NTT docomo

L-01B

INSTRUCTION MANUAL ’10.2

docomo STYLE series

DOCOMO W-CDMA and GSM/GPRS Systems

Thank you for selecting the "docomo STYLE series L-01B".

Read this manual before use to correctly operate your L-01B.

Operation Description of L-01B

Operations of L-01B 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.

From L-01B, press [7](for over 1 second).

■"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 manuals are subject to change without prior notice.

Accessories

L-01B FOMA terminal
(With Warranty and Back Cover L15)



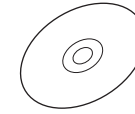
Battery Pack L06



Instruction Manual (Japanese version)



CD-ROM for L-01B



Options compatible with this FOMA terminal→P79

- Note that "L-01B" 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.
- This manual describes operations mainly using the default settings ("L01B_white" in Kisekae Tool). If settings are changed, screen displays or operations may differ from those described in this manual.

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FOMA Terminal

- Because the FOMA terminal uses radio waves, 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.
- Because your FOMA terminal uses radio waves to communicate, 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 CA Ltd.
- 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-01B

Guide (Japanese only)→P21

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.

Stand-by display ▶ [7] (for over 1 second)

International roaming→P43

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

i-mode→P52

The operation performance is improved and you can use information from websites more conveniently than before.

Camera functions→P56

You can capture still images (with auto focus) and moving pictures using the Outer camera with approx. 5.1 Mega effective pixels (approx. 5.0 Mega recorded pixels) and Inner camera with approx. 300 Kilo effective pixels (approx. 300 Kilo recorded pixels).

1Seg→P58

You can enjoy 1Seg (digital terrestrial broadcasting for mobile devices). Subtitles and data broadcasting are available.

Osaifu-Keitai→P64

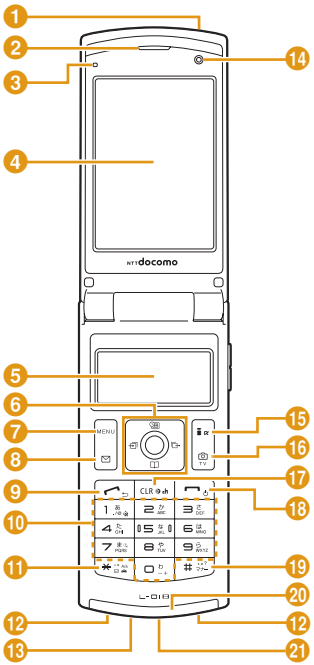
You can download i-αppli that supports Osaifu-Keitai to deposit electronic money to the IC card on the FOMA terminal, check your balance or view usage history using communication. DOCOMO credit service "DCMX" application is preinstalled. "iC transfer service" is also available, which allows transfer of data on the IC card when you replace your FOMA terminal.

Color therapy→P65

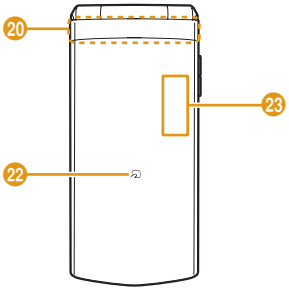
Light up the illumination of the FOMA terminal and you can gain healing effect by color and melody.

Part Names and Functions

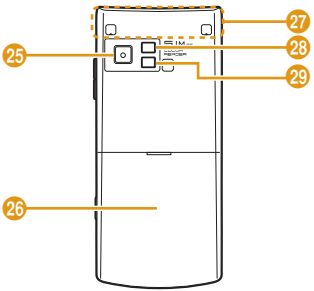
Front



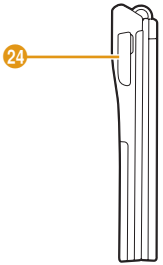
Front with FOMA terminal closed



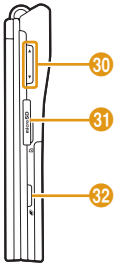
Rear



Left side



Right side

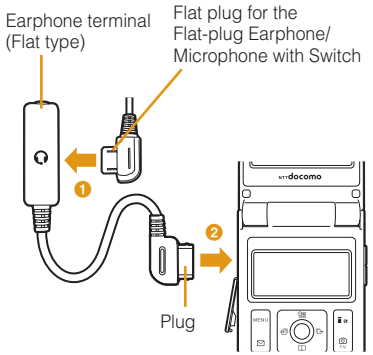


* 1Seg antenna is inside the FOMA terminal, and whole part of the FOMA terminal works as antenna.

1 **Infrared port**
2 **Earpiece/Speaker**
3 **Illumination sensor**
4 **Display**
5 **Touch Board**
6 **Navigation key**
7 MENU **Menu key**
Display the main menu.
8 **Mail key**
Display the mail menu.
9 **Start key**
Make/receive a call.
10 **Dial keys**
Enter a phone number or character.
11 ✱ **Public mode (Drive mode) key**
12 **Charging terminals**
13 **Mouthpiece**
14 **Inner camera**
15 **i-mode/i-αppli key**
Display the iMenu screen.
16 TV **Camera/TV key**
Display the still image shooting screen.
17 CLR **Clear/i-Channel key**
Return to the previous state or to the Stand-by display.
18 **Power/Exit key**
End a call or exit a function.
19 # **Manner mode key**
20 **Illumination**
21 **Strap hole**
22 **mark**
23 **External LED**
24 **External connector terminal**
25 **Outer camera**
26 **Back cover**
27 **FOMA antenna**
• The FOMA antenna is inside the FOMA terminal. To communicate in better condition, avoid covering the antenna part with your hands.
28 **Photo light/Light**
29 **Color reader**
30 ▲▼ **Volume key**
Adjust the volume.
31 **microSD card slot**
32 **Multitask key**
Display the New task screen.

Using earphones

Connect optional earphones compatible with the external connector terminal.
If you use the incompatible earphones, connect the optional conversion plug adapter to the earphones.



Ex.: Connecting the Flat-plug Earphone/ Microphone with Switch (optional)

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 that incorrect handling poses a risk of causing death or serious injury.**
⚠ CAUTION	**This symbol indicates that incorrect handling poses a risk of causing injury or damage to the product or property.**

■ The following symbols 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 6 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 P14
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.

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

No disassembly

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

Fire, injury, electric shock, or malfunction may result. The battery pack may leak, overheat, explode, or catch fire.

No liquids

Do not get the FOMA terminal and its accessories wet.

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

Do

Use only the battery packs and adapters specified by NTT DOCOMO.

Using the accessories other than specified one may cause the FOMA terminal, battery pack and other devices to leak, overheat, explode, ignite, or malfunction.

WARNING

Don't

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

The battery pack may leak, overheat, explode, or ignite. Also, the FOMA terminal or adapter may overheat, smoke or ignite, or the circuit boards may be damaged.

Don't

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

The battery pack may leak, overheat, explode, or ignite. Also, the devices may malfunction or catch fire.

Don't

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

Fire or malfunction may result from a short-circuit.

Do

Make sure to turn the power of a mobile phone off before you go near flammable gas such as a gas station. Do not charge the FOMA terminal. Catching fire may result.

Be sure to turn the power off before you use Osaifu-Keitai in a place such as a gas station. (If the IC card lock is set, unlock the IC card lock before turning the power off.)

Do

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

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

If you continue to use the FOMA terminal and its accessories, overheating, explosion, ignition, or leakage of the battery pack 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 or malfunction.

Don't

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

Malfunction 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-αppli, make a long videophone call, or watch 1Seg 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 directly point the Infrared port at someone's eyes during transmission.

Their eyes may be adversely affected. Also, pointing it to other infrared devices to transmit data may interfere with the operation of those devices.

Don't

Do not flash a light at a short distance from someone's eyes.

Visual disorder may result. Also, blinding or surprising someone may cause an accident.

Don't

Do not put the FOMA terminal in a place where it could be impacted by an expanding airbag, e.g. on the dashboard of a car.

If the airbag expands, the FOMA terminal may hit you or others, resulting in an accident or injury and the FOMA terminal may malfunction or be damaged.


Don't

If you wear any imbedded electronic medical devices, do not place the FOMA terminal in a chest pocket or inner pocket.

If you use the FOMA terminal near electronic medical devices, failure of the electronic medical devices may result.


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, electric shock, or malfunction may result.


Don't

Do not flash a light directed to a driver of the vehicle.

It disturbs driving and may cause an accident.


Do

Turn the FOMA terminal power 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 may be punished if you take activity prohibited by law such as use of the FOMA terminal in airplanes.


Do

When using Hands-free, 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.

Those functions may affect the heart.


Do

In case of thunder while using the FOMA terminal outdoors, immediately turn the power off and move to a safe place.

Lightning or electric shock may result.


Do

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

The FOMA terminal may possibly cause the electronic devices to 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, malfunction, or damage.

Don't

If you use "M-toy", make sure the safety of your surroundings, hold the FOMA terminal firmly, and do not shake it more than necessary.

"M-toy" is a game to play by tilting or shaking the FOMA terminal. Shaking the FOMA terminal too much may hit others or object, resulting in a serious accident or malfunction.

Don't

If you attach a strap made of metal or similar material, be careful not to hit others or object by the strap when you play "M-toy".

Injury, malfunction, or damage may result.

Don't

If the display is broken and the LCD liquid leaks, do not put the liquid into your mouth, swallow the liquid, or apply the liquid to your skin.

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.

Blindness or injury to your skin may result.

Don't

Keep your ear away from the speaker when the ring tone is sounding or melody is being played on the FOMA terminal.

Hearing loss may result.

Don't

The surface of the display is covered with a protective film that prevents shattered plastic pieces from scattering in case the display breaks by being dropped or an external impact. Do not forcibly remove or damage the film.

If the film has been removed, injury may result when the display breaks.

Do

If you use the FOMA terminal in a car, in-car electronic devices may be affected, depending on the type of a car.

In this case, do not use the FOMA terminal for safety's sake.

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.

Metals are used for the following parts:

Part	Material	Surface treatment
Illumination part	PC resin	Evaporated tin
Charging terminal	Beryllium copper	Au plating

Do

Be careful not to get your fingers or strap caught when you close the FOMA terminal.

Injury or failure may result.

Do

Watch 1Seg in a well-lit place, keeping a certain distance from the screen.

Eyesight may be failing.

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.

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

Don't

Do not put excessive force when inserting the battery pack into the FOMA terminal, even if you have difficulty in inserting it.

Also, check the direction of the battery pack before inserting.

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

Don't

Do not throw the battery pack into fire.

The leakage, overheating, explosion, or ignition 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.

The leakage, overheating, explosion, or ignition 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 an abnormality occurs to the battery pack when it is damaged or deformed by the FOMA terminal being dropped, stop using the FOMA terminal immediately.

The leakage, overheating, explosion, or ignition of the battery pack, or malfunction of the devices or fire may result.

Do

If charging is not completed when the specified charging time elapsed, stop charging.

The leakage, overheating, explosion, or ignition 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.

The leakage, overheating, explosion, or ignition of the battery pack, or malfunction of the devices or fire 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 charge a wet battery pack.

The battery pack may overheat, explode or ignite.

Do

If battery fluid gets on your skin or clothes, immediately stop using and flush with clean water.

Injury to your skin may result.

Precautions for Adapter

⚠ WARNING

Don't

Do not use a damaged adapter cord or power cord.

Electric shock, overheating, or fire may result.

Don't

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

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 may result.


Don't

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

Lightning or 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, malfunction, electric shock, or injury may result.


Don't

Place the charger or desktop holder in a stable location while charging. Also, do not cover or wrap the charger or desktop holder with cloth or bedding.

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


Don't

Do not place heavy objects on the adapter cord or power cord.

Electric shock or fire may result.


No wet hands

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

Electric shock may result.


Do

Use the adapter at the specified power source and voltage.

Failing to do so may result in fire or malfunction. When you use the FOMA terminal overseas, use an AC adapter appropriate for the location.

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

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

The use of an incorrect fuse may cause fire or malfunction. See each instruction manual for the specified fuse.


Do

Keep the power plug dust-free.

Fire may result.


Do

When plugging the AC adapter into an outlet, plug it in firmly, being careful not to let it contact with any metal objects such as metal strap.

Electric shock, a short-circuit, or fire may result.


Do

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

If you pull the plug by the cord, the cord may be damaged, resulting in electric shock or fire.


Unplug

If you do not use the adapter for a long period of time, unplug the power plug from the outlet.

Electric shock, fire, or malfunction may result.


Unplug

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

Electric shock, smoke, or fire may result.


Unplug

Before cleaning, pull the plug out of the outlet or cigarette lighter socket.
Electric shock may result.

Precautions for UIM

⚠ CAUTION


Do

Be careful not to touch the edge of UIM (IC portion) when removing it.
Your hands or fingers may be injured.

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 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 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 affected by radio waves.

General notes

■ **Do not wet the equipment.**

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 sweat 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. This may be repaired at your expense even if repairs are possible.

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

- In some models, the display of the FOMA terminal has a special coating in order to make the color display clear. If you rub the display strongly with a dry cloth, it may be scratched. Take care of handling the FOMA terminal and use a dry soft cloth (lens cleaning cloth) to clean the equipment. If the display is left with water drop or stain adhered, smear may be generated or the coating may peel off.
- 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 terminals, the connector may be damaged or malfunction.

■ **Carefully read each manual attached to the FOMA terminal, adapter, and desktop holder.**

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

Doing so may cause damage or malfunction.

Notes on the FOMA terminal

■ **Do not push the surface of the Touch Board strongly with a sharp object such as a finger nail, ballpoint pen, pin, or a finger.**

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

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

■ **The FOMA terminal may 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 the loss of any of your data.

■ **Do not drop the FOMA terminal or subject it to shocks.**
Damage or malfunction may result.

■ **Do not insert an external device to the external connector terminal (earphone/microphone terminal) crookedly or do not pull it when it is inserted.**
Damage or malfunction may result.

■ **Do not close the FOMA terminal with a strap caught inside.**
Damage or malfunction may result.

■ **It is normal for the FOMA terminal to become warm during use or being charged. You can continue to use it.**

■ **Do not leave the camera in a place exposed to direct sunlight.**
Pixels may be discolored or burns may result.

■ **Usually close the covers of the external connector terminals and microSD card slot.**
Dust or moisture may seep in and cause malfunction.

■ **Do not use the FOMA terminal with the back cover removed.**
The battery pack may fall out or malfunction or damage may result.

■ **Do not attach extremely thick stickers on the display or keypad.**
Malfunction 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 media 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℃ to 35℃.**

■ **When you use the FOMA terminal for the first time or when you have not used for a long time, be sure to charge the battery pack before use.**

■ **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 for a long time, 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.

Notes on the adapter

■ **Charge the battery pack in a place with an ambient temperature of 5℃ to 35℃.**

■ **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 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.**

■ **It is normal for the UIM to become warm while using the FOMA terminal. You can continue to use it.**

■ **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 the loss of any of your data.

■ **To protect the environment, please bring unnecessary UIM to a service counter such as the docomo Shop.**

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

■ **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.

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 技" 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 mobile phone in hand while driving is subject to punishment by law.

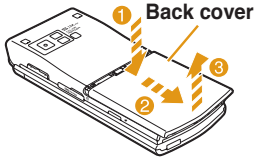
If you receive a call unavoidably, use Hands-free to tell the caller to call back and park the car at a safe place and then make a call.

Attaching UIM (FOMA Card)/ Battery Pack

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

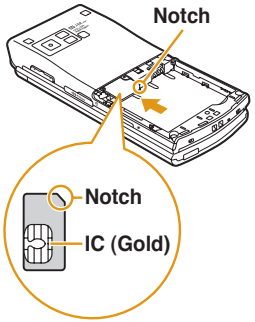
- When inserting, close the FOMA terminal and hold it with both hands.

1 While pressing the back cover in the direction ❶, slide it in the direction ❷ and hold it up in the direction ❸ and remove it

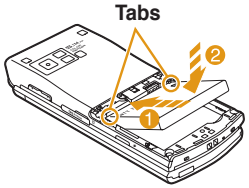


- If difficult to slide the back cover, hold the FOMA terminal with both hands and slide it with both thumbs.

2 With the gold IC side down, push the UIM surface to insert it slowly to the end

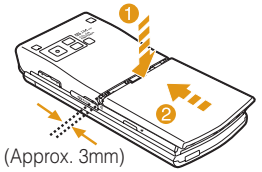


3 With the " A " side up, align the metal contacts of the battery pack and the FOMA terminal, attach the battery pack in the direction ❶, and then push it down in the direction ❷



- When attaching, align the tabs of the FOMA terminal and the depressions of the battery pack.

4 Align the back cover to the ditch of the FOMA terminal with approx. 3mm gap kept between the back cover and FOMA terminal. While pressing the back cover in the direction ❶, slide it in the direction ❷ and insert it until it clicks



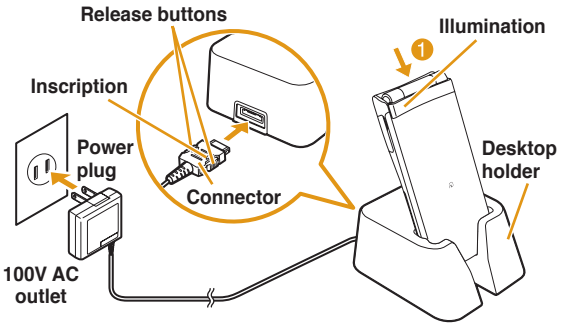
Charging

Charging with AC adapter and desktop holder

While holding the desktop holder (optional), insert the AC adapter connector, with the inscribed arrow side up, straight into the external connector terminal of the desktop holder.
Connect the AC adapter plug to an electric outlet.
Insert the FOMA terminal in the direction ❶ along the desktop holder.

