General Inquiries <docomo Information Center>

0120-005-250 (toll free)
* Service available in: English, Portuguese, Chinese, Spanish, Korean.
* Unavailable from part of IP phones.
(Business hours : 9:00 a.m. to 8:00 p.m.)

■ From DOCOMO mobile phones
(In Japanese only)
(No prefix) 151 (toll free)
* Unavailable from land-line phones, etc.
(Business hours : 9:00 a.m. to 8:00 p.m. (open all year round))

■ From land-line phones
(In Japanese only)
0120-800-000 (toll free)
* 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.
▶ NTT DOCOMO website   http://www.nttdocomo.co.jp/english/

Repairs

■ From DOCOMO mobile phones
(In Japanese only)
(No prefix) 113 (toll free)
* Unavailable from land-line phones, etc.
(Business hours : 24 hours (open all year round))

■ From land-line phones
(In Japanese only)
0120-800-000 (toll free)
* Unavailable from part of IP phones.

Loss or theft of FOMA terminal or payment of cumulative cost overseas <docomo Information Center>

(available 24 hours a day)
■ From DOCOMO mobile phones

International call access code for the country you stay   **-81-3-6832-6600* (toll free)**
* You are charged a call fee to Japan when calling from a land-line phone, etc.

■ From land-line phones <Universal number>

Universal number international prefix   **-8000120-0151***

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

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.

■ From land-line phones <Universal number>

Universal number international prefix   **-8005931-8600***

* You might be charged a domestic call fee according to the call rate for the country you stay.
※ For international call access codes for major countries and universal number international prefix, refer to DOCOMO International Services website.

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

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

Data Communication Device **F-06C**

'11.3

ISSUE DATE:
NAME:
PHONE NUMBER:
MAIL ADDRESS:

INSTRUCTION MANUAL Connection Guide

docomo

Easy Search/Contents/Precautions

Before Using the Handset

Setting Up

Appendix/Troubleshooting

Docomo LTE, W-CDMA, GSM/GPRS System

Thank you for purchasing "Data communication device F-06C".

Before or while using F-06C, be sure to thoroughly read this manual and the individual manual for other optional devices to ensure its correct use. For further information, contact the "docomo Information Center" on the last page of this manual.

F-06C is your capable partner. Please treat it with care and enjoy using it for years.

Before using the Xi/FOMA dual terminal

- Because the Xi/FOMA dual terminal uses radio waves, it may not function in location where it is difficult for radio waves to penetrate, such as tunnels, underground passages and some buildings, in areas where radio waves are weak, or out of service area. Even when you are on a higher floor of a tall building or condominium and nothing blocks your view outside, the Xi/FOMA dual terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when the signal meter on your Xi/FOMA dual terminal indicates there are strong radio waves and you are not moving (traveling).
- Use the Xi/FOMA dual terminal in ways that do not disturb others in public places, crowded locations or quiet places.
- The Xi/FOMA dual terminal communicates via radio waves by converting voices into digital signals. If you move into an area where signal reception is poor, the digital signals may not be accurately decoded and what you hear may differ slightly from what was actually said.
- DOCOMO is not responsible for any economic losses incurred through lost communication opportunities caused by external factors such as malfunction or failure of the Xi/FOMA dual terminal, or electrical outage.
- The Xi/FOMA dual terminal supports FOMA Plus-Area and FOMA HIGH-SPEED Area.
- The Xi/FOMA dual terminal can be used only via the FOMA network provided by DOCOMO and DOCOMO's roaming area.
- This Xi/FOMA dual terminal does not support i-mode functions (i-mode mail, connection to official i-mode sites or i-αppli, etc.).

For first-time users of Xi/FOMA dual terminal

If this is your first time to use a Xi/FOMA dual terminal, read this manual in the following order to learn basic operations.

1. Learning the precautions→P6
2. Learning the names of parts and functions of the Xi/FOMA dual terminal→P14
3. Inserting the Xi/FOMA dual terminal into a PC→P18
4. Having the Xi/FOMA dual terminal recognized by your PC→P18
5. Setting up the Xi/FOMA dual terminal before communication→"F-06C INSTRUCTION MANUAL (in pdf format)" PXX

The latest information of this manual can be downloaded from the DOCOMO website.

- Instruction Manual (in pdf format) Download

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

* The URL and the information contained in the manual are subject to change without prior notice.

Viewing/Searching this manual

This manual provides the methods below for necessary function's/service's easy search.

Searching from thumb indices	▶ **Front cover**

Search from the index on the front cover.

Searching from the Index	▶ **P47**

Search from the function name, item keyword or service name.

Searching from Contents	▶ **P4**

Search from Contents categorized into chapters by functions.

