ► Click [次へ (Next)]



8 Enter the APN phone number in the "電話番号 (Phone Number)" field ► Click [次へ (Next)]



9 Select the connection usage range ► Click [次へ (Next)]

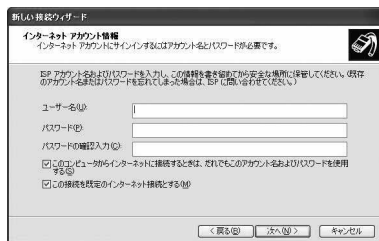
Select a user.

• Depending on the PC settings, this screen may not appear.

10 Fill in the "ユーザー名 (User Name)", "パスワード (Password)", and "パスワードの確認入力 (Confirm password)" fields ▶ Click[次へ (Next)]

Enter the information provided by your ISP or network administrator.

- To connect to "mopera U" or "mopera", these fields can be left unfilled.



11 Click [完了 (Finish)]

The new connection wizard appears.

12 Click "スタート (Start)" ▶ "すべてのプログラム (All programs)" ▶ "アクセサリ (Accessories)" ▶ "通信 (Communication)" ▶ "ネットワーク接続 (Network Connection)"

13 Select the icon of the created dial-up connection ▶ Click "この接続の設定を変更する (Change the setting of this connection)"



14 Check the settings on the "全般 (General)" tab

- If two or more modems are connected to the PC, enable only "モデム - FOMA L03C (Modem - FOMA L03C)" in the "接続方法 (Connection Method)" field.
- Disable "ダイヤル情報を使う (Use dialing information)".



15 Click the " ネットワーク (Networking)" tab

► Configure various settings

- Select "PPP:Windows 95/98/NT4/2000, Internet" in the "呼び出すダイヤルアップサーバーの種類 (Dial-up server type to call)" field.
- Enable "インターネット プロトコル (Internet Protocol) (TCP/IP)" in the "この接続は次の項目を使用します (This connection uses the following items)" field. You cannot change the settings of "QoS パケット スケジューラ (QoS Packet Scheduler)".



16 Click [設定 (Settings)]

17 Remove checkmarks from all items ► Click [OK]



18 On the " ネットワーク (Networking)" tab, click [OK]

Communicating

This section describes steps to start and terminate communication without using the DOCOMO Connection Manager.

- Check that the FOMA terminal and the PC are connected properly before starting communication. → P5
- When performing communication, connect the FOMA terminal you used to configure the settings. If a different FOMA terminal is connected, the L-03C communication setting files may need to be reinstalled.

Example: For Windows 7

1 Click " 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)" ► " ネットワークと共有センター (Network and Sharing Center)" ► " アダプターの設定の変更 (Change Adapter Setting)" ► Double-click the icon of the access point that has been set up

■ For Windows Vista

Click " スタート (Start)" ► " 接続先 (Connect to)" ► Select the access point that has been set up ► Click [接続 (Connect)].

■ For Windows XP

Click " スタート (Start)" ► " すべてのプログラム (All programs)" ► " アクセサリ (Accessories)" ► " 通信 (Communication)" ► " ネットワーク接続 (Network connection)" ► Double-click the icon of the access point that has been set up.

2 Enter "ユーザー名 (User Name)" and "パスワード (Password)".Click [ダイアル (Dial)]

The access point will be connected.

- To connect to "mopera U" or "mopera", you can leave the "ユーザー名 (User Name)" and "パスワード (Password)" fields unfilled and click [ダイアル (Dial)]. If another ISP or dial-up connection is selected, fill in the "ユーザー名 (User Name)" and "パスワード (Password)" fields and click [ダイアル (Dial)].
- You can save the user name and password or just the password to skip entering them next time.
- Depending on the operating system, a connection completion screen does not appear if you previously set the completion message to hide.



Disconnecting

Exiting the Internet browser may not terminate the connection. Perform the following steps to terminate the connection securely.

Example: For Windows 7

1 Click the dial-up icon in the task tray of the PC



A screen indicating the connection status appears.

2 Click [切断 (Disconnect)]

The communication will be terminated.



Note

- The communication speed shown on the PC screen may be different from the actual communication speed.