- The illumination lights up and charging starts. When charging completes, the illumination turns off.

After charging completes, pull the FOMA terminal out while holding the desktop holder.



Information

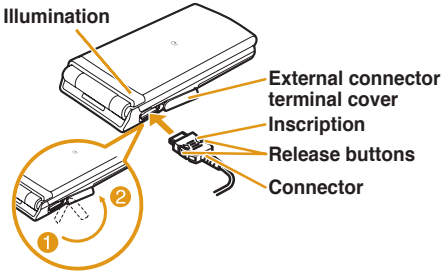
- Be careful not to pinch the strap, etc.
- When charging, close the FOMA terminal.
- Make sure to pull out the AC adapter connector straight while pressing the release buttons on the both sides of the connector. Forcibly trying to remove the adapter may cause damage.

Charging only with AC adapter

Open the external connector terminal cover of the FOMA terminal (❶) and flip it over (❷). With the inscribed arrow side up, insert the AC adapter connector straight into the external connector terminal of the FOMA terminal.
Connect the AC adapter plug to an electric outlet.

- The illumination lights up and charging starts. When charging completes, the illumination turns off.

After charging completes, pull the AC adapter connector straight out while pressing the release buttons.



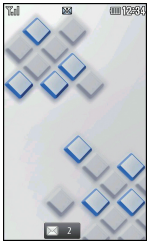
Information
- Make sure to insert or pull out the AC adapter straight with the correct side up. Forcibly trying to remove the adapter may cause damage.

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.



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 Setting

After turning the power ON for the first time, set "Set Date&Time", "Change security code", "KeyPad Sound(ON/OFF)", "Location request setting", and "Calibration" as default settings.

1 Turn the power ON ▶ "Yes"

2 Set the date and time

3 Set the Terminal security code

4 Set the keypad tone (select "ON" or "OFF")

5 Make the location request setting

6 Perform the calibration of the Touch Board

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 Stand-by display ▶ [MENU] ▶ "Own Number"

Editing your own number

1 Stand-by display ▶ [MENU] ▶ "Own Number" ▶ [●][Detail] ▶ Enter the Terminal security code

2 [MENU][Menu] ▶ "Edit"

3 Edit each item ▶ [i-αA][Done]

Searching for Key Operations

Search and refer to the function you want to know or use. Depending on the function, you can execute the searched function after searching.

- This function is provided in Japanese only.

1 Stand-by display ▶ [7] (for over 1 second)

2 "Menu search"/"Useful guide"

When selecting "Menu search", enter menu item names or keywords to search for your desired function. Press [i-αA][Chara] to switch input modes.

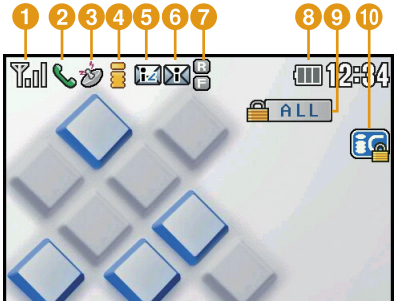
When selecting "Useful guide", select and check the target function from the list.

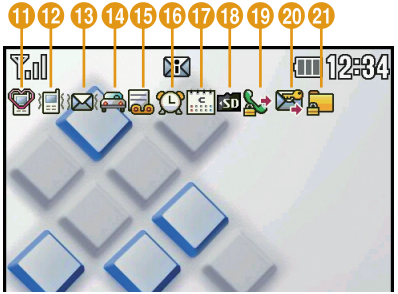
Information

- If [●][Start] appears on the search result screen, press [●][Start] to execute the function.

Viewing Display/Icon

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





1. Signal strength (estimate)
   Strong ⟷ Weak
   Out of service area or no signal reception
2. Voice call in progress
3. GPS positioning in progress
4. i-mode connection in progress while blinking
5. i-mode mail stored at the i-mode center
6. Unread i-mode mail
7. Unread MessageR
   Unread MessageF
8. Battery level (estimate)
9. Lock all set
10. IC card lock set
11. Manner mode set
12. A ring tone for voice/videophone call inactive and vibration active
13. A ring tone for mail/MessageR/F inactive and vibration active
14. Public mode (Drive mode) set

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

Notification icon

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



22 Missed call
23 Unread mail
24 Voice mail message
25 Record message

External LED

When the FOMA terminal is closed, or ▲ or ▼ is pressed with the FOMA terminal closed, the clock is displayed for approximately five seconds. Incoming calls or mails, the status of the FOMA terminal, etc. are notified by LED lighting patterns. (The following images are examples of lighting patterns.)


Clock display


Incoming voice call/ videophone call


Incoming mail/ MessageR/F


Music playback/adjusting volume


Alarm sounding

Information
• Clock is not displayed when other illuminations light up or blink.

Viewing Main Menu

Execute functions from the main menu on the FOMA terminal.

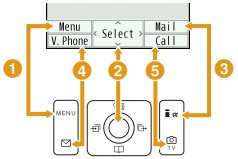


Function displayed on the main menu and corresponding key

Function	Key	Function	Key
Mail	1	i-mode	2
i-αppli	3	Phonebook	4
Data box	5	MUSIC	6
LifeKit	7	Stationery	8
1Seg	9	Settings	*
Own Number	0	Osaifu-Keitai	#

Key Operation

Available operations on the currently opened screen are displayed as Soft keys at the bottom of a screen.



1. **Operation to be performed with MENU appears.**
2. **Operation to be performed with ● appears.**
   - The mark (‹ ⌃⌄ ›) also appears to indicate the possible direction for scrolling or selecting an item.
3. **Operation to be performed with i-αppli appears.**
4. **Operation to be performed with ✉ appears.**
5. **Operation to be performed with TV appears.**

Using Touch Board

Touch the screen directly to perform various operations on the Touch Board.

- When the Touch Board turns off, touch operations become unavailable. Turn it on by the following operation.
  - Press any key
  - Open/close the FOMA terminal

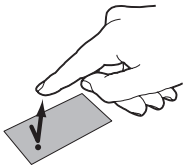
Precautions on using Touch Board

- The Touch Board may not function in the following cases. Also, misoperation may be caused.
  - Operations with a foreign object put on the board
  - Operations with the protective sheet or stickers attached
- Do not press the Touch Board with a sharp-pointed object such as nail, pen, pin, etc. or finger strongly.

Touch the board softly and release your finger

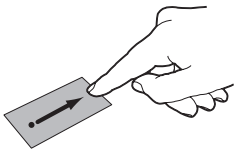
Ex.: Select an item or execute the selected operation

- This operation is described as "**touch**" in this manual.



Keep touching the board and move your finger

Ex.: Create an illustration with Oekaki photo



Touch the board softly and flick your finger up, down, right or left

Ex: Scroll at high speed when there are too many items, etc. to be displayed on a screen (This operation may be disabled depending on the screen.)

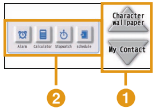


Touch Board Stand-by Display and Operation

Use functions such as the Character wallpaper screen or Shortcut screen, etc. on the Touch Board stand-by display.

● Switching Stand-by display

1 Stand-by display ▶ ▲/▼



2 Touch ❶ to switch the screen ▶ Touch ❷ to set the screen

- Even if you do not touch ❷, the screen is automatically set after a few seconds.

Character wallpaper screen

Animal characters move around the display and Touch Board. Tilt or shake the FOMA terminal to operate a character.

1 Stand-by display ▶ ▲/▼ ▶ Touch ▲/▼ to display "Character wallpaper" screen

Shortcut screen

Touch shortcut icons to open each function quickly.

● **Adding shortcuts**

1 **Stand-by display ▶ [▲]/[▼] ▶ Touch ▲/▼ to display "Shortcut" screen**

2 **Touch "Add Shortcut"**

3 **Move the cursor to the shortcut registration field ▶ [●][Add] ▶ Select a function ▶ [i-αppli][Done]**

• Press [MENU][Menu] to delete the added function.

● **Using shortcuts**

1 **Stand-by display ▶ [▲]/[▼] ▶ Touch ▲/▼ to display "Shortcut" screen**

2 **Touch a shortcut icon**

My Contact screen

Save frequently used entries from Phonebook to make a call or send a message quickly.

● **Saving entries to My Contact**

1 **Stand-by display ▶ [▲]/[▼] ▶ Touch ▲/▼ to display "My Contact" screen**

2 **Touch "Add Contact"**

Phonebook appears. If no entries are saved on the FOMA terminal, Add to phonebook screen appears. Save new entry.

3 **Select an entry**

● **Using My Contact**

1 **Stand-by display ▶ [▲]/[▼] ▶ Touch ▲/▼ to display "My Contact" screen**

2 **Touch the other party's image/icon**

3 **Select/set each item**

Oekaki photo screen

Display the captured images, etc. as the Touch Board stand-by display.

● **Setting Oekaki photo**

1 **Stand-by display ▶ [▲]/[▼] ▶ Touch ▲/▼ to display "Oekaki photo" screen**

2 Touch the still image displayed on the Touch Board for over 1 second

3 Touch "Create New"/"Set From Data Box"

● Displaying Oekaki photo

1 Stand-by display ▶ [▲]/[▼] ▶ Touch ▲/▼ to display "Oekaki photo" screen

Menu Operation

This section explains operations for accessing the main menu from the Stand-by display and displaying the setting screen for "Color theme" in the following two ways.

When using Navigation key

1 In Stand-by, press [MENU]

2 On the Main menu screen, use ✉ to move the cursor to "Settings" and press [●][Select]

3 On the Settings screen, use ✉ to move the cursor to "Display" and press [●][Select]

4 On the Display screen, use ✉ to move the cursor to "Color theme" and press [●][Select]

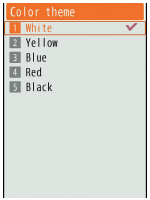
When using Dial keys

1 In Stand-by, press [MENU]

2 On the Main menu screen, press [*] corresponding to "Settings"

3 On the Settings screen, press [2] corresponding to "Display"

4 On the Display screen, press [3] corresponding to "Color theme"



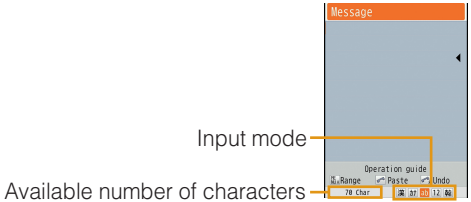
Character Entry

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.



Character entry screen

Switching input mode

Switch the input mode according to the character type to be input. In some input modes, switching between full-pitch and half-pitch characters is available.

1 Character entry screen ▶ [Mode]

2 [Change]

- Each time you press [Change], input modes are switched.
- When you press [To full/To half], full-pitch and half-pitch modes are switched (except for Hiragana and Kanji input mode and Korean input mode).

漢 : Hiragana and Kanji input mode
カ (ｶﾅ) : Katakana input mode
a/A*1 (ab/AB*1) : Alphabetical input mode
1 (12) : Numeric input mode
韓*2 : Korean input mode

*1 Press [MENU][Upper/Lower] to switch between upper and lower cases.
*2 Appears when SMS input character is set to "JP/KR(70Chara)".

3 [Select]

The input mode is set.

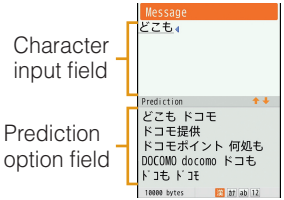
Character entry method

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)"

"ど": 4 five times ▶ * once
"こ": 2 five times
"も": 7 five times



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

2 Use ● to move the cursor to the Prediction option field

3 Move the cursor to "ドコモ (DOCOMO)" ▶ ● [Set]

4 Enter "たろう (Taro)"

"た": 4 once
"ろ": 9 five times
"う": 1 three times

5 Use ● to move the cursor to the Prediction option field

6 Move the cursor to "太郎 (Taro)" ▶ ● [Set]

Entering pictograms/symbols/emoticons

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

1 Character entry screen ▶ TV [Pict/Sym]

2 Use あa [Change] to select an input mode

3 Use MENU to switch types

4 Select a pictogram/symbol/emoticon to enter

Information

- Depending on the entry screen, pictograms, symbols, or emoticons may not be entered, or input mode/type may not be switched.

Changing Ring Tone

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Sounds&Vibration" ▶ "Select ring tone"**

2 **Select an item and select a file**

3 **[Done]**

Adjusting Volume

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Sounds&Vibration" ▶ "Volume"**

2 **Select an item and adjust volume**

3 **[Done]**

Setting Vibrator

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Sounds&Vibration" ▶ "Vibrator"**

2 **Select/set each item**

3 **[Done]**

Using Manner Mode

1 **Stand-by display ▶ [#](for over 1 second)**

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

- Even while the manner mode is set, the camera shutter tone sounds.

■ To cancel the Manner mode

In Stand-by, press [#](for over 1 second).

Setting Keypad Sound OFF

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Sounds&Vibration" ▶ "Volume" ▶ Move the cursor to "Keypad tone"**

2 **Use [◀▶] to set (Mute)**

3 **[Done]**

Changing Screen Display

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Display" ▶ "Stand-by display"**

2 **Set each item**

3 **[i-α] [Done]**

Backlight

Set the backlight of the display.

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Display" ▶ "Backlight"**

2 **Move the cursor to "Auto brightness" ▶ [●] [ON/OFF]**
- Set to "OFF" to select/set each item.

3 **[i-α] [Done]**

Changing main menu design

Set the menu design displayed when [MENU] is pressed in Stand-by.

1 **Stand-by display ▶ [MENU] ▶ [MENU] [Menu] ▶ "Menu priority" ▶ "Custom menu"/"Basic menu" ▶ "Yes"**

Information
- To switch the menu temporarily, press [TV] [Basic/Custom] while the menu is displayed.

Kisekae Tool

Set ring tones, stand-by display or menu icons, etc. at a time.

1 **Stand-by display ▶ [MENU] ▶ "Data box" ▶ "Kisekae Tool"**

2 **Move the cursor to "i-mode"/"Preinstalled" ▶ [●] [Open]**

3 **Move the cursor to a Kisekae Tool ▶ [i-α] [Set all] ▶ "Yes"**

Information
- Kisekae Tool can also be set using the following steps. Stand-by display ▶ [MENU] ▶ [i-α] [Kisekae] ▶ Move the cursor to "i-mode"/"Preinstalled" ▶ [●] [Open]
- To reset the setting, press [MENU] [Menu] on the Kisekae Tool list screen ▶ "Reset screen display / sound setting" ▶ enter the Terminal security code.

Changing Lighting Patterns for External LED when Receiving

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Display" ▶ "LED matrix"**

2 **"Incoming voice call"/"Incoming video call"/"New mail" ▶ Select an LED pattern**

3 **[i-α] [Done]**

Changing Illumination when Receiving

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Display" ▶ "Illumination"**

2 **"Incoming voice call"/"Incoming video call"/"New mail" ▶ Set each item**

3 **[i-α] [Done] ▶ [i-α] [Done]**

Information
- When a missed call or unread mail/message exists, the illumination lights up or brinks at approximately five seconds interval as follows. This illumination setting cannot be changed.
  Missed call: Top, Collect, Blue
  Unread mail/message: Top, Blink, Pink

Saving Power Consumption

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

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Other" ▶ "Power saver mode" ▶ "ON"/"OFF"**

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.
Stand-by display ▶ MENU ▶ "Settings" ▶ "Lock/Security" ▶ "Change security code"

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

The Network security code is a four-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 "iMenu" ▶ "お客様サポート (user support)" ▶ "各種設定(確認･変更･利用) (settings (check/change/use))".

- 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 four-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 "iMenu" ▶ "English" ▶ "Options".

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

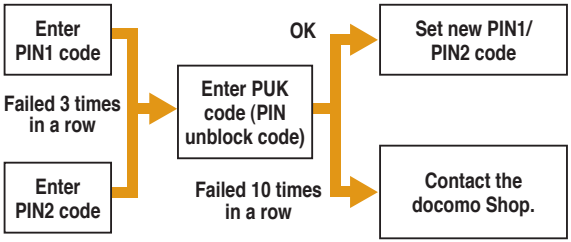
You can set PIN1 and PIN2 codes to the UIM. PIN1 code is a 4- to 8-digit number to be entered to identify the user every time UIM is inserted into the FOMA terminal or the terminal power is turned on in order to prevent unauthorized use by third party. PIN2 code is a 4- to 8-digit number used to reset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

Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Lock/Security" ▶ "PIN code" ▶ Enter the Terminal security code ▶ "Change PIN1 code"/"Change PIN2 code"

- Emergency numbers (110, 119, 118) are not available in Japan even if you press [i-α][ER. call] while the PIN1 code entry screen is displayed.

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.



Various Lock Functions

Lock function	Description
Lock all	Locks the FOMA terminal to prevent operations by others. **1 Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Lock/Security" ▶ "Lock" ▶ "Lock all" ▶ Enter the Terminal security code ▶ "Yes"/ "No"** **■ To cancel Lock all** In Stand-by, press [MENU][Unlock] or press any dial key ▶ 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. (Only when UIM is inserted) In Stand-by, press [i-αppli][Emergency] ▶ select an emergency number ▶ [●][OK].
Omakase Lock	Locks your personal data such as Phonebook and IC card functions of Osaifu-Keitai by calling DOCOMO when you lost the FOMA terminal. **Setting/Canceling Omakase Lock** **0120-524-360 Available 24 hours a day (Japanese only)** * You can set/cancel the lock from the My docomo site (Japanese only) using a PC. • For details on Omakase Lock, see "Mobile Phone User's Guide [i-mode] FOMA version".
Call/Mail lock	Disables outgoing calls, address entries with dial keys, incoming calls or display of mail messages to prevent operations of the FOMA terminal by others. **1 Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Lock/Security" ▶ "Lock" ▶ "Call/Mail lock" ▶ Enter the Terminal security code** **2 Move the cursor to "Call/Mail lock" ▶ [●][ON] ▶ Mark items to restrict** **3 [i-αppli][Done]**

Lock function	Description
Self mode	Disables all functions that require communication, such as making/ receiving calls, using i-mode, or sending/ receiving mails. **1 Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Call/VT/Dialing" ▶ "Self mode" ▶ "Yes"/"No"**
Data access lock	Specifies and lock functions to prevent unauthorized use by others. **1 Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Lock/Security" ▶ "Lock" ▶ "Data access lock" ▶ Enter the Terminal security code** **2 Move the cursor to "Data access lock" ▶ [●] [ON] ▶ Mark functions to lock** **3 [i-α] [Done]**
GPS lock	Locks GPS function. **1 Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Lock/Security" ▶ "Lock" ▶ "GPS lock" ▶ Enter the Terminal security code ▶ "Yes"/ "No"** • Even while GPS lock is set, the location request is available.

