NTT docomo

F-02D

docomo STYLE series

Thank you for purchasing "docomo STYLE series F-02D" mobile terminal.

Before using F-02D, read this manual to ensure safe use and handling.

About manuals for F-02D

The operations of F-02D are described in this manual, "使いかたガイド (Guide)" (installed in FOMA terminal) and "Instruction manual (detailed version)" (in pdf format).

Instruction manual (this manual)	This manual provides information about screens and operations of basic functions.
"使いかたガイド (Guide) "(installed in FOMA terminal)	This guide provides overviews and operations of frequently-used functions. (In Japanese only) In F-02D Stand-by display, MENU ▶ 6 Tool ▶ # Guide ▶ Select a search method
"Instruction manual (detailed version)" (in pdf format)	This manual provides detailed information and operations of all the functions. (In Japanese only) <From a PC> This manual can be downloaded from NTT DOCOMO website. http://www.nttdocomo.co.jp/support/trouble/manual/download/index.html * The URL and contents are subject to change without prior notice.

- In this "F-02D INSTRUCTION MANUAL", "F-02D" mobile terminal is usually referred to as "FOMA terminal".
- The images or illustration used in this manual are examples. They may differ from the actual displays.
- The images used in this manual assume that Kisekae Tool is set to "White" and Color theme setting is set to "White".
- In this manual, "authenticate" indicates the operating procedure for entering the terminal security code in 4-8 digits (⇒P40) or performing fingerprint authentication.

Basic package

| F-02D (including Back Cover F64 and warranty) | Battery Pack F22 | Desktop Holder F33 | Instruction manual | 電子辞書データ DVD (Electronic dictionary data DVD) (Sample) |

Compatible options⇒P116

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

Contents

FOMA terminal

- F-02D supports W-CDMA, GSM/GPRS, Wireless LAN System.
- Because your FOMA terminal uses wireless transmission, it may not function in locations where it is difficult for radio waves to penetrate, such as tunnels, underground passages and some buildings, in areas where radio waves are weak, or out of service area. Even when you are high up in a tall building or condominium and nothing blocks your view outside, your FOMA terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when the signal meter on your FOMA terminal indicates there are strong radio waves and you are not moving (traveling).
- Because your FOMA terminal uses radio waves to communicate, it is possible that a third party may attempt to tap your calls. However, the W-CDMA, GSM/GPRS automatically applies a confidential communication function to all calls, so even if a third party could somehow tap a call, they only hear noise.
- Your FOMA terminal encodes voice communication as digital data. When you are operating your FOMA terminal while moving to a location subject to weaker radio wave conditions, the transmitted digital data may not be correctly decoded and as a result the decoded voice may differ somewhat from the actual voice.
- Maintain a separate record of the data (Phonebook, Schedule, Memo, Recorded messages, Voice memos, Moving picture memos, etc.) you registered in your FOMA terminal. Note that DOCOMO assumes no responsibility for any loss of saved contents of data resulting from malfunction, repair, changing of the model or other handling of FOMA terminal.
- You are recommended to save important data to microSD card. Using DOCOMO keitai datalink, you can transfer and save phonebook, mail, schedule and other data to a PC.
- The user hereby agrees that the user shall be solely responsible for the result of the use of SSL/TLS. Neither DOCOMO nor the certifier as listed herein makes any representation and warranty as for the security in the use of SSL/TLS. If the data should be erased, DOCOMO assumes no responsibility for the loss of any data.
  Certifier : VeriSign Japan K.K., Cybertrust Japan Co., Ltd., GlobalSign K.K., RSA Security Japan Ltd., SECOM Trust Systems Co., Ltd., Comodo CA Ltd., Entrust, Inc., Go Daddy, Inc.
- This FOMA terminal supports FOMA Plus-Area and FOMA HIGH-SPEED Area.

■ **SIM unlock**

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

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

What you can do with F-02D

Waterproofness/Dustproofness `21`

Waterproofness of IPX5 and IPX8 and dustproofness of IP5X are provided by firmly closing the external connection jack cap and installing the back cover in a locked state.

MyFACE `31`

You can pin up to 12 MyFACEs on the stand-by screen (portrait view) and flick from side to side to switch them one after another.

Voice quick start `33`

Just speaking a keyword of function you want to use activates the function. It is useful when you do not know where is a desired function in the menu or when you want to activate the function immediately. (In Japanese only)

使いかたガイド (Guide) `33`

Without the instruction manual at your hand, you can check readily the operations of function. (In Japanese only)

eco mode `39`

The eco mode allows you to save the battery power by adjusting the display backlight, etc. And you can set to automatically switch eco mode to ON according to the battery level.