AT Commands

AT commands are used to check the FOMA terminal function settings or status on a PC. Usually the communication software issues AT commands so that you do not have to be aware of them. Use AT commands if you want to control the FOMA terminal in your own way.

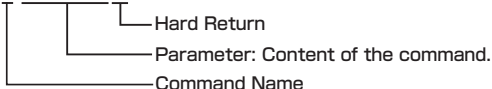
Format of AT Commands

AT commands should be entered on the Terminal Mode screen of the communication software such as Hyper Terminal.

- Terminal Mode is for sending text input on a PC to the line connected to the communication port.

Example of Entry Format

ATD * 99***1# 



- An AT command must be entered on a single line including parameters (numbers and symbols) following the command. On the Terminal Mode screen of the communication software, "one line" is from the first character to the character prior to . You can enter up to 256 characters including the AT command.
- Be sure to enter half-pitch alphanumeric characters for the AT command, including any parameters that follow the command.
- If the entered characters do not appear, enter ATE .

AT Command List

The following commands can be used with the L-03C modem.

- The following commands can be entered but are invalid commands that will not work.
 - AT (input only AT)
 - ATSO (set number of rings until the FOMA terminal automatically answers a call)
 - ATS6 (set time for pause until dialing)
 - ATS8 (set time for pause by comma dial)
 - ATS10 (set time for delay until automatic disconnection)

AT Commands	Overview	Parameters/Descriptions	Command Examples
A/	Repeat the last AT command executed. A carriage return (CR) does not need to be entered after inputting this command.	—	A/ OK
AT%V	Display the version of the FOMA terminal.	—	AT%V L03C- MSM1350- VXXX-XXX-XX- XXX-DCM-JP X [XXX XX 2010 XX:XX:XX] OK

AT Commands	Overview	Parameters/Descriptions	Command Examples
AT&C<n>	Set the operating conditions of the circuit CD signals for DTE.	n=0 : Always keep circuit CD signal ON. n=1 : CD changes depending on the other party modem carrier (default)	AT&C1 OK
AT&D<n>	Set the operation performed when a circuit ER signal received from DTE is switched from ON to OFF.	n=0 : Ignore ER signals (Always regard as ON). n=2 : When ER signals are turned off by disconnecting, the PC switches over to the offline command mode(default)	AT&D2 OK
AT&E<n>	Set interval velocity.	Only n=0 can be set (Only support wireless interval velocity) (optional)	—
AT&F<n>	Restore all registers to their defaults. If this command is entered during communication, the line will be disconnected.	Only n=0 can be set (optional)	—
AT&W<n>	Store the current setting value to the FOMA terminal.	Only n=0 can be set (optional)	—
AT*DANTE	Display the signal strength (number of antenna bars) of the FOMA terminal.	Result format: *DANTE:<m> m=0 : Out of service area m=1 : State of 0 or 1 antenna bar displayed m=2 : State of 2 antenna bars displayed m=3 : State of 3 antenna bars displayed	AT*DANTE *DANTE:3 OK
AT*DGPIR=<n>	Set whether to show or hide the caller ID to the access point during packet communication. The setting of this command is enabled when a call is made. This setting can also be set by adding 184 (hide) or 186 (show) to the access point number when configuring the dial-up network settings. → P20	n=0 : Connect with the APN setting as is. n=1 : Connect with 184 (hide) added to the APN. n=2 : Connect with 186 (show) added to the APN. AT*DGPIR? : Display the current setting value.	AT*DGPIR=0 OK AT*DGPIR? *DGPIR:0 OK
AT*DRPW	Display the received power indication value of the FOMA terminal (minimum value to maximum value: 0 to 75).	—	AT*DRPW *DRPW:25 OK
AT+CACM="<passwd>"	Reset the cumulative billing value recorded on the UIM (FOMA card).	passwd: PIN2 code If the entered PIN2 code is correct, the cumulative billing value is reset.	("1234" is entered for the PIN2 code) AT+CACM="1234" OK