Lock function	Description
My contact lock	Locks My Contact. **1 Standy-by display ▶ [MENU] ▶ "Settings" ▶ "Lock/Security" ▶ "Lock" ▶ "My contact lock" ▶ Enter the Terminal security code ▶ "Yes"/"No"**
Display Call/ Mail logs	Hides redial call, received call, sent mail, and received mail logs. **1 Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Lock/Security" ▶ "Display Call/Mail logs" ▶ Enter the Terminal security code** **2 Move the cursor to the item to set ▶ [●] [ON/OFF]**
IC card lock	Prevents unauthorized use of IC card function by others. **1 Stand-by display ▶ [●] (for over 1 second)** **■ To cancel IC card lock** In Stand-by, press [●] (for over 1 second) ▶ enter the Terminal security code.

Incoming Call Restriction

Setting actions when anonymous calls arrive

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

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Call/VT/Dialing" ▶ "Incoming call" ▶ "Anonymous caller" ▶ Enter the Terminal security code ▶ Select/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 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Call/VT/Dialing" ▶ "Incoming call" ▶ "Accept/Reject call" ▶ Enter the Terminal security code ▶ Move the cursor to "Reject unknown" ▶ [●][ON/OFF]**

Resetting to Default

Resetting various function settings to defaults

Reset the settings you have changed in functions to defaults.

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Other" ▶ "Reset/Clear" ▶ "Reset settings" ▶ "Yes" ▶ Enter the Terminal security code**

Deleting all saved data at once

Delete saved data.

1 **Stand-by display ▶ [MENU] ▶ "Settings" ▶ "Other" ▶ "Reset/Clear" ▶ "Clear memory"**

2 **Mark items to delete ▶ [i✉][Done] ▶ "Yes" ▶ Enter the Terminal security code**

Making a Call/Videophone Call

1 Enter a phone number

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

2 [Dial]

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

■ **To make a videophone call**

Press [V. phone].

3 To end the call, [End]

Making a call from the Phonebook

1 Stand-by display ▶ [Phonebook]

2 Move the cursor to the entry to call ▶ [Dial]

■ **To make a videophone call**

Press [V. Phone].

Making a call using redial logs or received call logs

1 Stand-by display ▶ [Redial] **(Redial) or** [Recv. Calls] **(Recv. Calls)**

2 Move the cursor to the entry to call ▶ [●] **[Detail]**

3 [Dial] **or** [●] **[Call]**

■ **To make a videophone call**

Press [V. phone].

Information

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

Notifying other party of your phone number

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

1 Stand-by display ▶ [MENU] **▶ "Settings" ▶ "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.

Using international calls

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 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.

Entering a phone number to make an international call

1 Enter "010 - 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

To make an international videophone call

Press [V. phone].

Receiving a Call/Videophone Call

1 A call arrives

When a videophone call arrives

[Image]: Answer a call with the substitute image.

2

During a videophone call

[Image/Camera]: Switch the image to send between the substitute image and the camera image.

3 To end the call,

Adjusting Earpiece Volume

1 During a call, or /

When You cannot Answer a Call

Public mode is an automatic response service to assist in observing manners in public locations.

- Public mode includes following two types.
  - Drive mode
  - Power OFF

Using 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 Stand-by display ▶ [*] (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)

Press [*] (for over 1 second) while the Stand-by display appears.

Using 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 Enter "✳25251" ▶ [📞]

■ To cancel the Public mode (Power OFF)

Enter "✳25250" and press [📞].

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. A call arrives in a normal way.

1 Stand-by display ▶ [MENU] ▶ "Stationery" ▶ "Record message" ▶ "Record msg. setting"

2 Move the cursor to "Activate record msg." ▶ [●] [ON/OFF]

• Set to "ON" to select/set each item.

3 [i✉] [Done]

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

Playing Record message

1 Stand-by display ▶ [MENU] ▶ "Stationery" ▶ "Record message" ▶ "Record msg. list"

2 Move the cursor to a recorded message ▶ [●] [Play]

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 Service	Not required	Free
Caller ID Notification Service	Not required	Free
Caller ID Request Service	Not required	Free
Dual Network Service	Required	Charged
English Guidance	Not required	Free
Multi Number	Required	Charged
OFFICEED	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.
- "OFFICEED" is a fee-based service requiring a subscription. For details, visit the following DOCOMO's web site for corporations. (http://www.docomo.biz/html/product/officeed/) (Japanese only)
- For details on network services, see "Mobile Phone User's Guide [Network Services]".

Voice mail service

1 Stand-by display ▶ MENU ▶ "Settings" ▶ "NW Services" ▶ "Voice mail" ▶ Select an item

Call waiting

1 Stand-by display ▶ MENU ▶ "Settings" ▶ "NW Services" ▶ "Call waiting" ▶ Select an item

Call forwarding service

1 Stand-by display ▶ MENU ▶ "Settings" ▶ "NW Services" ▶ "Call forwarding" ▶ Select an item

Services Available for the FOMA Terminal

Available service	Phone number
Directory assistance service (Charges apply: guidance fee + call fee) (Only listed phone numbers can be provided.)	(No prefix) 104
Telegrams (Charge applies: telegram fee)	(No prefix) 115
Time check (Charges apply)	(No prefix) 117
Weather forecast (Charges apply)	City code of the desired area + 177
Emergency calls to police	(No prefix) 110
Emergency calls to fire station and ambulance	(No prefix) 119
Emergency calls for accidents at sea	(No prefix) 118
Disaster emergency message dial (Charges apply)	(No prefix) 171
Collect calls (Charges apply: guidance fee + call fee)	(No prefix) 106

Information

- When you use "Call forwarding" of a land-line phone and have specified a mobile phone as the forwarding destination, the caller may hear a ring tone even if the mobile phone is busy, out of service area, or turned off depending on the settings of the land-line phone and mobile phone.
- Even when the UIM is not inserted, emergency phone numbers (911, 999, 112, 000, and 08) can be dialed to make an emergency call overseas. However, when Self mode is set, emergency calls cannot be made.
- 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 at 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. 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. In such a case, use a public phone or land-line phone nearby.

Using Overseas

International roaming (WORLD WING) is a service that allows you to talk or make communications via international carrier's network using the same phone number as used domestically.

- Before using, check the subscription status for WORLD WING.
- This FOMA terminal can be used in 3G network and GSM/GPRS network service areas. Check available areas.
- See the following items before using the FOMA terminal overseas.
  - "Mobile Phone User's Guide [International Services]"
  - "Mobile Phone User's Guide [Network Services]"
  - DOCOMO International Services website
  - "Int'l Service Guide (Japanese only)" pre-installed on the FOMA terminal

Convenient functions and services available overseas

Function/service	Description
Roaming guidance setting	Notify the other party with a voice guidance that the terminal is in international roaming.
Roaming guide(Int.)	
Call barring	Reject incoming communications during international roaming.
Dual clock	Display two clocks of two different cities simultaneously on the Stand-by display.
Unit converter	Convert currency by setting an exchange rate.

Overseas networks

Network	Description
W-CDMA(3G)	Third generation mobile communication network compliant with the international standard 3GPP*1.
GSM*2	Digital-based second generation mobile communication network most used worldwide.
GPRS*3	2.5 generation mobile communication network that supports high-speed packet communication using GSM communication.

*1 The abbreviation of 3rd Generation Partnership Project. A regional standardization organization to establish common technical specifications for third generation mobile communication systems (IMT-2000).

*2 The abbreviation of Global System for Mobile Communications. Second generation mobile communication system in digital method most used worldwide.

*3 The abbreviation of General Packet Radio Service. Data communication such as packet communication is facilitated by speeding up GSM.

Subscribing to WORLD WING

- If you subscribed to the FOMA service after September 1, 2005, a subscription for WORLD WING is not required. However, if you canceled the subscription for WORLD WING at or after a subscription for the FOMA service, a subscription for WORLD WING is required again.
- If you subscribed to the FOMA service before August 31, 2005 and have not subscribed to WORLD WING, a subscription is required.

Services available overseas

Communication service	3G	GSM	GPRS
Voice call*1	○	○	○
Videophone*1	○	×	×
SMS	○	○	○
i-mode*2	○	×	○
i-mode mail	○	×	○
i-Channel*2*3	○	×	○
Packet communication by connecting to a PC	○	×	○

○ : Available × : Not available

*1 When you use Multi number, you cannot make a call using Additional number.

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

*3 You need to make i-Channel settings. Packet communication charges apply to receive each i-Channel (including Basic channel).

Information

- Usage fees overseas (call charges, packet communication charges) differ from domestic fees.

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

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

- To make a call to an overseas WORLD WING user, enter "81" as a country code to make an international call to Japan.

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]

■ To make a videophone call

Press [V. phone][V. phone].

Making a call to a person in the country you stay

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

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

2 [Call]

■ To make a videophone call

Press [V. phone][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 except the first "0"

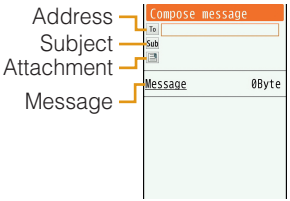
2 [Call]

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 Stand-by display ▶ [✉] ▶ "Compose message"



2 Select [To] field ▶ "Direct input" ▶ Enter an address

3 Select [Sub] field ▶ Enter a subject

4 Select [Message] field ▶ Enter a message

5 [i-αppli][Send]

Attaching and sending a file

Attach an image or melody to i-mode mail to send.

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

1 Stand-by display ▶ [✉] ▶ "Compose message"

2 Select [📄] field ▶ Select a file

3 Select [To] field ▶ "Direct input" ▶ Enter an address

4 Select [Sub] field ▶ Enter a subject

5 Select [Message] field ▶ Enter a message

6 [i-αppli][Send]

Creating and Sending Deco-mail/ Decome-Anime

Creating and 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 Stand-by display ▶ [✉] ▶ "Compose message"

2 Enter an address and subject

3 Select [Message] field ▶ [✉][Deco]

- Set the character input mode to other than the Alphabetical input mode to select [✉][Deco].

4 Use the palette to decorate a message

5 If the palette is open, [MENU][Close]

■ **To preview the Deco-mail message**

Press [MENU][Menu] ▶ "Preview".

6 [●][Set] ▶ [✉][Send]

Creating and sending Decome-Anime

Decome-Anime is a service that allows you to create decorative mail using Decome-Anime templates with Flash containing messages or images.
Create it using pre-installed templates or templates purchased from the IP (Information Provider) sites.

1 Stand-by display ▶ [✉] ▶ "Create new Decome-Anime"

2 Enter an address and subject

3 Select [Edit] field ▶ Move the cursor to a Decome-Anime template ▶ [✉][Edit]

4 Edit Decome-Anime message or change image

■ **To edit message**

Select the character entry field ▶ Edit message

■ **To change image**

Select the image insertion field ▶ "Select image" ▶ Move the cursor to a folder ▶ ● [Open] ▶ Select a file

5 [Done]

■ **To preview edited Decome-Anime**

Press [TV] [Preview].

6 [Send]

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" ▶ Select a folder

3 Select a mail to display

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 Stand-by display ▶ [✉] ▶ "Check new messages"

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 ▶ [MENU] [Menu] ▶ "Reply/Forward" ▶ "Reply"/"Reply with quote"

• When "Reply" is selected, further select a type from "i-mode mail"/"Decome-Anime".

2 Enter a subject and message

3 [Send]

Sorting mails automatically to folders

Set sorting criteria to automatically save mails to specified folders.

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

1. **Stand-by display ▶ [✉] ▶ "Mail setting" ▶ "Auto sort"**
2. **"Sort inbox"/"Sort outbox"**
3. **Select the sorting rule setting field**
4. **Select the Sorting criteria field ▶ Set the sorting criteria**
5. **Select the Folder to sort into field ▶ Select the folder for sorting mails ▶ [i-α] [Done]**

Using SMS

Creating and sending SMS

Send a message addressed to a mobile phone number.

1. **Stand-by display ▶ [✉] ▶ "Compose SMS"**
2. **Select [TO] field ▶ "Direct input" ▶ Enter a phone number**
3. **Select [✎] field ▶ Enter a message**
4. **[i-α] [Send]**

Viewing received SMS

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

1. **When SMS arrives, [SMS] appears at the top of the screen**

   When the reception completes, the Receive results screen appears.
2. **"SMS" ▶ Select a folder**
3. **Select 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 ringtone, etc.	Not available

Adding Phonebook Entries

1 **Stand-by display ▶ [Phonebook](for over 1 second) ▶ Select the "Registered memory" field ▶ "Phone"/"UIM"**

2 **Set each item**

3 **[Mail] [Done]**

Adding Phonebook entries from redial or received calls

1 **Stand-by display ▶ Redial or Recv. Calls**

2 **Move the cursor to the phone number to add ▶ [●] [Detail] ▶ [MENU] [Menu] ▶ "Add to phonebook"**

3 **"New registration"**

4 **Add the entry to Phonebook ▶ [Mail] [Done]**

Editing Phonebook Entries

1 Stand-by display ▶ [Contacts] ▶ Select the entry to edit ▶ [MENU][Menu] ▶ "Edit" ▶ Edit each item

2 After editing, [i-αppli][Done] ▶ "Yes"

Deleting Phonebook Entries

1 Stand-by display ▶ [Contacts] ▶ Select the entry to delete ▶ [MENU][Menu] ▶ "Delete"

2 "Yes"

Checking Phonebook Storage Status

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

1 Stand-by display ▶ [MENU] ▶ "Phonebook" ▶ "No. of phonebook"

Viewing Call/Mail History

1 Stand-by display ▶ [MENU] ▶ "Phonebook" ▶ "Call/Mail history" ▶ Select the log to view

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 (web pages) 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 Stand-by display 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.

Connecting i-mode Site

1 Stand-by display ▶ [i] ▶ "English"

Displaying Web Pages Designed for PC

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".

1 Stand-by display ▶ [MENU] ▶ "i-mode" ▶ "Full Browser Home"

Switching i-mode to Full Browser

While viewing Internet web pages by i-mode, you can switch to Full browser.

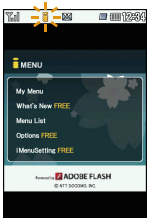
- Note that the billing system for i-mode and Full browser is different and you are charged a high communication fee for massive data communication such as browsing web pages containing many images or downloading data files. For details on packet communication and billing plan, see "Mobile Phone User's Guide [i-mode] FOMA version".

1 While viewing a web page in i-mode ▶ [MENU] [MENU] ▶ "Full Browser" ▶ "Switch to Full Browser"

Viewing and Operating Sites

Selecting a site to display

1 While viewing a site ▶ Select an item (link)



● Key operations while viewing a site

Operation	Description
[Back]	Return to previous page
[Next]	Go to next page
▶ "Yes"	Exit i-mode

Saving as bookmarks

Save frequently accessed sites or Internet web pages as bookmarks to display your favorite pages quickly.

1 While viewing a site/web page ▶ [MENU] ▶ "Bookmark" ▶ "Add"

2 Edit a title or URL ▶ "OK" ▶ Select a destination folder

Displaying homepages or sites from bookmarks

1 Stand-by display ▶ [MENU] ▶ "i-mode" ▶ "Bookmark"

2 Select a folder ▶ Select a bookmark

Saving Screen memos

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

1 While viewing a site/web page ▶ [MENU] ▶ "Screen Memo" ▶ "Add" ▶ "Yes"

Displaying Screen memos

1 Stand-by display ▶ [MENU] ▶ "i-mode" ▶ "Screen Memo" ▶ Select a Screen memo

i-Channel

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 Stand-by display. Pressing CLR displays the latest information in the channel list.

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

i-Channel has two types of channels: "Basic channel" provided by DOCOMO and "Favorite channel" provided by IP (Information Provider). For "Basic channel", no packet communication charges apply for automatically updating information. For "Favorite 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 "Favorite channel". When you use the international roaming service, packet communication charges apply for both automatically updating information and browsing detailed information.

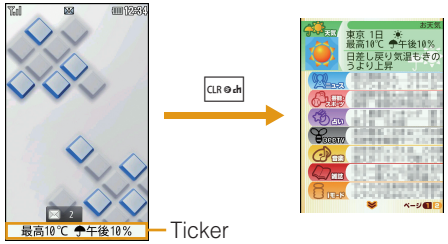
- For details on i-Channel, see "Mobile Phone User's Guide [i-mode] FOMA version".
- The i-Channel service is provided in Japanese only.

Displaying i-Channel

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

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

1 Stand-by display ▶ CLR



2 Select a channel item

The FOMA terminal connects to the site and detailed information is displayed.