Searching by main functions	▶ **P5**

Search from featured functions or new functions of F-06C.

- In this "F-06C INSTRUCTION MANUAL", "F-06C" is usually referred to as "Xi/FOMA dual terminal". Please be forewarned.
- Operation procedures and images may differ depending on environment.
- The images or illustration used in this manual are examples. They may differ from the actual displays.
- Unauthorized copying of parts of or this entire manual is prohibited.
- The contents of this manual are subject to change without prior notice.

Viewing/Searching this manual

Methods to search pages are described through an example of installing F-06C connection software/F-06C communication configuration file.
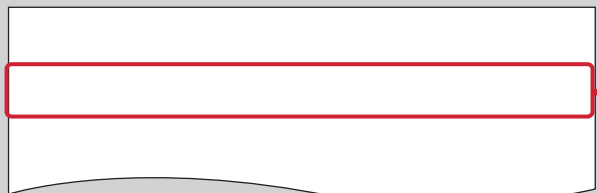
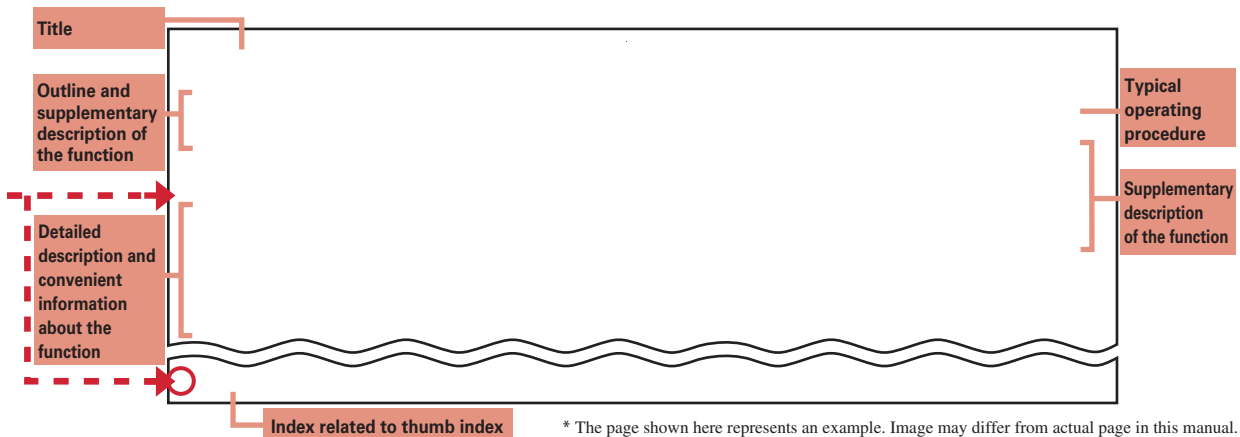## Searching from thumb indices

Functions can be searched by using indices in the order of the front cover → chapter top page → function description page. The chapter top page also gives the list of detailed contents.
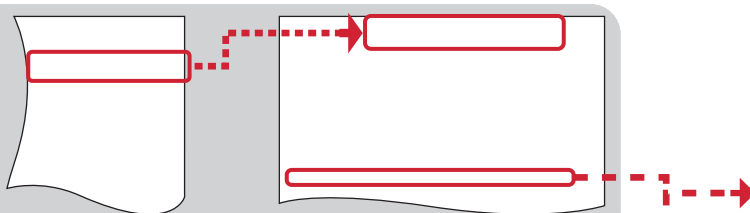
Searching from Index

Functions can be searched from function name, service name, etc.

Title

Outline and supplementary description of the function

Detailed description and convenient information about the function

Typical operating procedure

Supplementary description of the function

Index related to thumb index

* The page shown here represents an example. Image may differ from actual page in this manual.

This manual uses the default settings to describe operations. If the settings are changed, the displays or operations of Xi/FOMA dual terminal, F-06C Connection Software and F-06C communication configuration file may differ from the ones described in this manual.

Contents

Main functions of F-06C

FOMA (Freedom Of Mobile multimedia Access) is the name of a service provided by DOCOMO based on the W-CDMA system, which is certified as one of the global standards of 3rd generation mobile communication systems (IMT-2000).
LTE (Long Term Evolution) is the advanced mobile communication system of "HSDPA", high-speed data communication standard, of "W-CDMA", the third generation mobile communications system.

Correspondence with the LTE

High-speed packet communication can be performed at the maximum reception speed of 75Mbps (37.5Mbps in outdoor areas) and the maximum transmission speed of 25Mbps (best effort) which are approximately 10 times faster than FOMA.