Koe-no-Takuhaibin `60`

Koe-no-Takuhaibin takes voice messages using voice call and notifies existence of message to the party by SMS. And notify you by SMS when the party plays a message. You can record and play messages as easily as you make a call.

Smart Browser `75`

WebKit, adopted by Smartphone etc., enables to view contents on the Internet comfortably by touch operation.

AUTO-GPS `79`

The AUTO-GPS function provides you useful services that deliver information about the weather or shops around where you are, or sightseeing information. (In Japanese only) You can also enjoy a game using your location or the distance you moved.

High functionality camera `83`

Camera offers approximately 16,3 million pixels (effective pixels) and high functionality such as HDR (High Dynamic Range) synthesis, Art camera function, etc., which enable to shoot 3D still images and Full HD moving pictures. You can also view images on wide-screen by connecting the FOMA terminal to a TV with HDMI cable.

i-concier `94`

It is a service that Machi-chara (a character on the stand-by display) supports your life like a butler or concierge. It stores your various information (area of residence, memo, schedule, ToruCa, phonebook, etc.) and offers you information that matches contents of Memo or Schedule, your living area or current location, or preferences and interest at the right time. (In Japanese only)

Wi-Fi `97`

You can perform Internet connection with connecting the access point for home network or Public wireless LAN service (Client mode), and use the FOMA terminal as access point (Base unit) of Wi-Fi to enjoy a versus game etc. on Wi-Fi device (Sub unit).

Introduction

Part names and functions

Part names of F-02D and major functions assigned to each part are as follows.

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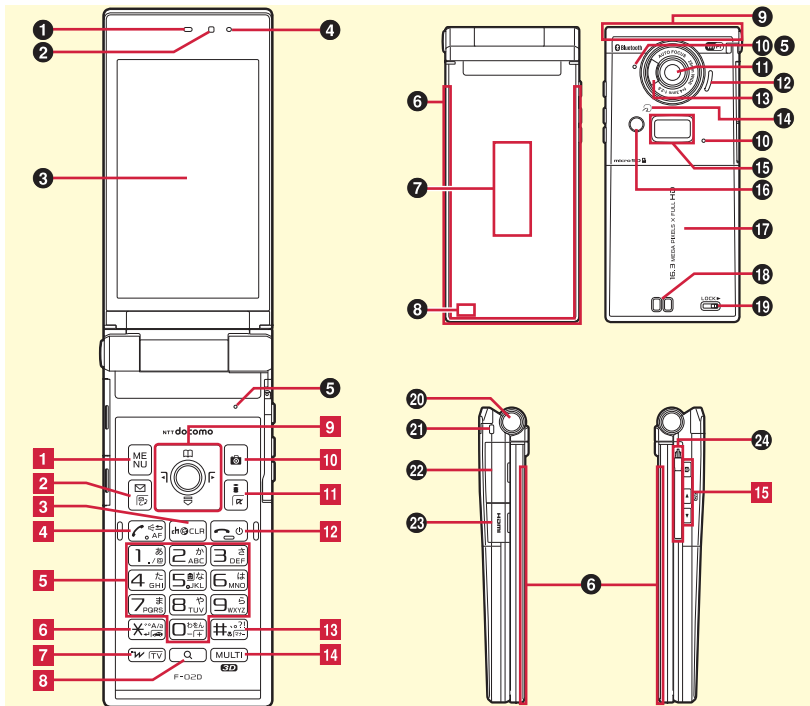
To use the function with *, press the key for 1 second or more.

❶ **Earpiece**
❷ **Light sensor for sensing the ambient lightness to adjust the brightness of the display**
❸ **Display (Touch panel)**
❹ **Temperature/Humidity sensor**
❺ **Microphone**
❻ **Light that turns on when receiving a call or message or while charging**
❼ **Sub-display**
❽ **GPS antenna is built-in**
   Covering around the antenna by the hand may affect the quality.
❾ **FOMA antenna is built-in**
   Covering around the antenna by the hand may affect the quality.
❿ **Back side microphone for Movie shooting or Voice recorder**
⓫ **Camera**
⓬ **Speaker**
⓭ **Infrared data port for infrared communication or infrared remote control function**
⓮ **⌂ mark for placing over IC card reader for Osaifu-Keitai and iC transmission**
⓯ **Fingerprint sensor for registering fingerprint and authentication**
⓰ **Light/Shooting light**
⓱ **Back cover**
   To access miniUIM slot and the microSD card slot, remove the back cover and the battery pack.
⓲ **Charging jack**
⓳ **Back cover lever**
⓴ **Open assist button**
㉑ **Strap opening**
㉒ **External connection jack for charger, earphone, etc.**
㉓ **HDMI jack (type D)**
㉔ **1Seg antenna used for 1Seg watching**