GPS

- Note that DOCOMO assumes no responsibility for the pure economic loss caused by loss of opportunity such as positioning (communicating) result check due to failure, malfunction, error of the FOMA terminal, or external factors such as power failure (including battery exhaustion).
- FOMA terminal cannot be used as a navigation device for aircraft, vehicles, persons, etc. Therefore, DOCOMO assumes no responsibility for any loss or damage resulting from use of location information for navigation.
- FOMA terminal cannot be used as high-precision location surveying GPS. DOCOMO assumes no responsibility for any loss or damage resulting from positioning error.
- GPS is managed by the U.S. Department of Defense. Therefore, GPS wave conditions may be controlled (accuracy degradation or wave abort) for the U.S. security reasons.
- When using location request or location notification, check the information by GPS service provider or on the DOCOMO website, etc. These functions may be charged.
- GPS function is not available when the FOMA terminal is out of service area (or overseas).

Checking Your Location

Check your location by positioning the current location, and display your location on a map or send the location information by e-mail.

- Packet communication charge is free when checking the current location. However, when you display a map using the location information, packet communication charge applies.

1 Stand-by display ▶ MENU ▶ "LifeKit" ▶ "GPS" ▶ "Position location"

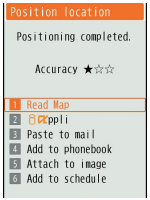
- Alternatively, press 1 for over 1 second in Stand-by. (By default, after positioning the current location, a map is displayed.)

★★★ : Almost accurate location information (Error: less than approx. 50m)

★★☆ : Relatively accurate location information (Error: less than approx. 300m)

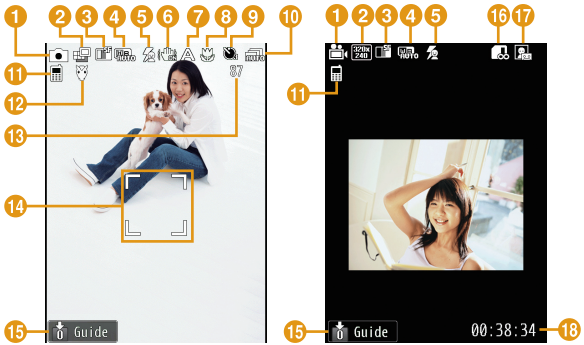
★☆☆ : Rough location information (Error: 300m or more)

- Accuracy level is rough indication. It may vary depending on the surrounding radio wave condition.



2 Select a usage

Viewing and Operating Shooting Screen



Still image shooting screen　Moving picture shooting screen

Key operations on shooting screens

Operation	Description
● [Take]/[Rec.]	Shutter/Start recording
◀▶, ▲/▼	Zoom
✳	Adjust brightness
TV [Light]	Set lighting condition
1, ✉ [Mode]	Change Camera mode
MENU [Menu]	Display setting menu
CLR, ⌐	Exit Photo-mode/Movie-mode

Marks (icons) displayed on shooting screens

1. **Mode**
   ● Photo-mode　Movie-mode
2. **Image size**
3. **Image quality**
   SF Super fine　F Fine　N Normal
4. **White balance**
   AUTO Auto　Sunny　Cloudy
   Incandescent　Fluorescent
5. **Light**
6. **Shake reduction**
7. **Scene mode**
   Auto　Night　Portrait
   Landscape　Sports　Sunset
8. **Macro**
9. **Auto timer**
   3 3sec　10 10sec　15 15sec
10. **Continuous mode**
    AUTO Auto　M Manual
11. **Memory in use**
    Handset memory　External memory (microSD card)
12. **Funny face shot**
13. **Number of available shot**
14. **Focus frame**
    The frame color changes to indicate status when auto focus is in operation.
15. **Guide for key operations**
16. **Size restriction**
17. **Type**
    Video+Sound　Movie only　Sound only
18. **Total recordable time**

Shooting Still Images/Moving Pictures

Shooting still images

1 **Stand-by display ▶ [TV]**

2 **Point the camera to a subject ▶ [●][Take]**

3 **[●][Save]**

Shooting moving pictures

1 **Stand-by display ▶ [TV] ▶ [i-mode][Mode] ▶ "Movie-mode"**

2 **Point the camera to a subject ▶ [●][Rec.]**
The tone sounds and recording a moving picture starts.

3 **[●][Stop]**
The tone sounds and the photo light turns off.

4 **[●][Save]**

Viewing Still Images/Moving Pictures after Shooting

Viewing still images

1 **Stand-by display ▶ [MENU] ▶ "Data box" ▶ "My picture" ▶ Move the cursor to "Camera" ▶ [●][Open]**

2 **Move the cursor to a file ▶ [●][View]**

Information
- To set the still image you shot to the Stand-by display, display the still image to set and press [MENU][Menu] ▶ "Set as" ▶ "Stand-by display".

View moving pictures

1 **Stand-by display ▶ [MENU] ▶ "Data box" ▶ "i-motion/Movie" ▶ Move the cursor to "Camera" ▶ [●][Open]**

2 **Move the cursor to a file ▶ [●][Play]**

Information
- To set the moving picture you recorded to the Stand-by display, play the moving picture to set and press [MENU][Menu] ▶ "Set as display" ▶ "Stand-by display".

Using 1Seg

1Seg is a service provided by TV broadcasters (broadcasting stations). No communication charges apply for receiving video and audio. For viewing fee for NHK, contact NHK.

- Packet communication charges apply for browsing "Data broadcasting site" and "i-mode site". Some sites (fee-based i-mode sites) require an information fee for use.
- For details on "1Seg" service, visit websites below.
  The Association for Promotion of Digital Broadcasting
  PC: http://www.dpa.or.jp/english/
  i-mode: http://www.dpa.or.jp/1seg/k/ (Japanese only)
  * 1Seg is not available overseas.

Signal

1Seg is one of the broadcasting services, and receives a signal (broadcast wave) different from the FOMA service.

1Seg may not work properly in the following places.

- Place that is far from the tower which sends the broadcast wave
- Mountain areas or behind a building
- In a tunnel, underground, or recess of a building

* The signal condition may be improved by moving the FOMA terminal away from or close to you, or by moving yourself to another place.

Battery level

If you try to use 1Seg when the battery level is low, the Low battery alert tone sounds and a confirmation screen appears asking whether to activate 1Seg. Also, when the battery level becomes low while watching a 1Seg program, the Low battery alert tone sounds.

Messages on the screen when you use 1Seg for the first time

When you use 1Seg for the first time after purchase, a confirmation screen of escape clause appears. Read each clause and press ● [OK]. After this, a confirmation screen does not appear.

Watching 1Seg

Setting channels

To watch 1Seg, make Channel settings and save a channel list beforehand.

Example: If no channel list is saved

● Selecting an area to set channels

1. **Stand-by display ▶ MENU ▶ "1Seg" ▶ "Channel setting"**
2. **"Select area" ▶ Select an area ▶ Select a prefecture**
3. **● [Select] ▶ "Yes"**

Setting channels automatically

1 **Stand-by display ▶ [MENU] ▶ "1Seg" ▶ "Channel setting"**

2 **"Auto channel set" ▶ "Yes" ▶ [●][Save] ▶ "Yes"**

Information
- Perform "Auto channel set" within the service area for digital terrestrial broadcasting.

Activating 1Seg

1 **Stand-by display ▶ [TV](for over 1 second)**

Viewing and Operating 1Seg Watching Screen



Key operations on 1Seg watching screen

Operation	Description
[◀▶], [▲]/[▼]	Adjust volume
[▼](for over 1 second)	Mute
[0]–[9], Dial keys, [*], [#]	Select a channel
[✉][EPG]	Display program list
[⌐] ▶ "Yes"	Exit 1Seg

Setting timer for watching 1Seg program

1 **Stand-by display ▶ [MENU] ▶ "1Seg" ▶ "TV timer list"**

2 **[iα][New] ▶ Set/select each item**

3 **[iα][Done]**

Music&Video Channel

- 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/Playing Programs

Setting programs

1 Stand-by display ▶ MENU ▶ "MUSIC" ▶ "Music&Video Ch"

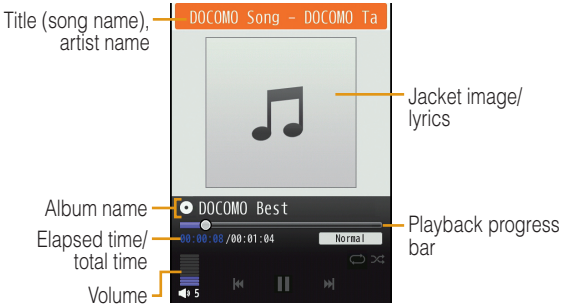
2 "Set program"

3 Follow on-screen instructions to set programs

Playing programs

1 Stand-by display ▶ MENU ▶ "MUSIC" ▶ "Music&Video Ch" ▶ Select a program

Viewing and Operating Music Player Screen



Key operations on Music player screen

Operation	Description
● [Pause/Play]	Pause/play
✉, ▲/▼	Adjust volume
✉	Find beginning of the song or play previous song/next song
✉ (Hold down)	Rewind/fast forward while holding down
8	Show/hide jacket image/lyrics
⌐	Exit MUSIC player

Downloading Music Data from Sites

1 **Display a site that contains Chaku-Uta Full® songs ▶ Select a Chaku-Uta Full® song to download**

2 **"Save" ▶ Select save location**

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.

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

Playing Music Data

Example: To play music in "All songs"

1 **Stand-by display ▶ MENU ▶ "MUSIC" ▶ "Music player"**

2 **"All songs"**

3 **Move the cursor to music data ▶ ● [Play]**

"i-αppli" is 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 software ▶ "Yes"

2 Download completes ▶ "Yes"

The downloaded software starts.

Starting i-αppli

1 Stand-by display ▶ [i-αppli] (for over 1 second)

2 Select software

■ To exit i-αppli

Press [Cancel] ▶ "Yes".

Deleting i-αppli

1 Stand-by display ▶ [i-αppli] (for over 1 second) ▶ Move the cursor to software ▶ [MENU] [Menu] ▶ "Delete" ▶ "This item" ▶ "Yes"

Information

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

  Stand-by display ▶ [i-αppli] ▶ "メニューリスト (Menu List)" ▶ "ケータイ電話メーカー (Mobile Phone Manufacturers)" ▶ "WOW LG"

  * Packet communication charge applies for downloading.

i-motion/Movie

i-motion is a moving picture data with video and sound. Download i-motion from i-motion sites, play it, and save it to set as the Stand-by display 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/Movie from sites

1 While viewing a site ▶ Select i-motion

2 After playback or downloading, "Save" ▶ Select save location

Playing Moving Pictures/i-motion

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

1 Stand-by display ▶ MENU ▶ "Data box" ▶ "i-motion/Movie"

2 Move the cursor to a folder ▶ ● [Open]

3 Move the cursor to a file ▶ ● [Play]

- 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). Press CLR to play in vertical screen.



i-motion playback screen

Key operations on i-motion playback screen

Operation	Description
● [Pause/Play]	Pause/play
[Stop]	Stop
	Play previous file/next file
(Hold down)	Rewind video/sound while holding down
(Hold down)	Fast forward video/sound while holding down
▲/▼,	Adjust volume

Osaifu-Keitai

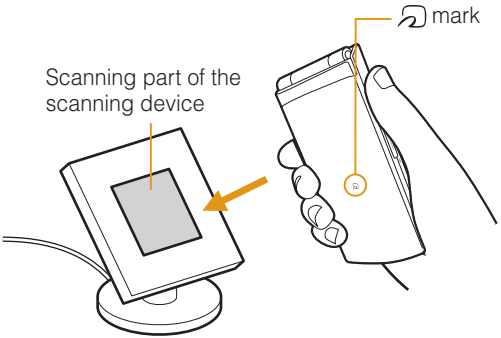
Osaifu-Keitai is equipped with the IC card and enables you to pay by holding the FOMA terminal on the scanning device at shops, etc.
In addition, you can deposit electronic money and check your balance or view usage history using communication. In order to use safely, security is fully secure.
For details on Osaifu-Keitai, see "Mobile Phone User's Guide [i-mode] FOMA version".

- To use Osaifu-Keitai compatible services, you need to download Osaifu-Keitai compatible i-αppli from Osaifu-Keitai compatible sites and make settings.
- Data (including electronic money, points, etc.) saved in the IC card may be lost or altered due to the FOMA terminal malfunction. (Note that you are asked to delete data if you leave the FOMA terminal for repairs, etc.) For services such as reissue, restoration, temporary storage, or transfer of data except for the transfer by iC transfer service, contact the provider of Osaifu-Keitai compatible service. Make sure to use a service that provides a backup service for important data.
- DOCOMO shall not be liable for any loss or alteration of data saved in the IC card, or damage related to Osaifu-Keitai service caused by any reason such as malfunction or model change.
- If the FOMA terminal is stolen or lost, immediately contact your provider of Osaifu-Keitai compatible service about handling the trouble.
- Even when you are calling, connecting the FOMA terminal to i-mode, the power is turned off, or battery level becomes lower, you can use the Osaifu-Keitai function by holding mark on the scanning device (Osaifu-Keitai compatible i-αppli cannot be activated).

Using Osaifu-Keitai

Hold mark of the FOMA terminal on the scanning device to use as electronic money for payment or traffic ticket. This function can be used without starting software.

- Hold mark on the center of the scanning part.



Using Schedule

1 **Stand-by display ▶ [ ] ▶ Move the cursor to date to save to Schedule ▶ [ ][New] ▶ "General"***

* If 1Seg channel setting is not made, the operation to select "General" is not required.

2 **Set each item ▶ [ ][Done]**

Using Alarm

1 **Stand-by display ▶ [MENU] ▶ "Stationery" ▶ "Alarm"**

2 **Move the cursor to an alarm to edit ▶ [●][Edit]**

3 **Set each item ▶ [ ][Done]**

Using Bar Code Reader

Scan information embedded in JAN code or QR code using the Outer camera.

• When scanning a bar code, keep the Outer camera 10cm away from a bar code.

1 **Stand-by display ▶ [MENU] ▶ "LifeKit" ▶ "Bar code reader"**

2 **Display the code to scan on the screen ▶ [●][Scan]**

After focus is adjusted automatically, the code is scanned. After scanning completes, the tone sounds and the scanned data is displayed.

• While the Manner mode is set, the tone does not sound.

3 **Use scanned data**

• The display or operation differs depending on the types of scanned data.

Color Therapy

Light up the illumination of the FOMA terminal and gain healing effect by color and melody.

• It is recommended to use this function while charging.

1 **Stand-by display ▶ [MENU] ▶ "LifeKit" ▶ "Color therapy" ▶ Move the cursor to an item**

2 **[ ][Settings] ▶ Set each item**

3 **[ ][Done] ▶ [●][Select]**

Using microSD Card

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

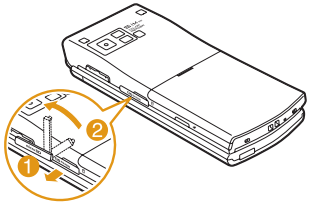
- L-01B supports a microSD card of up to 2GB and a microSDHC card of up to 8GB (commercially available) (as of February, 2010).
  For the latest information on operation check including manufacturer and capacity of microSD card, visit the following sites (Japanese only). microSD cards not listed on the site may not function.
  - From i-mode: "iMenu" ▶ "メニューリスト" ▶ "ケータイ電話メーカー" ▶ "WOW LG"
  - From a PC: http://jp.lgmobile.com/

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

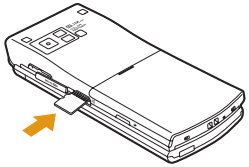
Inserting a microSD card

Before inserting a microSD card, make sure to turn the power off.

1 Open the microSD card slot cover (1) and rotate it in the direction 2



2 Slowly insert a microSD card with the metal contacts side up until it clicks



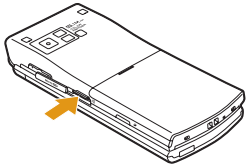
3 Close the microSD card slot cover

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 or the card slot may result or the card may not be pulled out.
- A microSD card cannot be used if inserted incorrectly.

Removing a microSD card

1 Follow Step 1 in "Inserting a microSD card" to open the cover and push the microSD card softly in the direction of the arrow



Push the microSD card in until it clicks.
The microSD card pops out slightly.

2 Pull the microSD card straight out

After removing, close the microSD card slot cover.

Resetting a microSD card

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

1 Stand-by display ▶ MENU ▶ "LifeKit" ▶ "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 Stand-by display ▶ MENU ▶ "Data box" ▶ "My picture"/"Music"/"i-motion/Movie"/"Melody"

2 Move the cursor to "microSD" ▶ ● [Open]

- If you select "Music" in Step 1, "Movablecontents" 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 camera image saved on the FOMA terminal to a microSD card

1 Stand-by display ▶ MENU ▶ "Data box" ▶ "My picture"

2 Move the cursor to a folder ▶ ● [Open]

- Select a folder other than "microSD".

3 Move the cursor to a file ▶ MENU [Menu] ▶ "Move" ▶ "One"

4 "External memory"

5 Move the cursor to a destination folder ▶ ● [Open] ▶ ● [Select]

Backing up data

Back up data on the FOMA terminal to a microSD card.
Personal information includes the following items.

- Phonebook
- Schedule
- Text memo
- To do list
- Inbox
- Outbox
- Unsent message
- Bookmark

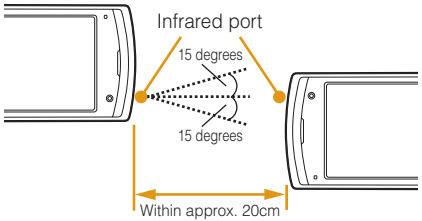
1 Stand-by display ▶ MENU ▶ "LifeKit" ▶ "microSD" ▶ "PIM"

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

3 Enter the Terminal security code ▶ "Yes"

Performing Infrared Communication

- Use infrared devices within a distance of approximately 20cm.
- Do not move the FOMA terminal until data exchange completes.
- If you hold the FOMA terminal in your hand when performing infrared communication, be sure to hold it securely so that it is not shaken.