AT Commands	Overview	Parameters/Descriptions	Command Examples
AT+CBC	Display the battery level of the FOMA terminal.	Result format: + CBC:<bcs>,<bcl> bcs=0 : Power is supplied from the battery pack bcs=1 : Power is not supplied from the battery pack bcs=2 : The battery pack is not connected to the FOMA terminal bcs=3 : A call cannot be made from the FOMA terminal as a result of a power supply error bcl : Remaining battery power is displayed with a value from 0 to 100	AT+CBC +CBC:0,70 OK
AT+CGDCONT	Set access point (APN) for packet communication.	See P35.	See P35.
AT+CGEQMIN	Register the threshold to accept the QoS (Quality of Service) sent from the network when packet communication is established via a PPP connection.	See P35.	See P36.
AT+CGEQREQ	Set the QoS (Quality of Service) to be requested from the network when packet communication via PPP connection is dialed.	See P36.	See P36.
AT+CGMR	Display the version of the FOMA terminal.	—	AT+CGMR XXXXXXXXXXXX XXXXX OK
AT+CGREG=<n>	Set whether to be notified of the status of registration to the network. Display whether in or out of service area based on the information received from the network.	n=0 : Not notified (default) n=1 : Notified Notify when switching in or out of service area. AT+CGREG? : Display the current status. Result format: +CGREG:<n>,<stat> n : Display the current setting value for whether a notification is sent. stat=0 : Out of the packet service area stat=1 : Within the packet service area stat=4 : Unknown stat=5 : Within the packet service area (while roaming)	AT+CGREG=1 OK (When notification is set to be sent) AT+CGREG? +CGREG:1,0 OK (When out of the packet service area)
AT+CGSN	Display the serial number of the FOMA terminal.	—	AT+CGSN XXXXXXXXXXXX XXXXX OK

AT Commands	Overview	Parameters/Descriptions	Command Examples
AT+CME=<n>	Set whether there is an error report format of the FOMA terminal.	n=0 : Use the normal ERROR result (default). n=1 : Use +CME ERROR:<err> result code, and use a numerical value for <err>. n=2 : Use +CME ERROR:<err> result code, and use characters for <err>. AT+CME? : Display the current setting values. The example on the right shows the display when a wrong PUK Code or PIN1/PIN2 Code was entered.	AT+CME=0 OK AT+CPIN="12345678","1234" ERROR AT+CME=1 OK AT+CPIN="12345678","1234" +CME ERROR : 16 AT+CME=2 OK AT+CPIN="12345678","1234" +CME ERROR : incorrect password
AT+CNUM	Display the own number of the FOMA terminal.	Result format: +CNUM:,<number>,<type> number : own number type=129 : Show the number without the international access code "+". type=145 : Show the number with the international access code "+".	AT+CNUM +CNUM:,"090XX XXXXXX",129 OK
AT+CPAS	Display whether the control signals to the FOMA terminal are available.	Result format: + CPAS:<pas> pas 0: Control signals can be exchanged with the FOMA terminal	AT+CPAS +CPAS:0 OK
AT+CPIN=<pin>["<newpin>"]	Enter the PIN code to the FOMA terminal.	Enter the PIN1/PIN2/PUK Code. AT+CPIN? : Display the status of the PIN1 or PIN2 code. For the result code, see P37. * PIN can be authenticated with AT+CPIN, however, it will not appear on the FOMA terminal. Be aware of this.	AT+CPIN? +CPIN : SIM PIN OK ("1234" is entered for the PIN1 or PIN2 Code.) AT+CPIN="1234" OK ("12345678" is entered for the PUK Code, and "1234" for the new PIN1 or PIN2 Code.) AT+CPIN="12345678","1234" OK