- Communication speed is theoretical values when sending and receiving data which does not show the actual ones. Best effort method which the actual communication speed varies with the environment and the rate of congestion offers.
- For the present, Xi offers only packet communication.
- In FOMA area out of Xi area, communication with FOMA is available.
- DOCOMO offers Internet connection services, such as "mopera U". For details, visit the mopera U website.
  http://www.mopera.net

* Packet communication is charged depending on the sending/receiving data usage. Note that the communication fees may become high when browsing website including images or downloading data.

International Roaming Service

Data communications from a PC are available through using W-CDMA (3G) network or GSM/GPRS network in foreign countries.
→"F-06C INSTRUCTION MANUAL (PDF)" PXX

UIM Interchangeability

The same UIM can be used in more than one FOMA terminal and Xi/FOMA dual terminal.→P15

Safety Precautions (Always follow these directions)

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

⚠**DANGER**	This sign denotes that death or serious injury may directly result from improper use.
⚠**WARNING**	This sign denotes that death or serious injury may result from improper use.
⚠**CAUTION**	This sign denotes that minor injury or damage to property may result from improper use.

- The symbols below show specific directions.

🚫 Don't	This symbol denotes that the action is prohibited.
🚫 No disassembly	This symbol denotes that disassembling the phone or its components is not allowed.
🚫 No liquids	This symbol denotes that using the phone or its components in a bathroom or other highly humid area is not allowed.

❗ Do	This symbol denotes that an instruction must be obeyed at all times.

■ Precautions contain the description below.

◆ Handling Xi/FOMA dual terminal, UIM and PC card adapter (common)

⚠DANGER

🚫 **Do not use, store, or leave the equipment in hot areas such as near flames or in areas under strong direct sunlight such as inside a vehicle.**
Don't
May cause fire, burns or injuries.

🚫 **Do not put the terminal into heating cooking device such as microwave oven or high-pressure container.**
Don't
May cause fire, burns, injuries, electric shock.

🚫 **Do not disassemble or remodel the equipment.**
No disassembly
May cause fire, burns, injuries, electric shock.

🚫 **Do not let the terminal get wet with water, drinking water, urine of pet animals, etc.**
No liquids
May cause fire, burns, injuries, electric shock.

❗ **Use the PC card adapter specified by NTT DOCOMO for your Xi/FOMA dual terminal.**
Do
Failure to do so may cause fire, burns, injuries, electric shock.

⚠WARNING

🚫 **Do not throw the equipment or give hard shock to it.**
Don't
May cause fire, burns, injuries, electric shock.

🚫 **Keep conductive materials (metal pieces, pencil lead, etc.) from coming in contact with the external connection jack. Do not put those materials inside the terminal.**
Don't
May cause fire, burns, injuries, electric shock.

❗ **Turn off a PC which is connected with Xi/FOMA dual terminal before entering a place such as a gas station where flammable gases are generated.**
Do
The gas may catch fire.

⚠CAUTION

🚫 **Do not leave the equipment on unstable or sloping surfaces.**
Don't
The terminal may fall and cause injuries.

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

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

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

◆ Handling Xi/FOMA dual terminal

⚠WARNING

🚫 **Do not put the Xi/FOMA dual terminal in the place where it could be affected by an expanded airbag, e.g. on the dashboard.**
Don't
If the airbag expands, the Xi/FOMA dual terminal could hit you and others, causing accidents such as injury and the Xi/FOMA dual terminal could get malfunction or damaged.

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

❗ **Turn off a PC which is connected with Xi/FOMA dual terminal in areas where use is prohibited, such as in airplanes and hospitals.**
Do
Failure to do so may cause electronic equipment or electronic medical equipment to fail or malfunction.
When using the phone in a medical facility, be sure to observe the regulations of the facility. If you do prohibited act such as using the phone in an airplane, you will be punished according to law.

🚫 **When you use electronic medical equipment, check with the equipment manufacturer to determine how the device is affected by radio waves before using.**
Don't
May cause harmful effect on electronic medical equipment etc.

Pull out Xi/FOMA dual terminal from ExpressCard slot near high-precision electronic control equipment or electronic equipment using low-power signals.

Failure to do so may cause the equipment to fail or malfunction.

* Examples of electronic equipment to avoid.
Hearing aids, implanted pacemakers or defibrillators, other electronic medical equipment, fire alarms, automatic doors and other automatic control equipment.
Users wearing implanted pacemakers or defibrillators or other electronic medical equipment should check with the manufacturer or sales outlet about the effect of radio frequencies on the equipment.

⚠ CAUTION

Do not swing the Xi/FOMA dual terminal by the antenna.

Don't   May cause accident such as injury to yourself or others by hitting.

Do not use damaged Xi/FOMA dual terminal.

Don't   May cause accident such as injuries.