Sending/Receiving Data by Infrared Communication

- Set the receiving device to the infrared receiving mode before sending data.

Sending a piece of data

Example: To send a Phonebook entry

1 Stand-by display ▶ ▶ Move the cursor to the entry to send ▶ MENU [Menu] ▶ "Send via Ir" ▶ "Send" ▶ "Yes"

Receiving a piece of data

1 Stand-by display ▶ MENU ▶ "LifeKit" ▶ "Receive Ir data" ▶ "Receive" ▶ "Yes"

2 Perform infrared transmission operations on the sending device

Infrared communication starts.

3 "Yes"

Sending all data

Example: To send all Phonebook entries

1 Stand-by display ▶ ▶ MENU [Menu] ▶ "Send via Ir" ▶ "all in phone"

2 Enter the Terminal security code ▶ Enter an authentication password ▶ "Yes"

Infrared communication starts.

Receiving all data

Receiving all data overwrites data on the FOMA terminal and deletes all saved data including protected mails. Make sure that important data is not saved before exchanging all data.

1 Stand-by display ▶ MENU ▶ "LifeKit" ▶ "Receive Ir data" ▶ "Receive all" ▶ "Yes"

2 Enter the Terminal security code ▶ Enter an authentication password

3 Perform infrared transmission operations on the sending device

Infrared communication starts.

4 "Yes"

Information

- Infrared communication with infrared devices other than L-01B may result in data not being received or displayed correctly on the receiving device.

Troubleshooting

- First, check whether the software update is required. If required, update the software. (Updating Software→P75)
- 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.

Symptom	Check
Power does not turn ON	• Is the battery pack inserted correctly? • Is the battery pack charged?
Cannot charge (Illumination does not light 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, is the AC adapter connector connected to the FOMA terminal or desktop holder (optional) correctly? • If the desktop holder is used, are the charging terminals of the FOMA terminal clean? If dirty, clean with a dry cloth or cotton swab. • The FOMA terminal may become hot and the illumination may blink. In this case, charge again after the FOMA terminal cools down.

Symptom	Check
Becomes hot during operations or charging	• The FOMA terminal, battery pack, or adapters may become hot during operations or charging, or when using i-αppli, videophone, or 1Seg 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.
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 a dry cloth or cotton swab.

Symptom	Check
Keys do not respond	• Is Lock all set?
UIM is not recognized	• Is the UIM installed in the right direction?
Calls cannot be made with dial keys	• Is Dialing call lock set? • Is Lock all set? • Is Self mode set?
Cannot talk ("圏外" 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.

Symptom	Check
Cannot use Osaifu-Keitai	• While removing the battery pack or setting Omakase Lock, IC card functions become unavailable regardless of IC card lock settings. • Is the IC card lock set? • Is mark on the FOMA terminal held over a scanning device?

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 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.

- To access "iﾓｰﾄﾞ故障診断サイト (i-mode fault diagnosis site)" (Japanese only)
  i-mode site: iMenu ▶ お知らせ (Information) ▶ サービス･機能 (Service/Function) ▶ iﾓｰﾄﾞ (i-mode) ▶ iﾓｰﾄﾞ故障診断 (i-mode fault diagnosis)

QR code for accessing the site

- No packet communication charges apply for i-mode fault diagnosis.

* Charges apply when accessing from overseas.

Updating Software

Update the FOMA terminal software by packet communication when it is necessary.

* Packet communication charges do not apply.

For information on updating software, check the DOCOMO website and "お客様サポート (user support) in iMenu (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

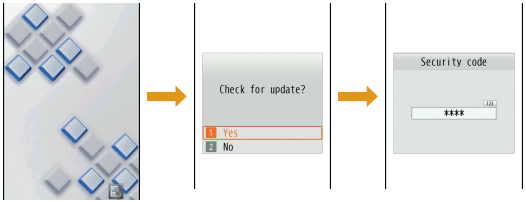
- Do not remove the battery pack while updating software. Failure of updating software may result.
- Fully charge the battery pack before updating software.
- Software update (downloading or rewriting) may take time.
- You cannot make or receive calls, use communication functions or other functions while 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.
- Software update is unavailable overseas.

How to update software

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

1 To select (update notice icon)

Stand-by display ▶ ● ▶ Use to move the cursor to (update notice icon) ▶ ● ▶ "Yes" ▶ Enter the Terminal security code

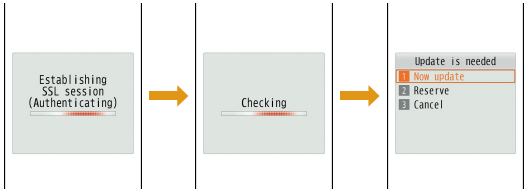


To perform from the menu screen

Stand-by display ▶ MENU ▶ "Settings" ▶ "Other" ▶ "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.



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 Stand-by display ▶ MENU ▶ "Settings" ▶ "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.

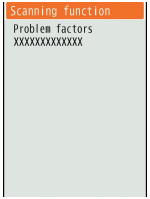
2 ● [OK]

Displaying scanned result

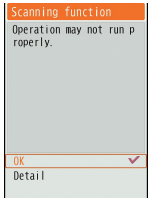
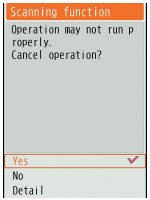
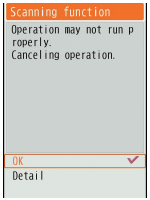
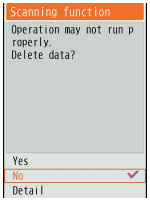
Displaying scanned problem factors

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 and 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 L06
- Back Cover L15
- Desktop Holder L05
- Flat-plug Earphone/Microphone with Switch P01/P02
- Earphone Plug Adapter P001
- Earphone/Microphone with Switch P001*1/P002*1
- FOMA Dry Battery Adapter 01
- Bone conduction microphone/receiver
- FOMA Indoor Booster Antenna*2
- FOMA Portable Charging Adapter 01
- Carry Case L 01
- FOMA USB Cable with Charge Function 01*3/02*3
- FOMA Indoor Booster Antenna (Stand Type)*2
- FOMA USB Cable*3
- FOMA AC Adapter 01*4/02*4
- FOMA AC Adapter 01 for Global use*4
- Flat-plug Stereo Earphone Set P01
- Stereo Earphone Set P001*1
- FOMA DC Adapter 01/02
- Earphone Plug Adapter 01 for External connector terminal
- Earphone/Microphone 01
- Earphone Plug Adapter 01
- Stereo Earphone Set 01
- In-Car Holder 01

*1 Earphone Plug Adapter P001 is necessary to connect to L-01B.
*2 For domestic use only.
*3 May not work properly if USB HUB is used.
*4 Charging using the AC adapter→P19

Menu List

Items indicated by ■ return to the default when executing "Reset settings".→P37

Mail

Inbox	Inbox
	MessageR
	MessageF
Outbox	Outbox
Unsent message	
Compose message	
Create new Decome -Anime	
Compose SMS	
Template	Deco-mail
	Decome-Anime
Check new messages	
Check new SMS	
Receive option	
Mail setting	Communication
	Display
	Mail group
	Auto sort
	SMS setting
	Phone information use setting
	Edit
	Other

i-mode

iMenu/Search	
Bookmark	
Screen Memo	
Last URL	
Enter URL	Input Address
	URL enter history
i-Channel	i-Channel list
	i-Channel setting
	Reset i-Channel

i-mode setting	i-mode Browser Settings
	Full Browser Settings
	Common Settings
	Confirm i-mode setting
	Reset i-mode setting
Internet search	
Full Browser Home	

i-αppli

Software list	
i-αppli info	Security error history
	Auto start info
	Trace info
	Standby error info
i-αppli settings	Display SW info
	Auto start set
	End stand-by display

Phonebook

Add to phonebook	
Search phonebook	
No. of phonebook	
Phonebook settings	Default mode
	Create domain list
	Accept/Reject list
Group settings	
Call/Mail history	Received calls
	Redial
	Received mails
	Sent mails
Call duration	
Call costs	Check call costs
	Set call cost limit
	Delete call cost icon

Data box

My picture	i-mode
	Camera
	Decomail picture
	Decomail picto.
	Preinstalled
	Frame
	Data transfer
	Slide show
	microSD
	Search by i-mode
Music	Playlists
	i-mode
	Movablecontents
	Resume play
	Transferred from PC
	SD-Audio
	Search by i-mode
Music&Video Ch	Distributed program
i-motion/Movie	i-mode
	Camera
	Preinstalled
	Playlists
	Data transfer
	microSD
	Search by i-mode
Melody	i-mode
	Preinstalled
	Data transfer
	microSD
	Search by i-mode
Kisekae Tool	i-mode
	Preinstalled
	Search by i-mode
Other	

MUSIC

MUSIC player	All songs
	Playlists
	Artist
	Genre
	Album
	Resume play*
Music&Video Ch	Program 1
	Program 2
	Set program
	Program list
	About this service

* "Now playing" is displayed during music playback. Select this to display the Player screen for currently played music.

LifeKit

Bar code reader	
Receive Ir data	Receive
	Receive all
microSD	PIM
	Data update
	Memory info.
	Reset microSD card
Camera	Photo-mode
	Movie-mode
	Bar code reader
Document viewer	
Muvee Studio	
Oekaki photo	
Check FOMA HIGH-SPEED area	
Data security service	Connect to Data Storage Center
	Exchanging history
	sndg img in Phonebook
GPS	Position location
	Notify of location
	Location history
	i-αppli
	GPS settings
Color reader	Color reader
	Color list
	LED lighting
Color therapy	

Stationery

Schedule	
Alarm	
Text memo	
Record message	Record msg. setting
	Record msg. list
To do list	
Remembering dates	
Dictionary	
Game	
World time	
Stopwatch	
Calculator	
Unit converter	

1Seg

Activate 1Seg
Program guide
TV timer list
TVlink
Channel setting
1Seg settings

Settings

Sounds&Vibration	Select ring tone
	Select effect tone
	Touch settings
	Volume
	Vibrator
	Manner mode set
	Mail ring duration
	Set mute ring(sec.)
	Headset usage setting
Display	Stand-by display
	Kisekae Tool
	Color theme
	Call & Mail image
	Touch Board setting
	Wake-up display
	Quick dial
	Illumination
	LED matrix
	Backlight

Call/VT/Dialing	Incoming call
	Videophone
	Call function
	Self mode
	Prefix dial
	Sub-address setting
	Headset sw.
Lock/Security	Lock
	Secret mode
	Display Call/Mail logs
	Change security code
	PIN code
	Scanning function

NW Services	Voice mail
	Call waiting
	Call forwarding
	Chaku-moji
	Nuisance call blocking
	Caller ID notification
	Caller ID request
	Set in-call arrival act
	Arrival call act
	Other
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 (Select language)	

Other	Character input
	Memory status
	Power saver mode
	Reset/Clear
	Software Update
	USB mode setting
	Battery level
	Calibration

Own Number

Own Number

Osaifu-Keitai

IC card content
DCMX
IC card lock set
Search by i-mode

Main Specifications

Phone

Model name			L-01B
Dimensions (H X W X D)			Approx. 110mm X Approx. 50mm X Approx. 15.1mm (Max. thickness: Approx. 18.7mm)
Weight			Approx. 130g (with battery pack installed)
Continuous stand-by time	FOMA/ 3G	3G/ GSM setting: 3G	Moving: Approx. 330 hours
		3G/ GSM setting: AUTO	Stationary: Approx. 400 hours Moving: Approx. 250 hours
	GSM	3G/ GSM setting: AUTO	Stationary: Approx. 220 hours
Continuous call time	FOMA/3G		Voice call: Approx. 210 minutes Videophone: Approx. 90 minutes
	GSM		Voice call: Approx. 180 minutes
1Seg watching time			When Power saver mode is ON: Approx. 170 minutes When Power saver mode is OFF: Approx. 150 minutes

Charging time		AC adapter: Approx. 220 minutes DC adapter: Approx. 220 minutes
LCD	Type	Display: TFT 262,144 colors Touch Board: TFT 65,536 colors External LED: 1 color
	Size	Display: Approx. 3.0 inches Touch Board: Approx. 1.6 inches External LED: Approx. 1.0 inch
	Pixels	Display: 384,000 pixels (480 dots X 800 dots) Touch Board: 44,800 pixels (320 dots X 140 dots) External LED: 17 dots X 5 dots
Image pickup device	Type	Inner camera: CMOS Outer camera: CMOS
	Size	Inner camera: 1/11.0 inches Outer camera: 1/3.2 inches
	Effective pixels	Inner camera: Approx. 300 Kilo pixels Outer camera: Approx. 5.1 Mega pixels

Camera	Recorded pixels (maximum)	Inner camera: Approx. 300 Kilo pixels Outer camera: Approx. 5.0 Mega pixels
	Zoom (Digital)	Inner camera: None (For still image) Up to approx. 1.7 times (For moving picture) Outer camera: Up to approx. 2.0 times (For still image) Up to approx. 1.3 times (For moving picture)
Storage	Number of recordable still images	Default: Approx. 80[*1] When pre-installed deletable data is deleted: Approx. 1,900[*1]
	Continuous shooting	6
	Still image file format	JPEG
	Moving picture recording time	Approx. 60 minutes[*2]
	Moving picture file format	MP4

Music playback	Continuous playback time	SD-Audio (Supports background playback): Approx. 500 minutes[*3] Chaku-Uta Full® (Supports background playback): Approx. 600 minutes[*3] i-motion[*4]: Approx. 180 minutes[*3] WMA file (Supports background playback): Approx. 550 minutes MP3 file (Supports background playback): Approx. 500 minutes Music&Video Channel: Music: Approx. 600 minutes (Supports background playback) Video: Approx. 180 minutes
Capacity	Chaku-Uta®/ Chaku-Uta Full®	Default: Approx. 94MB[*5] When pre-installed deletable data is deleted: Approx. 102MB[*5]

*1 Select size: QCIF (176 X 144) Image quality: Normal
File size: 10K

*2 Maximum recording time per moving picture saved under following conditions:
Select size: Sub-QCIF Size restriction: No restriction
Video quality: Normal Type: Video+Sound

*3 File format: AAC

*4 Sound only i-motion

*5 Shared with Music&Video Channel

Battery pack

Model name	Battery Pack L06
Battery type	Lithium ion battery
Nominal voltage	3.7V
Nominal capacity	900mAh

Maximum number of savable items on the FOMA terminal

Type		Max. number of savable items
Phonebook		1,000*1
Schedule	Schedule	200
	Holiday	100*2
Mail*3	Inbox*4	1,000
	Outbox/Unsent message	500
Bookmark*5		200*6
Screen memo*5		50
i-αppli		100*7
Data box	Image*8	2,000*7
	Moving picture/i-motion	2,000*7
	Melody	2,000*7
	Kisekae Tool	2,000*7

*1 Up to 50 entries can be saved on the UIM.

*2 Includes holidays set by default.

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

*4 Includes "♪ Welcome Mail ♪" and "デコメをプレゼント" saved in "Inbox" folder.

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

*6 Includes pre-installed "季節のデコメをプレゼント".

*7 Includes pre-installed data.

*8 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

Mobile phone L-01B meets the MIC's* technical regulation for exposure of radio waves. This technical regulation has been established based on scientific studies so that radio waves emitted from radio devices such as mobile phones used near a human head give no bad influence to the human health. It defines that Specific Absorption Rate (SAR), representing the average amount of energy of radio waves absorbed to a temporal part of human body, should not exceed a permissible value of 2W/kg**. This permissible value includes a substantial safety margin designed to assure the safety of users, regardless of the age, body size and other conditions of individuals and is equal to the international guideline recommended by ICNIRP*** which has cooperative relationships with World Health Organization (WHO).

All mobile phones should be confirmed to comply with the governmental regulation according to Radio Law before they are released. The SAR value of L-01B is 0.675W/kg. This value has been acquired by Telecom Engineering Center (TELEC) and is the maximum value of those measured under the maximum transmission power of the mobile phone in the procedure defined by the government. Though there may be some differences in SAR value among individual products, they all meet the technical regulation. In addition, mobile phones are designed to have the lowest transmission power required for communication with base stations; therefore, the SAR value during actual phone operation becomes smaller. SAR value of this mobile phone meets the regulations of individual countries where it is available.

For further information about SAR, visit the following websites:

World Health Organization (WHO)
: http://www.who.int/peh-emf/en/

ICNIRP
: http://www.icnirp.de/

MIC
: http://www.tele.soumu.go.jp/e/sys/ele/index.htm

TELEC
: http://www.telec.or.jp/ENG/Index_e.htm

NTT DOCOMO
: http://www.nttdocomo.co.jp/english/product/sar/

LG Mobile
: http://jp.lgmobile.com/

* Ministry of Internal Affairs and Communications

** The technical regulation is defined in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

*** International Commission on Non-Ionizing Radiation Protection

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 0.504W/kg, and when worn on the body, is 1.24W/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 BEJL01B.
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 2.5 cm from the body.

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

Declaration of Conformity

The product “L-01B” 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 0.573W/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.

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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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Refrain from taking portraits of other people and uploading such portraits to websites using this product without their consent, as this violates portrait rights.

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- This manual abbreviates operating systems (Japanese version) as follows:
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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 **iMenu▶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 individuals 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

モバイル・リサイクル・ネットワーク

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 9:00 p.m.)

0120-005-250 (toll free)

* Service available in: English, Portuguese, Chinese, Spanish, Korean.
* Available from mobile phones and PHSs. (including non-DOCOMO phones.)
* Unavailable from part of IP phones.