AT Commands	Overview	Parameters/Descriptions	Command Examples
AT+CPUC=" <code><currency></code> "," <code><ppu></code> "," <code><Passwd></code> "]	Rewrite the currency table on the UIM.	passwd : PIN2 code * If a wrong PIN2 code is entered, "ERROR" appears. AT+CPUC? : Display the current setting value.	("1234" is entered for the PIN2 code) AT+CPUC ="YEN","0.2","1234" OK AT+CPUC? +CPUC:"YEN", "0.2" OK AT+CPUC =? OK
AT+CREG=<n>	Set whether a result will be displayed regarding the terminal is in or out of service area. (Depending on the operating system of the PC, this may not be available).	n=0 : Not notified (default) n=1 : Notified Notify when switching in or out of service area. AT+CREG? : Display the current status. Result format: +CREG:<n>,<stat> n : Display the current setting value for whether a notification is sent. stat=0 : Out of the voice service area stat=1 : Within the voice service area stat=4 : Unknown stat=5 : Within the voice service area (while roaming)	AT+CREG=1 OK (Set to notification) AT+CREG? +CREG:1,0 OK (When out of service area) +CREG:1 (When you move into the service area)
AT+FCLASS=<n>	Set the communication type supported by the FOMA terminal.	n=0 : Only data communication is supported (default) AT+FCLASS? : Display the current setting values.	AT+FCLASS=0 OK
AT+GCAP	Display the AT command support capabilities of the FOMA terminal.	—	AT+GCAP +GCAP:+CGSM, +FCLASS,+W OK
AT+GMI	Display the manufacturer name.	—	AT+GMI LG Electronics Inc OK
AT+GMM	Display the FOMA terminal product name.	—	AT+GMM FOMA L03C OK

AT Commands	Overview	Parameters/Descriptions	Command Examples
AT+GMR	Display the version of the FOMA terminal.	—	AT+GMR L03C- MSM1350- VXXX-XXX-XX- XXXX-DCM-JP X [XXX XX 2010 XX:XX:XX] OK
AT+IFC=<n>,<m>	Set the local flow control method.	n: DCE by DTE m: DTE by DCE Parameters of <n> and <m> 0: No flow control 1: XON/XOFF flow control 2: RS/CS (RTS/CTS) flow control (default) AT+IFC? : Display the current setting values.	AT+IFC=2,2 OK AT+IFC? +IFC:2,2 OK
AT+WS46=<n>	Set the wireless network to be used by the FOMA terminal.	n=12: GSM n=22: 3G (W-CDMA) n=25: Auto switch (default) AT+WS46? : Display the current setting values.	AT+WS46=22 ERROR AT+WS46? 25 OK
AT ¥S	Display the currently set commands and S register content.	—	AT ¥S EO Q0 V1 X1 &C0 &D0 &EO ¥V1 S000=000 S003=013 S004=010 S005=008 S006=005 S007=060 S008=003 S010=001 OK
AT ¥V<n>	Set if use extended result code.	Only n=0 can be set (Not support extended result code) (optional)	—
ATD	Set automatic dialing	Input format : ATD*99***<cid># cid: Enter from 1 to 11 for the registration number (cid) of the APN set with the +CGDCONT command. · If cid is omitted and "ATD*99***#" is entered, the APN registered to cid1 is dialed automatically.	ATD*99***3# CONNECT
ATE<n>	Specify whether there is echo back for DTE in the command mode.	n=0 : No echo back n=1 : Echo back (default)	ATE1 OK

AT Commands	Overview	Parameters/Descriptions	Command Examples
ATI<n>	Display the confirmation code.	n=0 : Display "NTT DoCoMo". n=1 : Display the product name. n=2 : Display the version of the FOMA terminal. n=3 : Display each element of the ACMP signal. n=4 : Display details of the communication functions of the FOMA terminal.	ATI0 NTT DoCoMo OK ATI1 FOMA L03C OK
ATQ<n>	Set whether to display the result code for DTE.	n=0 : Show (default) n=1 : Hide	ATQ0 OK ATQ1 ("OK" is not displayed at this time)
ATS3=<n>	Set the carriage return character.	n=13 : Default value (only "13" can be specified) ATS3? : Display the current setting values.	ATS3=13 OK ATS3? 013 OK
ATS4=<n>	Set the line feed character.	n=10 : Default value (only "10" can be specified) ATS4? : Display the current setting values.	ATS4=10 OK ATS4? 010 OK
ATS5=<n>	Set the back space character.	n=8 : Default value (only "8" can be specified) ATS5? : Display the current setting values.	ATS5=8 OK ATS5? 008 OK
ATV<n>	Set all result codes to be displayed in numeric or alphabetic characters.	n=0 : Display result codes in numeric values. n=1 : Display result codes in text (default).	ATV1 OK
ATX<n>	Set whether to display the speed in the CONNECT indication when connected. Also detect a busy tone or dial tone.	n=0 : Not detect busy tones, not detect dial tones, and not display speed. n=1 : Not detect busy tones, not detect dial tones, and display speed. n=2 : Not detect busy tones, detect dial tones, and display speed. n=3 : Detect busy tones, not detect dial tones, and display speed. n=4 : Detect busy tones, detect dial tones, and display speed (default).	ATX1 OK
ATZ	Reset the AT command settings to the content in non-volatile memory. If this command is entered during communication, the settings will not be reset.	—	ATZ OK