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

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

Mobile phones can give some users skin problems such as itching, allergic reactions or rashes. If you develop skin problems, stop using the phone immediately, and see a doctor.→ **"Material list (P9)"**

◆ Handling UIM

⚠ CAUTION

Be careful of the cut surface when removing UIM.

Do   May cause injuries.

◆ Handling mobiles near electronic medical equipment

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

⚠ WARNING

Obey the following rules inside medical facilities.

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

Turn off a PC in crowded trains or other public places where pacemaker or defibrillator wearers could be nearby.

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

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

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

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

◆ Material list

Part		Material	Surface treatment
Exterior case	Top cover (surface)	Stainless steel + Thermal crimping tape	With Insulation film (PET resin)
	Logo label (surface)	Polyester film	PET film laminate
	Frame (top/tip)	PBT resin	Surface wrinkled treatment (black)
	Cover (top)	PBT resin	Surface wrinkled treatment (black)
	Bottom cover (back)	Stainless steel + Thermal crimping tape	None
	Nameplate label (back)	Evaporated aluminum	None
Status indication lamp		PC resin	None

Part	Material	Surface treatment
Antenna	ABS resin	Surface wrinkled treatment (black)
UIM tray cap	Elastomer resin	Surface wrinkled treatment (black)
UIM tray	POM resin	Surface wrinkled treatment (black)

Handling precautions

◆ General

- **Keep the Xi/FOMA dual terminal away from water.**
  - Xi/FOMA dual terminal, UIM and PC card adapter are not waterproof/dustproof. Do not use in a bathroom or other highly humid area or do not let rain attached. Or putting the terminal on your body, humidity of sweat may cause internal corrosion and malfunction. Note that malfunctions, which are determined to be caused by water as result of inspections, are not covered by the warranty. Since these conditions are outside the scope of the warranty, a repair, if at all possible, is charged.
- **Clean Xi/FOMA dual terminal with a dry soft cloth (such as a cloth for eyeglasses).**
  - If Xi/FOMA dual terminal is wiped with alcohol, paint thinner, benzine or detergent, the printing may disappear or color may fade.
- **Clean the jack occasionally with a dry cotton swab etc.**
  - If the jack is soiled, connection gets worse and it may cause power to be turned off, so clean the jack with a dry cotton swab etc.
    Also, be careful never to damage the jack when cleaning it.
- **Do not place FOMA terminal near an air-conditioner outlet.**
  - The rapid change in temperature may cause condensation, causing internal corrosion and malfunction.
- **When using, be careful not to subject excessive force to Xi/FOMA dual terminal.**
  - If FOMA terminal is crammed into a brimming bag or placed in a pocket and sat on, internal PCBs may be damaged or malfunction.
- **Carefully read the separate instructions that come with the PC card adapter.**

◆ Xi/FOMA dual terminal

- **Avoid extreme temperature.**
  - Use Xi/FOMA dual terminal where the temperature ranges between 5 and 35℃ and humidity ranges between 45 and 85%.
- **Xi/FOMA dual terminal may affect land-line phones, TVs or radios in use nearby, so use it as far as possible from these appliances.**
- **Maintain a separate record of the data you saved in Xi/FOMA dual terminal.**
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.

- **Remove the Xi/FOMA dual terminal from the PC when transporting.**
  - Failure to do so, malfunction or damage may result.
- **It is normal for Xi/FOMA dual terminal to become warm during use. Continue to use it.**
- **Take care not to drop the Xi/FOMA dual terminal when removing the Xi/FOMA dual terminal from the carrying case.**
- **When it is not in use, keep the FOMA terminal in its carrying case to keep the connector contacts clean.**
  - If the jack is dirty, the contact may become poor.
- **When putting the Xi/FOMA dual terminal in carrying case, keep it away from wet or high temperature place. Pay attention not to put excessive force on the Xi/FOMA dual terminal.**
  - Transformation and tarnish may result.

◆ UIM

- **Do not use excessive force to install/remove UIM.**
- **Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using UIM with another IC card reader/writer.**
- **Always keep UIM ICs clean.**
- **Clean UIM with a soft, dry cloth (such as a cloth for eyeglasses).**
- **Maintain a separate record of the data you saved in UIM.**
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **To preserve the environment, bring the old UIM to a sales outlet such as docomo Shop.**
- **Take care not to scratch, touch accidentally or short IC.**
  - May cause data loss or malfunction.
- **Do not drop UIM or subject it to shocks.**
  - May cause malfunction.
- **Do not bend UIM or place heavy objects on it.**
  - May cause malfunction.
- **Do not install UIM into Xi/FOMA dual terminal with a label or sticker put on.**
  - May cause malfunction.