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

■From DOCOMO mobile phones
(In Japanese only)

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

* Unavailable from land-line phones, etc.

■From land-line phones
(In Japanese only)

0120-800-000 (toll free)

* Available from mobile phones and PHSs. (including non-DOCOMO phones.)
* Unavailable from part of IP phones.

Repairs

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

■From DOCOMO mobile phones
(In Japanese only)

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

* Unavailable from land-line phones, etc.

■From land-line phones
(In Japanese only)

0120-800-000 (toll free)

* Available from mobile phones and PHSs. (including non-DOCOMO phones.)
* 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 **-81-3-5366-3114*** (toll free)

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

※ If you use L-01B, you should dial the number +81-3-5366-3114 (to enter '+', press and hold the '0' key for at least one second).

■From land-line phones <Universal number>

Universal number international prefix **-800-0120-0151***

* 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 international prefix numbers for the universal number, visit the DOCOMO International Services website.

Failures encountered overseas <Network Support and Operation Center>

(available 24 hours a day)

■From DOCOMO mobile phones

International call access code for the country you stay **-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-01B, you should dial the number +81-3-6718-1414 (to enter '+', press and hold the '0' key for at least one second).

■From land-line phones <Universal number>

Universal number international prefix **-800-5931-8600***

* 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 international prefix numbers for the universal number, visit the DOCOMO International Services website.

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

Li-ion00

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

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.

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

2010.2 (1.1 Edition)
MMBB0360008

L-01B 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-01B as well as how to install "L-01B 通信設定ファイル(ドライバ)(L-01B 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

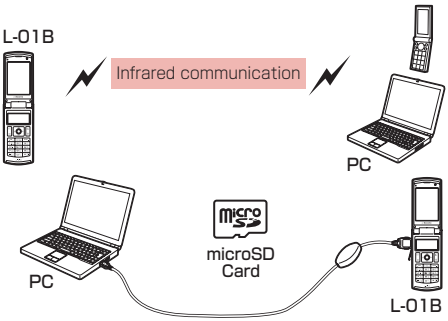
Data Communications Available with the FOMA Terminal

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.



- FOMA USB Cable with Charge Function 01/02 (optional)
- microSD Card
- DOCOMO keitai datalink

Note

- 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 best-effort 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 5.7Mbps 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 5.7Mbps for sending are theoretical values and they do not show 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-01B can use an access point, even while in overseas, that supports 3G or GPRS packet communication to perform data communication.

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 (fee-based) 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* must be met 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 the strength of the signal.

- FOMA USB Cable with Charge Function 01/02 (optional) must be available on the PC.
- The FOMA terminal must be in the FOMA service area.
- The access point must support FOMA packet communication.

* These conditions are for domestic use in Japan.

Before Using Data Communication

Operating Environment

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

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, High Color (65,536 colors) or higher recommended
OS*1 *2	• Windows Vista, Windows XP, or Windows 2000 (Japanese version)
Required memory*3	• Windows Vista: 512MB or more • Windows XP: 128MB or more • Windows 2000: 64MB or more
Hard disk space*3 *4	• Available space of 5MB or more

*1 The operation on an upgraded OS cannot be guaranteed.
*2 For detailed operating environment, check DOCOMO web site.
*3 Memory requirement or hard disk space may vary depending on the PC system configuration.
*4 DOCOMO Connection Manager requires 10MB or more.

• The recommended browser for using the menu is Microsoft Internet Explorer 7.0 or later. Perform the following steps if a 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 (Computer)".
■ For Windows XP
Click "スタート (Start)" ▶ "マイコンピュータ (My Computer)"
■ For Windows 2000
Double-click an icon "マイコンピュータ (My Computer)" on the desktop.
② Right-click the CD-ROM icon ▶ Select "開く (Open)"
③ Double-click "index.html"
* For Windows XP/2000, the recommended browser is Microsoft Internet Explorer 6.0 or later.

• A warning screen may appear if you insert the bundled CD-ROM into a PC. 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 with Charge Function 01/02 (optional) or FOMA USB Cable (optional)
• CD-ROM for L-01B (supplied)

Note
• Purchase the exclusive FOMA USB Cable with Charge Function 01/02 or FOMA USB Cable. 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-01B communication setting files to use the FOMA USB Cable with Charge Function 01/02 (optional).

Download and install the L-01B communication setting files
• Install them using bundled CD-ROM
or
• Download and install from the DOCOMO web page

↓

Data transfer

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.

Check that "USB mode setting" of the FOMA terminal is set to "Communication mode"→P3

↓

Connect the FOMA terminal and the PC using a FOMA USB Cable with Charge Function 01/02 (optional)→P3

↓

Download and install the L-01B communication setting files

- Install them using bundled CD-ROM

or

- Download and install from the DOCOMO web page

↓

Check after installation→P9

↓

Install DOCOMO Connection Manager and set up with it →P10

Set up without DOCOMO Connection Manager→P14

↓

Connect→P21

L-01B communication setting files and DOCOMO Connection Manager

L-01B 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 with Charge Function 01/02.

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 the PC

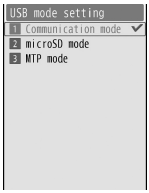
This section explains how to connect the FOMA terminal and a PC using the FOMA USB Cable with Charge Function 01/02 (optional).

USB mode setting

Setting the USB Mode

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

1 MENU ▶ "Settings" ▶ "Other" ▶ "USB mode setting"

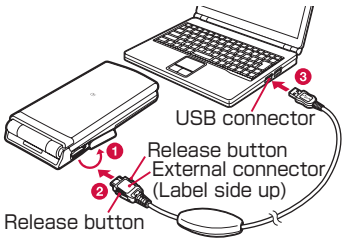


2 "Communication mode"

Connect the FOMA Terminal and a PC Using a FOMA USB Cable with Charge Function 01/02 (optional)

1 Open the external connector terminal cover (❶) of the FOMA terminal and hold the external connector of the FOMA USB Cable with Charge Function 01/02 so that the label is facing upwards and insert the connector straight into the terminal until you hear it click into place (❷)

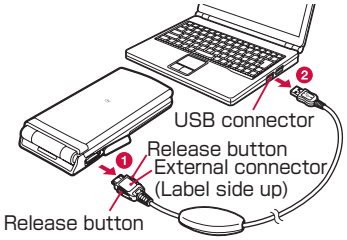
2 Plug the USB connector of the FOMA USB Cable with Charge Function 01/02 to a USB port on the PC (❸)



Continue on the next page

Unplugging

① To unplug the external connector of the FOMA USB Cable with Charge Function 01/02 (optional), pull it straight out while holding the release buttons of the connector (❶)



② Unplug the FOMA USB Cable with Charge Function 01/02 from the USB port of the PC (❷).

Note

- Do not unplug the FOMA USB Cable with Charge Function 01/02 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 with Charge Function 01/02 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 with Charge Function 01/02. Using excessive force may result in malfunction.

Cautions when Installing/Uninstalling

Keep the following in mind when installing or uninstalling L-01B 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 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-01B Communication Setting Files (Driver)

The L-01B communication setting files need to be installed the first time you connect the FOMA terminal and a PC with the FOMA USB Cable with Charge Function 01/02 (optional).

- Before installing L-01B communication setting files, make sure that the FOMA terminal is unplugged from your PC.
- Make sure to read "Cautions when Installing/ Uninstalling" (P4) before starting the operation.

Installing on Windows Vista

1 Insert the CD-ROM for L-01B into a PC

The "L-01B CD-ROM" screen appears.



- Depending on the PC settings, this screen may not appear. In this case, go to Step 3.

2 Click ✕ at the upper right of the screen

The "L-01B CD-ROM" screen disappears.

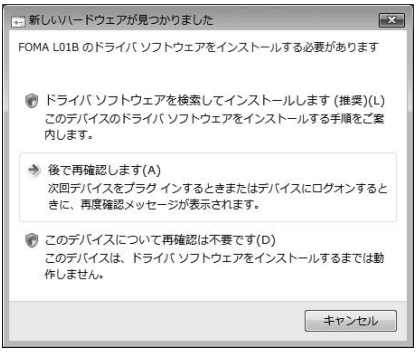
3 Connect the FOMA terminal and the PC

A pop-up message "新しいハードウェアが見つかりました (New hardware was found)" will be displayed for a few seconds from the task bar of the PC screen.

- Connecting→P3
- Connect the FOMA terminal to the PC with the FOMA terminal turned on.

4 Click "ドライバソフトウェアを検索してインストールします(推奨) (Search for the driver and install (recommended))"

- After the click, a pop-up message "デバイス ドライバソフトウェアをインストールしています (Device driver is being installed)" will be displayed for a few seconds from the task bar of the PC screen.
- If L-01B communication setting files are installed on the same PC twice or more, the next screen may not appear, and a popup message "デバイス ドライバソフトウェアが正しくインストールされました (The device driver was installed successfully)" may be displayed for a few seconds from the task bar of the PC screen, then the installation may complete automatically.
  In this case, check that the L-01B communication setting files have been installed correctly.→P9



5 Click "ディスクはありません。他の方法を試します (No disk found. Try another method.)"



Continue on the next page

6 Click "コンピュータを参照してドライバソフトウェアを検索します(上級) (Browse the PC to find the driver (advanced))"



7 Enter the search location of the L-01B communication setting files (Driver) ▶ Click [次へ (Next)]

As the search location, enter "<CD-ROM drive letter>:¥guide¥L-01B_ driver_vista32¥WinVista32" in the "次の場所でドライバソフトウェアを検索します (Search for the driver in the following location)" field.



8 Click [閉じる (Close)] on the installation completion screen

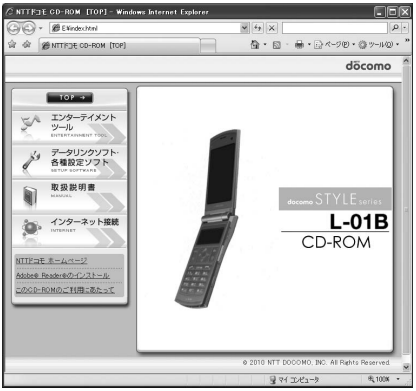
Repeat Steps 6 to 8 twice to install all of L-01B communication setting files.

After the installation of all L-01B communication setting files completes, a popup message "デバイスドライバソフトウェア が正しくインストールされました (Device driver installed successfully)" will be displayed for a few seconds from the task bar of the PC screen.
Then, check whether the L-01B communication setting files have been installed correctly.→P9

Installing on Windows XP

1 Insert the CD-ROM for L-01B into a PC

The "L-01B CD-ROM" screen appears.



- Depending on the PC settings, this screen may not appear. In this case, go to Step 3.

2 Click ☒ at the upper right of the screen

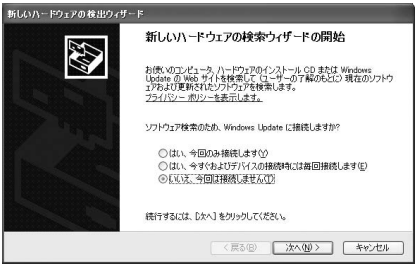
The "L-01B CD-ROM" screen disappears.

3 Connect the FOMA terminal and the PC

A pop-up message "新しいハードウェアが見つかりました (New hardware was found)" will be displayed for a few seconds from the task bar of the PC screen.

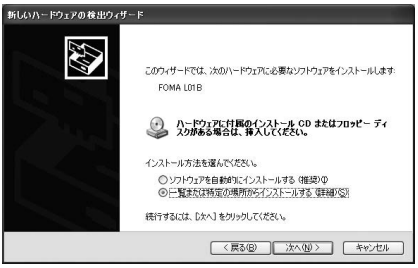
- Connecting→P3
- Connect the FOMA terminal to the PC with the FOMA terminal turned on.

4 Select "いいえ、今回は接続しません (No, not this time)" ▶ Click [次へ (Next)]



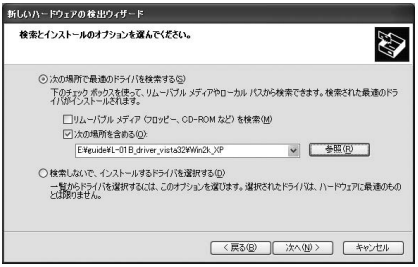
Continue on the next page

5 Select "一覧または特定の場所からインストールする (詳細) (Install from the list or a specific location (details)" ▶ Click [次へ (Next)]



6 Select "次の場所で最適のドライバを検索する (Search the most suitable driver in the following location)" ▶ Remove the check mark from "リムーバブル メディア (フロッピー、CD-ROMなど) を検索 (Search removable media (such as a floppy disk or CD-ROM))" ▶ Mark for "次の場所を含める (Include the following location)" ▶ Enter the search location of L-01B communication setting files (Driver) ▶ Click [次へ (next)]

As the search location, enter "<CD-ROM drive letter>:¥guide¥L-01B_driver_vista32¥Drivers¥Win2k_XP" in the "次の場所を含める (include the following location)" field.



■ If the selection screen for the most suitable software appears

Depending on the PC settings, the following screen may appear.

If the screen appears, select "<CD-ROM drive letter>:¥guide¥L-01B_driver_vista32¥Win2k_XP" ▶ Click [次へ (Next)] to continue the installation.



7 Click [完了 (Finish)] on the New hardware search wizard completion screen

Repeat Steps 4 to 7 twice to install all L-01B communication setting files.

After the installation of all L-01B communication setting files completes, a popup message "新しいハードウェアがインストールされ、使用準備ができました (New hardware installed and ready)" will be displayed for a few seconds from the task bar of the PC screen. Then, check whether the L-01B communication setting files have been installed correctly.→P9

Installing on Windows 2000

1 Insert the CD-ROM for L-01B into a PC

The "L-01B CD-ROM" screen appears.



- Depending on the PC settings, this screen may not appear. In this case, go to Step 3.

2 Click ✕ at the upper right of the screen

The "L-01B CD-ROM" screen disappears.

3 Connect the FOMA terminal and the PC

The "新しいハードウェアが見つかりました (New hardware was found)" screen will be displayed for a few seconds.

- Connecting→P3
- Connect the FOMA terminal to the PC with the FOMA terminal turned on.

Continue on the next page

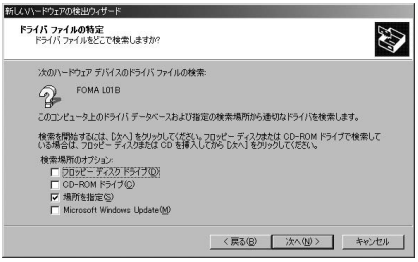
4 Click [次へ (Next)]



5 Select "デバイスに最適なドライバを選択する(推奨) (Select the most suitable driver for the device (recommended))" ▶ Click [次へ (Next)]

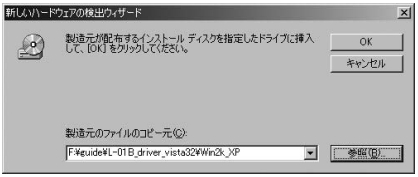


6 Select "場所を指定 (Specify the location)" ▶ Click [次へ (Next)]



7 Enter the search location of L-01B communication setting files (Driver) ▶ Click [OK]

As the search location, enter "<CD-ROM drive letter>:¥guide¥L-01B_ driver_vista32¥Win2k_XP" in the "製造元のファイルのコピー元 (Copy manufacturer's files from)" field.



8 Check the driver name ▶ Click [次へ (Next)]



9 Click [完了 (Finish)] on the New hardware search wizard completion screen

Repeat from Steps 4 to 9 twice to install all L-01B communication setting files.

After the FOMA terminal and the PC are connected, the L-01B communication setting files are installed automatically.
After the installation of all L-01B communication setting files completes, a popup message "新しいハードウェアがインストールされ、使用準備ができました (New hardware installed and ready)" will be displayed for a few seconds from the task bar of the PC screen.
Then, check whether the L-01B communication setting files have been installed correctly.→P9

Checking the Installed L-01B Communication Setting Files (Driver)

Check that the L-01B communication setting files have been installed correctly.

Example: For Windows Vista

1 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)".

■ For Windows 2000

Click "スタート (Start)" ▶ "設定 (Settings)" ▶ "コントロールパネル (Control Panel)" ▶ "システム (System)".

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

■ For Windows XP

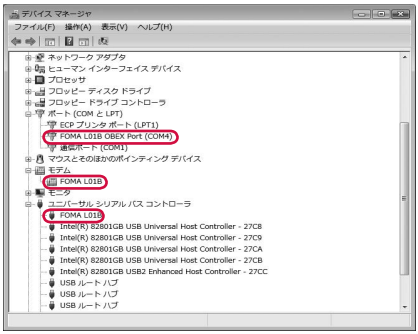
Click the "ハードウェア (Hardware)" tab ▶ Click [デバイスマネージャ (Device Manager)].

■ For Windows 2000

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

3 Click a 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 Vista

Device	Driver
ユニバーサルシリアルバスコントローラ (Universal Serial Bus controllers)	FOMA L01B
ポート(COMとLPT) (Port (COM/LPT))	FOMA L01B OBEX Port
モデム (Modem)	FOMA L01B

Viewing 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 view them from the Device Manager window.

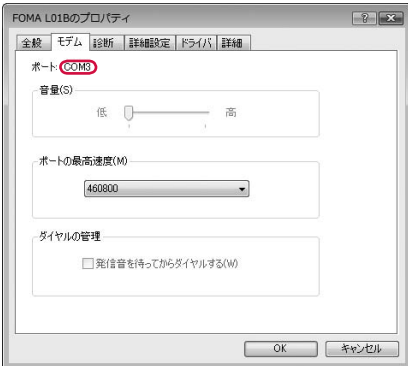
① **Connect the FOMA terminal and the PC**

・Connecting→P3

② **Perform Steps 1 and 2 described in "Checking the Installed L-01B Communication Setting Files (Driver)"**

③ **Click "モデム (Modems)" ▶ Select "FOMA L01B" ▶ 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:)".