Supplementary Explanation of AT Commands

■ Command name : +CGDCONT=[Parameter]

- Overview
Set access point (APN) for sending packets.
This is a setting command, however, it is not reset by &F.
- Format
+CGDCONT=[<cid>[,<PDP type>]*,<APN>*]]
- Parameter descriptions
<cid>^{*1}: 1 to 11
<PDP type>^{*2}: PPP or IP
<APN>^{*3}: Optional
 - *1 <cid> is a number used to manage the access point (APN) for the packet communication registered in the FOMA terminal. From 1 to 11 can be registered in this FOMA terminal.
By default, <PDP_type>=PPP,<APN>=mopera.ne.jp is registered to <cid>=1; <PDP_type>=PPP,<APN>=mopera.net is registered to <cid>=2; <PDP_type>=IP,<APN>=mopera.net is registered to <cid>=3; <PDP_type>=PPP,<APN>=mpr.ex-pkt.net is registered to <cid>=4.
 - *2 The <PDP type> is the connection method for packet communication.
Select to enter either PPP or IP for the connection method supported by the access point.
 - *3 <APN> is any text string that indicates an access point.
- Command examples
Command to register an APN with the name of abc (when registering the APN to cid5)
AT+CGDCONT=5,"IP","abc"
OK
- Operations without a parameter
AT+CGDCONT=
: Reset all < cid> to their defaults.
AT+CGDCONT=<cid>
: Reset the specified <cid> to its default.
AT+CGDCONT=?
: Display a list of values that can be specified.
AT+CGDCONT?
: Display the current setting values

■ Command name : +CGEQMIN=[Parameter]

- Overview
Register the threshold to accept the QoS (Quality of Service) sent from the network when packet communication is established.
This is a setting command, however, it is not reset by &F.
- Format
+CGEQMIN=[<cid>[,<Maximum bitrate UL>[,<Maximum bitrate DL>]]]
- Parameter descriptions
<cid>^{*1}: 1 to 11
<Maximum bitrate UL>^{*2}: None (default) or 2,048
<Maximum bitrate DL>^{*2}: None (default) or 7,232
 - *1 <cid> is a number used to manage the access point (APN) for the packet communication registered in the FOMA terminal.
 - *2 <Maximum bitrate UL> and <Maximum bitrate DL> indicate the maximum communication speed [kbps] of upload and download traffic respectively between the FOMA terminal and the base station. If these settings are set to None (default), all speeds are permissible. Not that if you set these settings to 2,048 and 7,232, a packet communication connection may not be able to be established since any speeds other than those set are not permissible.

- Command examples
 - (1) Command to permit all speeds for both upload and download (when cid=5)
AT+CGEQMIN=5
OK
 - (2) Command to permit only 2,048kbps for upload and 7,232kbps for download (when cid=5)
AT+CGEQMIN=5,,2048,7232
OK
 - (3) Command to permit 2,048kbps for upload and all speeds for download (when cid=5)
AT+CGEQMIN=5,,2048
OK
 - (4) Command to permit all speeds for upload and only 7,232kbps for download (when cid=6)
AT+CGEQMIN=6,,,7232
OK
- Operations without a parameter
AT+CGEQMIN=
: Reset all <cid> to their defaults.
AT+CGEQMIN=<cid>
: Reset the specified <cid> to its default.
AT+CGEQMIN=?
: Display a list of values that can be specified.
AT+CGEQMIN?
: Display the current setting values.

■ **Command name : +CGEQUIRE=[Parameter]**

- Overview
Set the QoS (Quality of Service) requested to the network when packet communication is dialed.
Only the command described in the following example can be used, and it is set as default.
This is a setting command, however, it is not reset by &F.
- Format
+CGEQUIRE=[<cid>]
- Parameter descriptions
<cid>*: 1 to 11
* <cid> is a number used to manage the access point (APN) for the packet communication registered in the FOMA terminal.
- Command examples
Command used to require 2,048kbps upload and 7,232kbps download (when <cid>=5)
AT+CGEQUIRE=5,5,2048,7232
OK
- Operations without a parameter
AT+CGEQUIRE=
: Reset all <cid> to their defaults.
AT+CGEQUIRE=<cid>
: Set the specified <cid> as default.