1 `MENU` Display the menu
2 `⌷` Display the mail menu, switch text input modes or check new mail/message*
3 `CLR` Display i-Channel or return to the previous screen
4 `⌕` Start voice call, switch to hands-free call or perform quick voice activation*
5 `0` - `9` Enter phone number or characters, or select menu item, perform function assigned to shortcut (eco mode ON/OFF is assigned to `5` by default)*
6 `✳` Enter "*" or voiced/semi-voiced sound, or start/cancel Public mode (Drive mode)*
7 `i☰☰` Start/Exit i-Widget, or start 1Seg*
8 `🔍` (Search key) Activate Quick search/Shabette-Kensaku*
9 `✚` (Multi-cursor key) Move the cursor
   `●` Perform an operation
   `⌃` Display Phonebook, adjust sound volume or add a phonebook entry.*
   `⌄` Display shortcuts list or adjust sound volume.
   `◁` Display MyFACE, switch screen or display Received calls when MyFACE usage setting is "OFF"
   `▷` Display MyFACE, switch screen or display Redial when MyFACE usage setting is "OFF", activate/deactivate IC card lock*

10 📷 **Start the still camera shooting**
11 i⍺ **Display iMenu or i-αppli folder**[*]
12 ☎ **Exit a running function, or turn ON/OFF the FOMA terminal by pressing for 2 seconds or more**
13 ✽ **Enter "#" or punctuation, or start/cancel Silent mode**[*]
14 MULTI **(Multitask key) Start another function during a call or operation, or switch between 3D and 2D**[*]
15 **(Side key) Light sub-display, switch display**
📷 (Side camera key) Activate movie shooting, record video during 1Seg watching[*]
▲▼ Adjusting volume
▲ stops ring alert, alarm, vibrator or activate quick message[*], activate voice/video memo[*], ▼ conducts mail/message inquiry[*], etc.

Connection of Stereo Earphone Set 01 (Optional) for external connection jack
* AC adapter uses a common jack.

Stereo Earphone Set 01

AC adapter

External connection jack
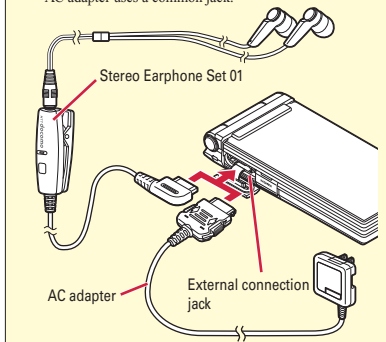
Usage styles

There are 3 styles for use : "Closed style" allows you to get information from the sub-display such as time, received calls, "Opened style" is compatible with key operation and touch operation, and "Flip style" is dedicated to the touch operation.

Easily open using Open assist button

Closed style

Open style

Rotate 180° clockwise and close

Flip style
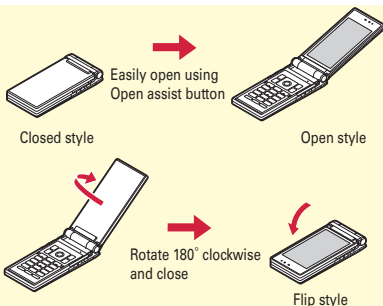
⬤ Point

- Make sure to hold the FOMA terminal when operating the open assist button. And when opening, be careful not to hit the FOMA terminal to your face, someone or something, or not to drop the terminal with its rebound.
- Do not rotate the display by 180 degrees or more clockwise or by 90 degrees or more counter clockwise. When rotating, be careful not to hit the corner of the display against the face of the keypad.
- When you carry the FOMA terminal in the close style, press and hold MENU for 1 second or more to activate Side key hold for preventing from erroneous side key operation. When you carry the FOMA terminal in flip style, make Display off lock setting in Auto-key lock to avoid erroneous touch panel operation and save battery consumption.