Uninstalling the L-01B Communication Setting Files (Driver)

To uninstall the L-01B communication setting files, perform the following steps.

- Before uninstalling the L-01B communication setting files, make sure that the FOMA terminal is unplugged from your PC.
- Make sure to read "Cautions when Installing/Uninstalling" (P4) before starting the operation.

Example: For Windows Vista

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 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)".

■ For Windows 2000

Click "スタート (Start)" ▶ "設定 (Settings)" ▶ "コントロールパネル (Control Panel)" ▶ Double-click [アプリケーションの追加と削除 (Add or Remove Applications)]

2 Select "FOMA L01B USB" ▶ "続行 (Continue)"

■ For Windows XP/2000

Select "FOMA L01B USB" ▶ Click "変更と削除 (Change or Remove)".

3 Click [OK]



4 Click [OK] on the uninstallation confirmation screen

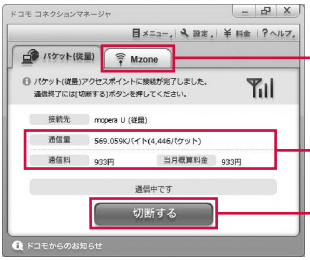
Uninstallation will be completed.

Note

- The L-01B communication setting files may not be installed properly in case the FOMA USB Cable with Charge Function 01/02 (optional) is disconnected or in case you abort the installation by clicking [キャンセル (Cancel)] button on the PC. In this case, uninstall the L-01B communication setting files first, and install them again.

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.



Do not appear on the default setting. For the detail, see Help for DOCOMO Connection Manager.

Total cost counter

Connect/ Disconnect button

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's web site.

Note

<Using metered rate data communication (including i-mode packet flat-rate service, 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", "Pake-hodai full", and "Biz-hodai".

<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's 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 with Charge Function 01/02 (optional) or USB Cable

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"→P11

Internet Explorer settings

Before installing the DOCOMO Connection Manager, make sure to set 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.

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

When you use Mzone (public wireless LAN connection) using the DOCOMO Connection Manager, please 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 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/2000

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.

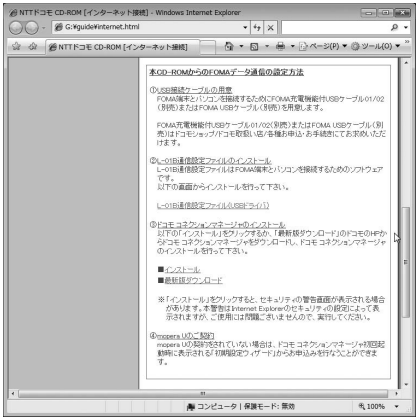
2 Quit all running programs

Quit resident programs on Windows including a virus check 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 bundled CD-ROM for L-01B



If L-01B communication setting files (Driver) are not installed, you need to install the driver before installing DOCOMO Connection Manager. "Installing L-01B Communication Setting Files (Driver)"→P5

If the driver is already installed, you can install the DOCOMO Connection Manager by accessing "インターネット接続 (Internet connection)" ▶ "インストール (Install)", item ③ 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 [続行 (Continue)]

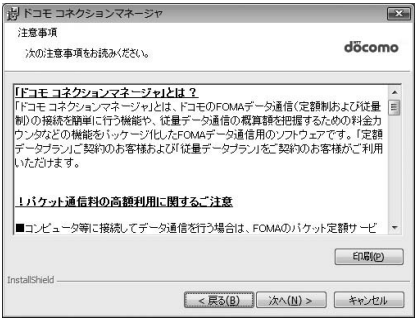
- For Windows XP/2000, [ユーザーアカウント制御 (User Account Control)] screen does not appear. The Setup program starts at once.



3 Click [次へ (Next)]

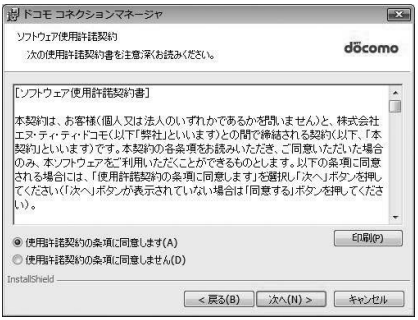


4 Read the precautions carefully, then click [次へ (Next)]



Continue on the next page

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 "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 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)".

■ For Windows 2000

Click "スタート (Start)" ▶ "プログラム (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 For the first time of the start, 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".



Continue on the next page

Note

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



Connect/Disconnect button

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 cid's. 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 and the registration number 3 is set to mopera.net by default. Use cid2 or from 4 to 11 when setting another access point.
- "Hyper Terminal" does not run on Windows Vista. To configure the settings in Windows Vista, use communication software compatible with Windows Vista. For the setting procedure, refer to the instruction manual and other documentation that come with the software to be used.
- 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 the PC

- Connecting→P3

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.

■ For Windows 2000

Click "スタート (Start)" ▶ "プログラム (Programs)" ▶ "アクセサリ (Accessories)" ▶ "通信 (Communication)" ▶ "ハイパーターミナル (Hyper Terminal)"

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 L01B" 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.→P9



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

The Hyper Terminal entry screen opens.

Continue on the next page

6 Enter an access point (APN) in the following format ▶ Press ↵

AT+CGDCONT=<cid>,"<PDP type>","<APN>" ↵.
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 2, and from 4 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 ↵.



To register an access point with PPP as the PDP type and XXX.com as the APN to cid2

■ To reset the access point (APN) settings of the specified cid
Enter AT+CGDCONT=<cid> ↵.

■ To view the registered access point (APN)
Enter AT+CGDCONT? ↵.

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→P24) to configure the settings prior to connecting. Your caller ID is valuable information. Be sufficiently cautious when showing your caller ID.

- "Hyper Terminal" does not run on Windows Vista. To configure the settings in Windows Vista, use communication software compatible with Windows Vista. For the setting procedure, refer to the instruction manual and other documentation that come with the software to be used.

1 Perform Steps 1 to 5 in "Setting Access Point (APN)" (P14)

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)"

Continue on the next page

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 (P16).
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 Vista

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)"

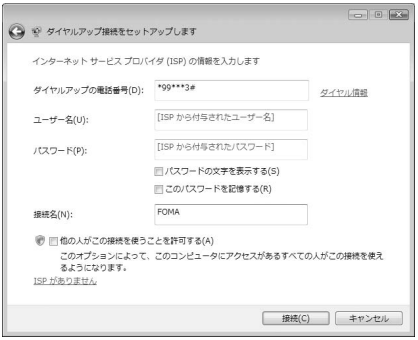
3 Select "ダイヤルアップ接続をセットアップします (Set up dial-up connection)" ▶ Click [次へ (Next)]

4 When the modem selection screen appears, click "FOMA L01B"

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 (User name)" 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 select "プロパティ (Properties)"

Continue on the next page

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 L01B (Modem–FOMA L01B)" in the "接続の方法 (Connection Method)" field.

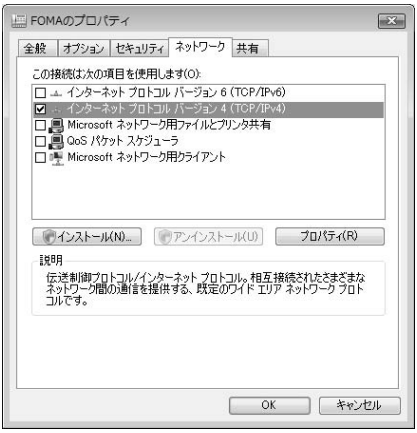
- Disable "ダイヤル情報を使う (Use dialing information)".



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]

Setting on Windows XP

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 L01B (Modem – FOMA L01B)" ▶ Click [次へ (Next)]

The "デバイスの選択 (Select a device)" screen appears only when the PC has multiple modems.

Continue on the next page

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)]

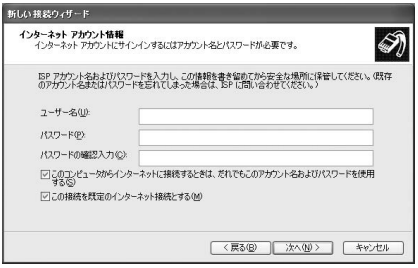
Select a user.

- 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.

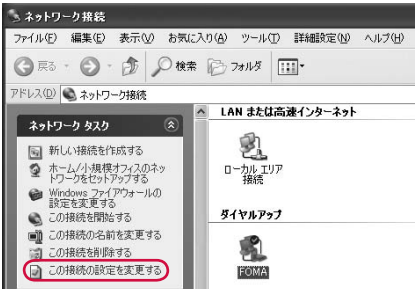


11 Click [完了 (Finish)]

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 L01B (Modem – FOMA L01B)" in the "接続方法 (Connection Method)" field.
- Disable "ダイヤル情報を使う (Use dialing information)".



Continue on the next page

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]

For Windows 2000

1 Click "スタート (Start)" ▶ "プログラム (Programs)" ▶ "アクセサリ (Accessories)" ▶ "通信 (Communication)" ▶ "ネットワークとダイヤルアップ接続 (Network and Dial-up Connections)"

2 On the Network and Dial-up connection screen, double-click the "新しい接続の作成 (Create new connection)" icon

3 If the location information screen appears, enter "市外局番 (City code)" ▶ Click [OK]

This appears only when "新しい接続の作成 (Create new connection)" is launched for the first time. Go to Step 5 when launching this for the second time or later.

4 On the phone and modem option screen, click [OK]

5 On the Network connection wizard screen, click [次へ (Next)]

6 Select "インターネットにダイヤルアップ接続する (Connect to the Internet via dial-up)" ▶ Click [次へ(Next)]

7 Select "インターネット接続を手動で設定するか、またはローカルエリアネットワーク (LAN)を使って接続します (Set up the Internet connection manually, or connect to the Internet using LAN)" ▶ Click [次へ (Next)]

8 Select "電話回線とモデムを使ってインターネットに接続します (Connect to the Internet using a telephone line and a modem)" ▶ Click [次へ (Next)]

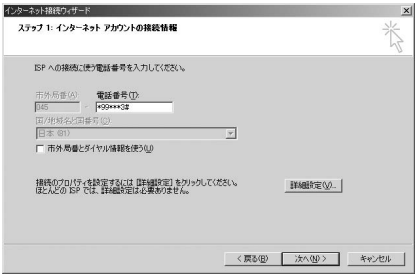
9 If the modem selection screen appears, select "FOMA L01B" ▶ Click [次へ (Next)]

The modem selection screen appears only when the PC has multiple modems.

- If "FOMA L01B" is not displayed, click "インターネットへの接続に使うモデムを選択する (Select the modem used to connect to the Internet)" field and then select "FOMA L01B".

10 Enter the APN phone number in the "電話番号 (Phone Number)" field ▶ Click [詳細設定 (Advanced settings)]

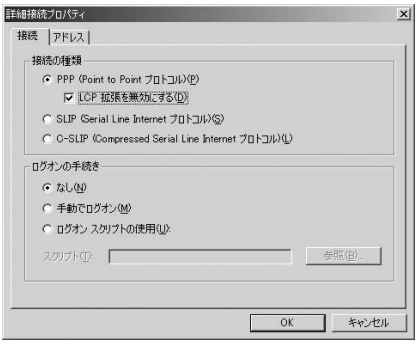
Disable "市外局番とダイヤル情報を使う (Use the city code and dialing information)".



Continue on the next page

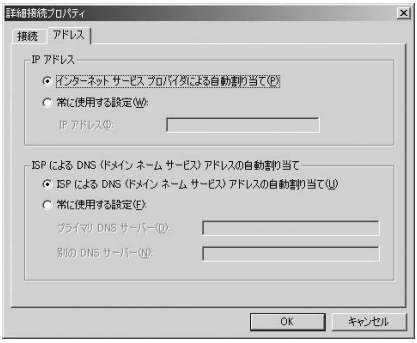
11 Configure the settings on the "接続 (Connection)" tab according to the examples on the screen

- If you are connecting to other than "mopera U" and "mopera", fill in the "接続の種類 (Connection type)" and " ログオンの手続き (Log on procedures)" fields according to the information provided by your ISP or network administrator.



12 Click the "アドレス (Address)" tab ▶ Configure settings according to the examples on the screen ▶ Click [OK]

- If you are connecting to other than "mopera U" and "mopera", fill in the "IPアドレス (IP address)" and "ISP によるDNS (ドメインネームサービス) アドレスの自動割り当て (Assign DNS address automatically by ISP)" fields according to the information provided by your ISP or network administrator.

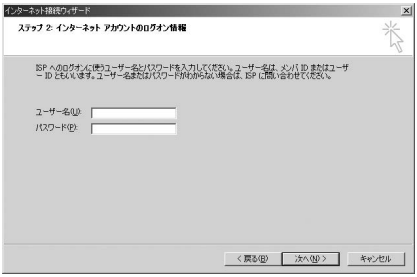


13 On the "インターネットアカウントの接続情報 (Internet account connection information)" screen, click [次へ (Next)]

14 Enter "ユーザー名 (User Name)" and "パスワード (Password)" ▶ 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. If they are not filled, warnings that the user name and password fields are not filled appear consecutively. Click [はい (Yes)] on each screen.



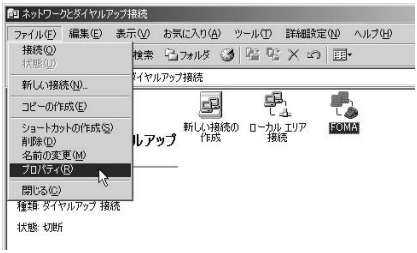
15 Enter a connection name in the "接続名 (Connection Name)" field ▶ Click [次へ (Next)]

16 Select "いいえ (No)" ▶ Click [次へ (Next)]

17 Click [完了 (Finish)]

- If "今すぐインターネットに接続するにはここを選び完了をクリックしてください (Select this to connect to the Internet now and click Finish)" appears, disable the option.

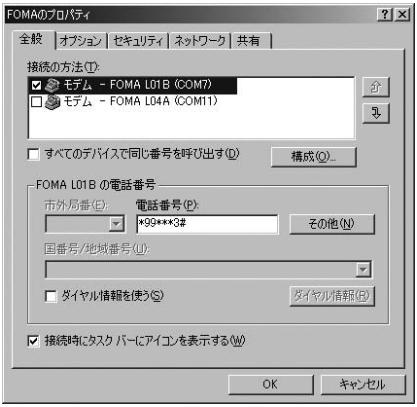
18 Select the icon of the created dial-up connection ▶ Click "ファイル (File)" ▶ "プロパティ (Properties)"



Continue on the next page

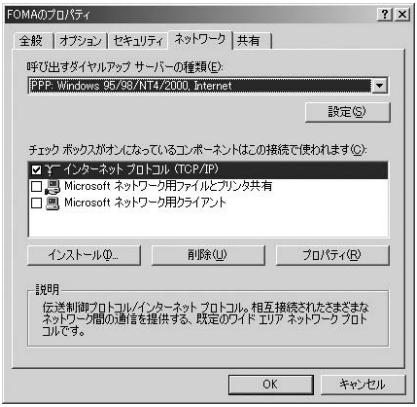
19 Check the settings on the "全般 (General)" tab

- If two or more modems are connected to the PC, enable only "モデム– FOMA L01B (Modem - FOMA L01B)" in the "接続の方法 (Connection Method)" field.
- Disable "ダイヤル情報を使う (Use dialing information)".



20 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 only "インターネット プロトコル (Internet protocol) (TCP/IP)" in the "チェックボックスがオンになっているコンポーネントはこの接続で使われます (Checked components are used for this connection)" field.



21 Click [設定 (Settings)]

22 Remove checkmarks from all items ▶ Click [OK]



23 On the "ネットワーク (Networking)" tab window, 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. →P3
- When performing communication, connect the FOMA terminal you used to configure the settings. If a different FOMA terminal is connected, the L-01B communication setting files may need to be reinstalled.

Example: For Windows Vista

1 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.

■ For Windows 2000

Click "スタート (Start)" ▶ "プログラム (Programs)" ▶ "アクセサリ (Accessories)" ▶ "通信 (Communication)" ▶ ネットワークとダイヤルアップ接続 (Network and Dial-up Connections)" ▶ Double-click the icon of the access point that has been set up.

Continue on the next page

2 Enter "ユーザー名 (User Name)" and "パスワード (Password)"▶Click [ダイヤル (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 [ダイヤル (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 [ダイヤル (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 may appear when the dial-up connection is established. However, the connection completion screen does not appear if you previously set the completion message not to appear.



Disconnecting

Exiting the Internet browser may not terminate the connection. Perform the following steps to terminate the connection securely.

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

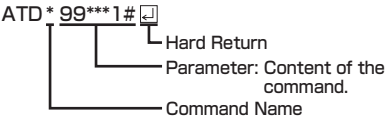
AT commands are used to check the FOMA terminal function settings or status on a PC. Usually the communication software issues AT commands so that you do not have to be aware of them. Use AT commands if you want to control the FOMA terminal in your own way.

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



- 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-01B modem.