List of Error Reports		
Numeric display	Text display	Reason
15	SIM wrong	A SIM other than a UIM (non-NTT DOCOMO IC card) is inserted.
16	incorrect password	The password is incorrect.
100	unknown	There is an unknown error.

Result Codes

■ List of result codes

Numeric display	Text display	Description
0	OK	Performed properly.
1	CONNECT	Connected to the other party.
2	RING	Receiving a call.
3	NO CARRIER	Line disconnected.
4	ERROR	Unable to accept a command.
6	NO DIALTONE	Unable to detect dial tones.
7	BUSY	Detecting busy tones.
8	NO ANSWER	Connection completed (timeout)
100	RESTRICTION	The network access is restricted.

Note

- The result codes are displayed as text if the ATVn command (P33) is set to n=1 (default), and the result codes are displayed as numbers if set to n=0.

■ Result code of AT+CPIN?

FOMA terminal state	Result Codes
Waiting for input	+CPIN: SIM PIN (for PIN1 code) +CPIN: SIM PIN2 (for PIN2 code)
Waiting for input of PIN Unlock Code.	+CPIN: SIM PUK (for PIN1 code) +CPIN: SIM PUK2 (for PIN2 code)
PIN Code authenticated	+CPIN: READY
Inappropriate command was entered	+CME ERROR: operation not allowed
Incorrect command entered	ERROR

Kuten Code List for L-03C

- The kute codes in the following table may differ from the appearances of the actual display.