Precautions (Always follow these directions)

- Before using your FOMA 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 wet hands	This symbol denotes that using the phone or its components with wet hands is not allowed.
🚫 No liquids	This symbol denotes that using the phone or its components in a bathroom or other highly humid area is not allowed.

❗ Do	This symbol denotes that an instruction must be obeyed at all times.
⊷ Unplug	This symbol denotes that the equipment should be unplugged.

■**Precautions contain the description below.**

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Handling FOMA terminal, battery pack, adapter, desktop holder and miniUIM (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.
For waterproofness, refer to the page.⇒P21

Use the battery pack and adapter specified by NTT DOCOMO for your FOMA terminal.
Do
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 charging jack or external connection jack. Do not put those materials inside the terminal.
Don't
May cause fire, burns, injuries, electric shock.

Do not cover or wrap the terminal with a blanket, etc while using or charging.
Don't
May cause fire or burns.

Turn FOMA terminal OFF and stop charging before entering a place such as a gas station where flammable gases are generated.
Do
The gas may catch fire.
When using Osaifu-Keitai in a place as a gas station, turn OFF the terminal before using it. (When IC card lock is activated, deactivate it before turning OFF the terminal.)

If the equipment starts giving off a strange smell, overheats, becomes discolored or deformed during use, charging or in storage, immediately perform the following operations.
Do
• Remove the power plug from the wall outlet or cigarette lighter socket.
• Turn FOMA terminal OFF.
• Remove the battery pack from FOMA terminal.
May cause fire, burns, injuries, electric shock.

⚠CAUTION

Do not leave the equipment on unstable or sloping surfaces.
Don't
May cause injuries.

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

	Be careful especially when using FOMA terminal connected to the adapter continuously for a long time.
Do	If you use i-αppli, a videophone call or 1Seg watching while charging the battery for a long time, FOMA terminal, battery pack and adapter may be heated. Directly touching a hot part for a long time, you may have redness, itching or rash on your skin, or it may result in low-temperature burns depending on your constitution and/or health condition.

Handling FOMA terminal

⚠️WARNING

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

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

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

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

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

	Turn FOMA terminal OFF in areas where use is prohibited, such as in airplanes and hospitals.
Do	May cause electronic equipment or electronic medical equipment to fail or malfunction. If the function which automatically turns the power ON is set, cancel the setting before turning the power OFF. When using the phone in a medical facility, be sure to observe the regulations of the facility. If you do prohibited act such as using the phone in an airplane, you will be punished according to law. If usage of mobile phones in an aircraft is admitted by setting airplane mode, etc., use the terminal under the direction of the airline.

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When you talk by setting handsfree or ring alert is sounding, keep FOMA terminal away from your ear.
And, when connecting the earphone/microphone etc. to the FOMA terminal and play a game or music, adjust the volume moderately.
Do

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

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

May cause harmful effect on heart.

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

May cause harmful effect on electronic medical equipment etc.

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

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

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

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

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

May cause hearing defect.

⚠CAUTION

Do not swing FOMA terminal by antenna or its strap.
Don't

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

Do not use damaged FOMA terminal.
Don't

May cause fire, burns, injuries, electric shock.

When using the motion sensor, check the safety around you, hold FOMA terminal firmly, and do not shake it unnecessarily.
Don't

May cause accident such as injuries.

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

Don't

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

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

Do

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 (P15)"

Do

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

Do

May cause accident such as injuries.

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

Do

May reduce visual acuity.

Handling battery pack

■**Check that the battery type matches the type displayed on the battery pack label.**

Display	Battery type
Li-ion 00	Li-ion battery

⚠DANGER

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

Don't

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

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

Don't

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

Do not throw the battery pack into the fire.

Don't

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

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

Don't

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

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

Do

May cause loss of sight.

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⚠WARNING

🚫 Don't
If the battery pack seems to have abnormalities such as deformation or scratches due to falling, never use it.
May cause battery pack to ignite, burst, heat or leak.

❗ Do
If the battery pack leaks or gives off a strange smell, immediately remove it from the vicinity of open flames.
The vapors from leaking battery pack fluid may ignite or explode.

❗ Do
Be careful not to let your pet bite the battery pack.
May cause battery pack to ignite, burst, heat or leak.

⚠CAUTION

🚫 Don't
Do not discard old battery packs together with other garbage.
May cause igniting or environmental destruction. Tape the terminals of old battery packs to insulate them, and then bring them into a sales outlet such as docomo Shop. If your local municipality has a battery recycling program, dispose of them as provided for.