• The following commands can be entered but are invalid commands that will not work.
- AT (input only AT)
- ATS0 (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 L01B-XXXXXXXXX-XXXXX- XXX-XX-2008-DCM-JP X [XXX XX 2008 XX:XX:XX] OK
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&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

Continue on the next page

AT Commands	Overview	Parameters/Descriptions	Command Examples
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.→P16	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+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 P30.	See P30.
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 P30.	See P30.
AT+CGEQREQ	Set the QoS (Quality of Service) to be requested from the network when packet communication via PPP connection is dialed.	See P30.	See P30.
AT+CGMR	Display the version of the FOMA terminal.	–	AT+CGMR XXXXXXXXXX XXXXX OK

Continue on the next page

AT Commands	Overview	Parameters/Descriptions	Command Examples
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 XXXXXXXXXXX XXXX OK
AT+CMEE=<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+CMEE? : 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+CMEE=0 OK AT+CPIN="123 45678","1234" ERROR AT+CMEE=1 OK AT+CPIN="123 45678","1234" +CME ERROR : 16 AT+CMEE=2 OK AT+CPIN="123 45678","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

Continue on the next page

AT Commands	Overview	Parameters/Descriptions	Command Examples
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
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 P31. * 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+CPUC="<currency>","<ppu>"[,"<Passwd>"]	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)

Continue on the next page

AT Commands	Overview	Parameters/Descriptions	Command Examples
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 L01B OK
AT+GMR	Display the version of the FOMA terminal.	–	AT+GMR L01B-MSM409565-VXXX-XXX-XX-XXXX-DCM-JP X [XXX XX 2008 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
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 OK AT+WS46? 22 OK
AT¥S	Display the currently set commands and S register content.	–	AT¥S E1 Q0 V1 X4 &C1 &D2 S000=000 S003=013 S004=010 S005=008 S006=005 S007=060 S008=003 S010=001 OK

Continue on the next page

AT Commands	Overview	Parameters/Descriptions	Command Examples
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
ATH	Disconnect the line during packet communication.	—	(During packet communication) ATH NO CARRIER
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 L01B 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

Continue on the next page

AT Commands	Overview	Parameters/Descriptions	Command Examples
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, "mopera.ne.jp" is registered to <cid>=1, and "mopera.net" is registered to <cid>=3.

*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 cid2)
AT+CGDCONT=2,"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 5,760
<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 5,760 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=2)
AT+CGEQMIN=2
OK
(2) Command to permit only 5,760kbps for upload and 7,232kbps for download (when cid=2)
AT+CGEQMIN=2,,5760,7232
OK
(3) Command to permit 5,760kbps for upload and all speeds for download (when cid=2)
AT+CGEQMIN=2,,5760
OK
(4) Command to permit all speeds for upload and only 7,232kbps for download (when cid=4)
AT+CGEQMIN=4,,,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 : +CGEQREQ=[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
+CGEQREQ=[<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 5,760kbps upload and 7,232kbps download (when <cid>=2)
AT+CGEQREQ=2,2,5760,7232
OK

Continue on the next page

• Operations without a parameter
AT+CGEQREQ=
: Reset all <cid> to their defaults.
AT+CGEQREQ=<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 CARRER	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 (P28) is set to n=1 (default), and the result codes are displayed as numbers if set to n=0.

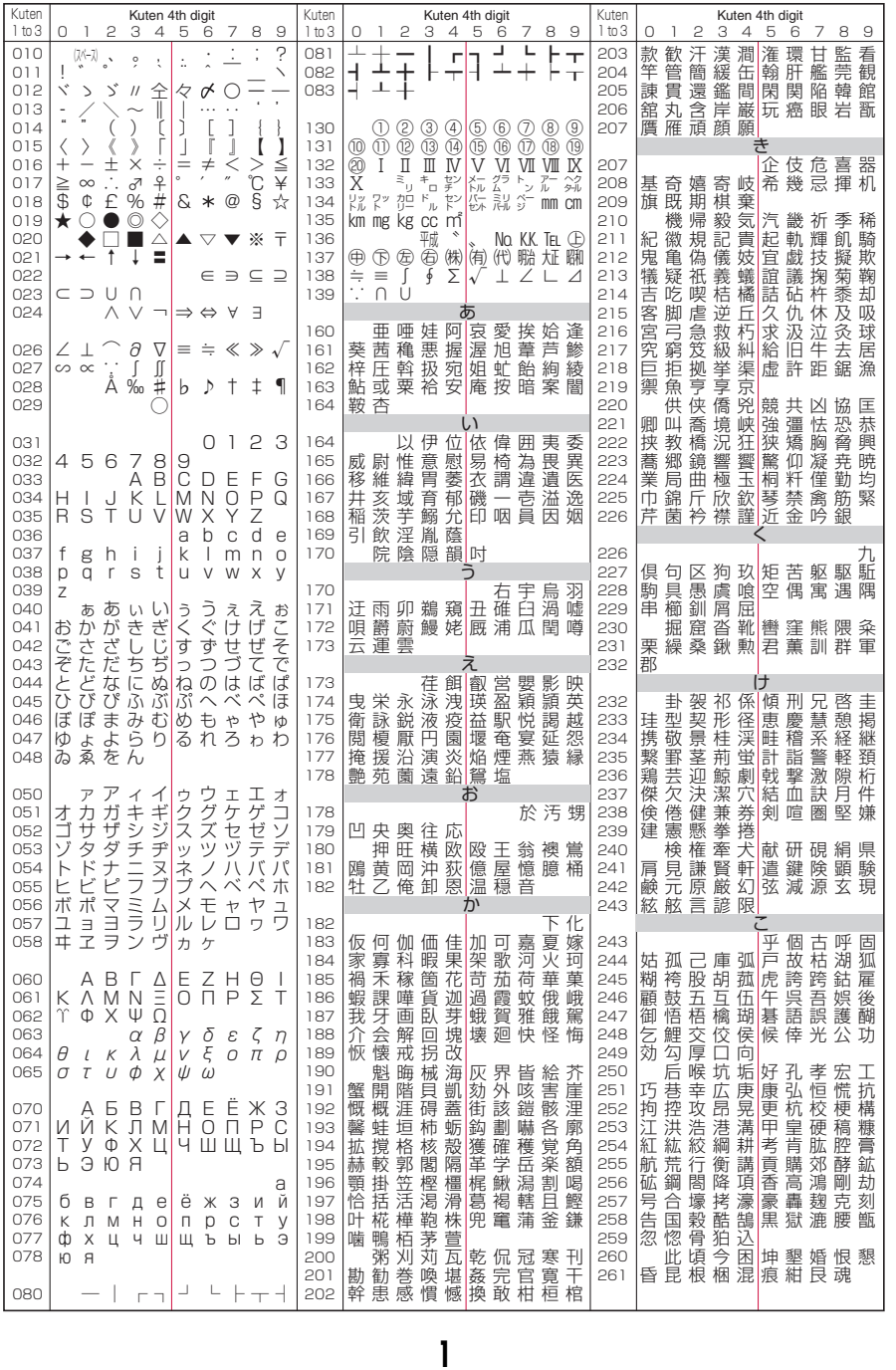
■ Result code of AT+CPIN?

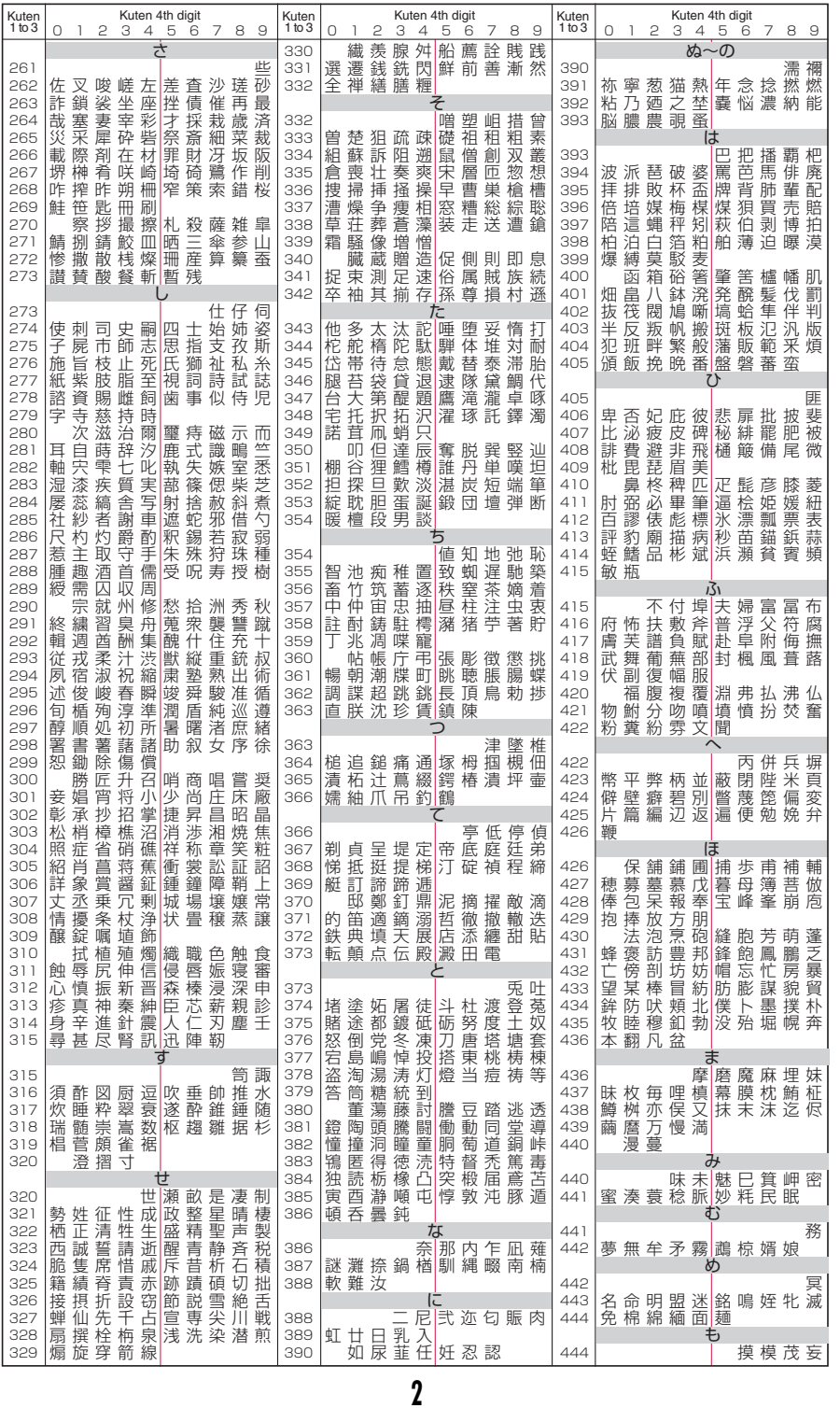
FOMA terminal state	Result Codes
Waiting for input	+CPIN: SIM PIN (for PIN1 code) +CPIN: SIM PIN2 (for PIN2 code)
Waiting for input of PIN Unlock Code.	+CPIN: SIM PUK (for PIN1 code) +CPIN: SIM PUK2 (for PIN2 code)
PIN Code authenticated	+CPIN: READY
Inappropriate command was entered	+CME ERROR: Operation is not allowed
Incorrect command entered	ERROR

Kuten Code List for L-01B

Kuten Code List

- The kuten codes in the following table may differ from the appearances of the actual display.




Kuten 1 to 3
Kuten 4th digit
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Kuten 1 to 3	Kuten 4th digit									
	0	1	2	3	4	5	6	7	8	9
445	孟	毛	猛	盲	網				黙	悶
446	目	杢	勿	餅	尤				木	問
447	紋	門	匁						黙	蚊
					や					
447				也	冶				弥	
448				約	葉				野	薮
449	矢	鏑	厄	役	夜				柳	
					ゆ					
449				愉	癒				幽	
450				諭	輸				宥	由
451				憂	裕				猶	夕
452					優				融	
					よ					
452										予
453				余	与				容	用
454				揚	揺				熔	遥
455				窯	羊				踊	陽
456				養	慾				翼	淀
					ら					
456										羅
457				余	与				落	酪
458				螺	裸	来	嵐		絡	
458									利	吏
459					璃	里	流	慮	梁	量
460					理	裡	劉	侶	料	遼
461					裏	略	龍	寮	諒	琳
462					竜	凌	良	林		
463					李	痢	掠	竜	凌	良
464					履	薄	隆	両	糧	厘
465										
					る	～	れ			
466					瑠	嶺	隷	励	麗	鈴
467					累	礼	列	練	錬	
468					塁	怜	暦	連		
469					涙	玲	歴	蓮		
470					類	冷	例	冷	霊	恋
					ろ					
470					呂	弄	聾			
471					露	労	廊	老		
472					婁	朗	論			
473					魯	蝋	録			
					わ					
473									惑	湾
474					和	話	賄	脇	腕	
475					鰐	詫	藁	腕		
480					个	豫	乖	仟	乂	亞
481					丕	丁	京	仍	于	仄
482					乖	乗	亡	仗	仄	仏
483					弋	乗	亡	仗	仏	伜
484					丐	乱	了	仗	伜	伴
485					丐	乱	了	仗	伜	伴
486					倩	傑	傚	傭	傲	傾
487					倩	傑	傚	傭	傲	傾
488					僂	僊	僉	僑	僕	僥
489					僂	僊	僉	僑	僕	僥
490					僧	僭	僻	僚	僻	僚
491					僧	僭	僻	僚	僻	僚
492					僮	僵	僵	僵	僵	僵
493					僮	僵	僵	僵	僵	僵
494					僮	僵	僵	僵	僵	僵
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508					僮	僵	僵	僵	僵	僵

Kuten 1 to 3	Kuten 4th digit									
	0	1	2	3	4	5	6	7	8	9
509	咨			哈	咨					
510	咥			咤	咥				唏	
511				哭	唆				哦	
512				啻	啖				唧	
513				鳴	噛				噌	
514				嗾	噛				噌	
515				嘯	噛				噌	
516				嘸	噛				噌	
517				噫	噫				噌	
518				噫	噫				噌	
519				噫	噫				噌	
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583				噫	噫				噌	
584				噫	噫				噌	

Kuten 1 to 3	Kuten 4th digit									
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Kuten 1 to 3	Kuten 4th digit									
	0	1	2	3	4	5	6	7	8	9
661	皖	皓	晢	皚	皰	皴	皸	皹	皺	盂
662	盍	盖	盥	盞	盝	盤	盪	眥	鑵	眇
663	眈	眇	眄	眩	眛	眷	眸	睇	睚	睛
664	睥	睨	睫	睦	睿	睾	瞀	瞋	瞌	瞍
665	瞑	瞰	瞶	瞹	瞼	瞽	瞿	矉	矍	矐
666	矗	矚	矜	矣	矧	矯	矰	矱	硅	硝
667	硫	硯	硲	硼	碁	碑	磁	磋	碯	磅
668	磊	磌	碼	磑	磕	磔	磚	磧	磐	磚
669	礦	礪	礫	礬	礒	礑	礙	礎	礌	礒
670	礫	礙	礪	礑	礒	礫	礬	礪	礫	礫
671	礫	禊	禍	禎	祿	禪	禮	禱	禊	禍
672	禦	禧	禪	禮	禍	禱	禮	禪	禦	禮
673	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
674	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
675	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
676	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
677	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
678	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
679	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
680	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
681	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
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683	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
684	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
685	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
686	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
687	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
688	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
689	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
690	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
691	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
692	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
693	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
694	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
695	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
696	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
697	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
698	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
699	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
700	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
701	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
702	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
703	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
704	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
705	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
706	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
707	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
708	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
709	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
710	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
711	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
712	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
713	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
714	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
715	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
716	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
717	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
718	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
719	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
720	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
721	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
722	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
723	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
724	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
725	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
726	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
727	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
728	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
729	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
730	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
731	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
732	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
733	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
734	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
735	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮
736	禮	禪	禮	禮	禪	禮	禪	禮	禪	禮

Kuten 1 to 3	Kuten 4th digit									
	0	1	2	3	4	5	6	7	8	9
737	蜀	蜷	蜩	蜻	蜉	蜑	蜴	蜩	蜥	蜿
738	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
739	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
740	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
741	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
742	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
743	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
744	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
745	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
746	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
747	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
748	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
749	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
750	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
751	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
752	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
753	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
754	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
755	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
756	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
757	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
758	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
759	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
760	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
761	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
762	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
763	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
764	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
765	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
766	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
767	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
768	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
769	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
770	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
771	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
772	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
773	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
774	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
775	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
776	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
777	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
778	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
779	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
780	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
781	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
782	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
783	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
784	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
785	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
786	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
787	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
788	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
789	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
790	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
791	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
792	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
793	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
794	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
795	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
796	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
797	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
798	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
799	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
800	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
801	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
802	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
803	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
804	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
805	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
806	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
807	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
808	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
809	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
810	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
811	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿
812	蜘	蜚	蜩	蜴	蜷	蜾	蜿	蜩	蜴	蜿

Kuten 1 to 3	Kuten 4th digit									
	0	1	2	3	4	5	6	7	8	9
813	饉	馮	馴	馼	馽	駁	駱	騷	驟	髀
814	饋	馼	馼	馼	馼	馼	馼	馼	馼	馼
815	馼	馼	馼	馼	馼	馼	馼	馼	馼	馼
816	馼	馼	馼	馼	馼	馼	馼	馼	馼	馼
817	馼	馼	馼	馼	馼	馼	馼	馼	馼	馼
818	馼	馼	馼	馼	馼	馼	馼	馼	馼	馼
819	髀	髪	髭	髯	髱	髴	髷	髻	鬆	鬘
820	鬨	鬩	鬮	鬯	鬲	鬻	鬼	魁	魅	魄
821	魍	魎	魏	魑	魘	魚	魯	魴	魵	魸
822	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
823	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
824	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
825	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
826	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
827	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
828	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
829	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
830	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
831	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
832	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
833	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
834	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
835	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
836	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
837	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
838	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
839	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻
840	魑	魘	魚	魯	魴	魵	魸	魹	魺	魻