1

2

Kuten 1 to 3	0	1	2	Kuten 4th digit				7	8	9	Kuten 1 to 3	0	1	2	Kuten 4th digit				7	8	9
445	孟目紋	毛全門	猛勾勾	盲餅	網尤	耗辰	蒙粉	儲買	木問	默問	509	啞	咬	哄	咨	喀	喀	喀	喀	喀	585
446											510	咬	咬	咬	咬	咬	咬	咬	咬	咬	586
447											511	咬	咬	咬	咬	咬	咬	咬	咬	咬	587
448											512	咬	咬	咬	咬	咬	咬	咬	咬	咬	588
449											513	咬	咬	咬	咬	咬	咬	咬	咬	咬	589
450											514	咬	咬	咬	咬	咬	咬	咬	咬	咬	590
451											515	咬	咬	咬	咬	咬	咬	咬	咬	咬	591
452											516	咬	咬	咬	咬	咬	咬	咬	咬	咬	592
453											517	咬	咬	咬	咬	咬	咬	咬	咬	咬	593
454											518	咬	咬	咬	咬	咬	咬	咬	咬	咬	594
455											519	咬	咬	咬	咬	咬	咬	咬	咬	咬	595
456											520	咬	咬	咬	咬	咬	咬	咬	咬	咬	596
457											521	咬	咬	咬	咬	咬	咬	咬	咬	咬	597
458											522	咬	咬	咬	咬	咬	咬	咬	咬	咬	598
459											523	咬	咬	咬	咬	咬	咬	咬	咬	咬	599
460											524	咬	咬	咬	咬	咬	咬	咬	咬	咬	600
461											525	咬	咬	咬	咬	咬	咬	咬	咬	咬	601
462											526	咬	咬	咬	咬	咬	咬	咬	咬	咬	602
463											527	咬	咬	咬	咬	咬	咬	咬	咬	咬	603
464											528	咬	咬	咬	咬	咬	咬	咬	咬	咬	604
465											529	咬	咬	咬	咬	咬	咬	咬	咬	咬	605
466											530	咬	咬	咬	咬	咬	咬	咬	咬	咬	606
467											531	咬	咬	咬	咬	咬	咬	咬	咬	咬	607
468											532	咬	咬	咬	咬	咬	咬	咬	咬	咬	608
469											533	咬	咬	咬	咬	咬	咬	咬	咬	咬	609
470											534	咬	咬	咬	咬	咬	咬	咬	咬	咬	610
471											535	咬	咬	咬	咬	咬	咬	咬	咬	咬	611
472											536	咬	咬	咬	咬	咬	咬	咬	咬	咬	612
473											537	咬	咬	咬	咬	咬	咬	咬	咬	咬	613
474											538	咬	咬	咬	咬	咬	咬	咬	咬	咬	614
475											539	咬	咬	咬	咬	咬	咬	咬	咬	咬	615
480											540	咬	咬	咬	咬	咬	咬	咬	咬	咬	616
481											541	咬	咬	咬	咬	咬	咬	咬	咬	咬	617
482											542	咬	咬	咬	咬	咬	咬	咬	咬	咬	618
483											543	咬	咬	咬	咬	咬	咬	咬	咬	咬	619
484											544	咬	咬	咬	咬	咬	咬	咬	咬	咬	620
485											545	咬	咬	咬	咬	咬	咬	咬	咬	咬	621
486											546	咬	咬	咬	咬	咬	咬	咬	咬	咬	622
487											547	咬	咬	咬	咬	咬	咬	咬	咬	咬	623
488											548	咬	咬	咬	咬	咬	咬	咬	咬	咬	624
489											549	咬	咬	咬	咬	咬	咬	咬	咬	咬	625
490											550	咬	咬	咬	咬	咬	咬	咬	咬	咬	626
491											551	咬	咬	咬	咬	咬	咬	咬	咬	咬	627
492											552	咬	咬	咬	咬	咬	咬	咬	咬	咬	628
493											553	咬	咬	咬	咬	咬	咬	咬	咬	咬	629
494											554	咬	咬	咬	咬	咬	咬	咬	咬	咬	630
495											555	咬	咬	咬	咬	咬	咬	咬	咬	咬	631
496											556	咬	咬	咬	咬	咬	咬	咬	咬	咬	632
497											557	咬	咬	咬	咬	咬	咬	咬	咬	咬	633
498											558	咬	咬	咬	咬	咬	咬	咬	咬	咬	634
499											559	咬	咬	咬	咬	咬	咬	咬	咬	咬	635
500											560	咬	咬	咬	咬	咬	咬	咬	咬	咬	636
501											561	咬	咬	咬	咬	咬	咬	咬	咬	咬	637
502											562	咬	咬	咬	咬	咬	咬	咬	咬	咬	638
503											563	咬	咬	咬	咬	咬	咬	咬	咬	咬	639
504											564	咬	咬	咬	咬	咬	咬	咬	咬	咬	640
505											565	咬	咬	咬	咬	咬	咬	咬	咬	咬	641
506											566	咬	咬	咬	咬	咬	咬	咬	咬	咬	642
507											567	咬	咬	咬	咬	咬	咬	咬	咬	咬	643
508											568	咬	咬	咬	咬	咬	咬	咬	咬	咬	644
											569	咬	咬	咬	咬	咬	咬	咬	咬	咬	645
											570	咬	咬	咬	咬	咬	咬	咬	咬	咬	646
											571	咬	咬	咬	咬	咬	咬	咬	咬	咬	647
											572	咬	咬	咬	咬	咬	咬	咬	咬	咬	648
											573	咬	咬	咬	咬	咬	咬	咬	咬	咬	649
											574	咬	咬	咬	咬	咬	咬	咬	咬	咬	650
											575	咬	咬	咬	咬	咬	咬	咬	咬	咬	651
											576	咬	咬	咬	咬	咬	咬	咬	咬	咬	652
											577	咬	咬	咬	咬	咬	咬	咬	咬	咬	653
											578	咬	咬	咬	咬	咬	咬	咬	咬	咬	654
											579	咬	咬	咬	咬	咬	咬	咬	咬	咬	655
											580	咬	咬	咬	咬	咬	咬	咬	咬	咬	656
											581	咬	咬	咬	咬	咬	咬	咬	咬	咬	657
											582	咬	咬	咬	咬	咬	咬	咬	咬	咬	658
											583	咬	咬	咬	咬	咬	咬	咬	咬	咬	659
											584	咬	咬	咬	咬	咬	咬	咬	咬	咬	660

[illegible]