🚫 Don't
Do not use or charge a wet battery pack.
May cause battery pack to ignite, burst, heat or leak.

❗ Do
If fluid etc. leaks out from the battery pack, do not make the fluid contact with your skin of face or hands.
May cause loss of sight or skin problems.
If the fluid etc. put into your eyes or mouth, or contacts skin or clothes, immediately flush the contacted area with clean water.
If the fluid put into the eyes or mouth, immediately see a doctor after flushing.

Handling adapter and desktop holder

⚠WARNING

🚫 Don't
Do not use the adapter cord if it gets damaged.
May cause fire, burns, electric shock.

🚫 Don't
Do not use the AC adapter or desktop holder in a bathroom or other highly humid area.
May cause fire, burns, electric shock.

🚫 Don't
Always use the DC adapter with a negative-ground vehicle. Do not plug it into a positive-ground vehicle.
May cause fire, burns, electric shock.

🚫 Don't
When it starts to thunder, do not touch adapter.
May cause electric shock.

🚫 Don't
Do not short the charging jack while it is connected to the outlet or cigarette lighter socket. Do not touch the charging jack with a part of your body such as your hand or finger.
May cause fire, burns, electric shock.

🚫 Don't
Do not place heavy objects on the adapter cord.
May cause fire, burns, electric shock.

🚫 Don't
When you insert and remove AC adapter from power outlet, do not contact a metal strap or other metal objects with the jack.
May cause fire, burns, electric shock.

Do not touch the adapter cord, desktop holder or outlet with wet hands.
No wet hands
May cause fire, burns, electric shock.

Only use with the specified power source and voltage.
When charging FOMA terminal overseas, use AC Adapter for global use.
Do
If incorrect voltage is used, this may cause fire, burns or electric shock.
AC adapter : AC100V
DC adapter : 12 or 24V DC (specific for negative ground vehicle)
AC adapter for global use : Between 100V and 240V AC (Connect to the AC outlet for internal household use)

If the DC adapter's fuse blows, replace it only with the specified fuse.
Do
May cause fire, burns, electric shock. For the specified fuse, see the instructions that come with the DC adapter.

Wipe off any dust that accumulates on the power plug.
Do
May cause fire, burns, electric shock.

When you connect the AC adapter to an outlet, firmly connect to the outlet.
Do
May cause fire, burns, electric shock.

When you disconnect the power plug from the outlet or cigarette lighter socket, do not pull the adapter cord with excessive force. Instead, hold the adapter to disconnect.
Do
May cause fire, burns, electric shock.

Always remove the power plug from the outlet or cigarette lighter when not using the adapter for an extended period.
Unplug
May cause fire, burns, electric shock.

Immediately remove the power plug from the outlet or cigarette lighter socket if water or other fluids get into the adapter.
Unplug
May cause fire, burns, electric shock.

Always remove the power plug from the cigarette lighter socket when cleaning the equipment.
Unplug
May cause fire, burns, electric shock.

Handling miniUIM

⚠CAUTION

Be careful of the cut surface when removing miniUIM.
Do
May cause injuries.

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Handling mobile phones near electronic medical equipment

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

⚠ WARNING

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

Do
Turn FOMA terminal OFF in crowded trains or other public places where pacemaker or defibrillator wearers could be nearby.
FOMA terminal's signals may affect the operation of implanted pacemakers or defibrillators, and other devices.

Do
Wearers of implanted pacemakers or defibrillators must carry and use FOMA terminal at least 22 cm away from the implanted device.
FOMA terminal's signals may affect the operation of implanted pacemakers or defibrillators, and other devices.

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.
FOMA terminal's signals may affect the performance of electronic medical equipment.

Viewing 3D images

⚠ CAUTION

Don't
Do not view 3D images if you have a past illness of photosensitivity, heart illness, feeling of unwellness, sleep shortage, fatigue or drunk.
May cause symptomatic worsening.

Do
Stop using the terminal if you see double or do not feel stereoscopic effect while viewing 3D images.
May cause eyestrain.

Do
Stop using the terminal if you feel any abnormality such as fatigue or discomfort (symptom similar to carsickness, etc.) while viewing 3D images.
May cause symptomatic worsening. Take a proper break.
Be careful especially under circumstance in which the screen shakes easily such as in a train, car, etc.

Do
The qualifying age of viewing 3D images is 7 and over.
Children's reaction to fatigue or discomfort is hard to notice, so that they may suddenly become sick.
Children viewing 3D images should be attended by a guardian and alerted to eyestrain.

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> **(!)** **When viewing 3D images, take a proper break every half hour of watching.**
> Do   Long-time viewing may cause eyestrain.

> **(!)** **When viewing 3D images, watch the screen straight ahead at a distance of approximately 30 cm.**
> Do   May cause eyestrain.

Material list

Part		Material	Surface treatment
Exterior case	Movable part Sub-Display	PC+ABS resin	UV hard coating
	Movable part Display	PA-GF resin	UV hard coating
	Fixed part Keypad	PA-GF resin	UV hard coating
	Fixed part Battery	PC+ABS resin	UV hard coating
	Hinge section Movable side	PC+ABS resin	UV hard coating
	Hinge section Fixed side	PC+ABS resin	UV hard coating
	Back cover	PC+ABS resin, stainless steel, silicon rubber (VMQ)	UV hard coating
	Back cover lock lever	POM resin	None
	Inner plate of back cover	Stainless steel	None
Case pad		Urethane acrylate resin	None
Display panel		Acrylate resin+PET sheet	None
Sub-display panel		Acrylate resin	UV hard coating
Camera lens, camera panel		Acrylate resin	UV hard coating

Part		Material	Surface treatment
Side keys		PC resin	UV hard coating
Keypad		Urethane acrylate resin	UV hard coating
Open assist button		PC resin	UV hard coating
External connection jack cap	Body	PC+ABS resin	UV hard coating
	Flexure	Elastomer resin (TPE)	None
	Water stop	PC resin	None
	O ring	Synthetic rubber (EPDM)	None
External connection jack		Stainless steel	Tin plating
Battery contacts	Battery contacts connector	PPS resin	None
	Battery contacts	Beryllium copper	Gold plating (base : Ni-Pd plating)
Screw (battery install recess)		Stainless steel	None
Battery install recess face		PC board	Gold plating
Battery pack	Battery pack	PC resin	None
	Contacts	Beryllium copper	Gold plating
Charging jack	Contacts	Stainless steel	Gold plating
	Attaching holder section	LCP resin	None
1Seg antenna	Top section	Stainless steel	None
	Middle section	Stainless steel	None
	Bottom section	Stainless steel	Ni plating
Fingerprint sensor		Flexible PC board	None

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Handling precautions

General

- **F-02D is waterproof/dustproof, however, do not allow water to seep into FOMA terminal and do not allow accessories or optional devices to get wet or let dust attach.**
  - Battery pack, adapter, desktop holder, miniUIM 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 FOMA terminal with a dry soft cloth (such as a cloth for eyeglasses).**
  - Rubbing it roughly with a dry cloth may scratch the display.
  - Drops of water or dirt left on the display may cause stains.
  - If FOMA terminal is wiped with alcohol, paint thinner, benzine or detergent, the printing may disappear or color may fade.
- **Clean the jack occasionally with a dry cotton swab etc.**
  - If the jack is soiled, connection gets worse and it may cause power to be turned off or insufficient battery charge, so clean the jack with a dry cotton swab etc. Also, be careful never to damage the jack when cleaning it.
- **Do not place FOMA terminal near an air-conditioner outlet.**
  - The rapid change in temperature may cause condensation, causing internal corrosion and malfunction.

- **When using, be careful not to subject excessive force to FOMA terminal or the battery.**
  - If FOMA terminal is crammed into a brimming bag or placed in a pocket and sat on, display, internal PCBs or battery pack may be damaged or malfunction. And, if external devices are plugged into the external connection jack (earphone/microphone jack), the breakage of the connector or malfunction may result.
- **Do not rub or scrape the display with a metal piece etc.**
  - May scratch the display, causing malfunction or damage.
- **Carefully read the separate instructions that come with the battery pack and adapter.**

FOMA terminal

- **Do not press the surface of the touch panel strongly or operate it with sharp objects such as a nail, a ballpoint pen and a pin.**
  - It may damage the touch panel.
- **Avoid extreme temperature.**
  - Use FOMA terminal where the temperature ranges between 5 and 40℃ (limited to the temporary use in a bathroom etc. when temperature is above 36℃) and humidity ranges between 45 and 85%.
- **FOMA terminal may affect land-line phones, TVs or radios in use nearby, so use it as far as possible from these appliances.**
- **Maintain a separate record of the data you saved in your FOMA terminal.**
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **Do not drop FOMA terminal or subject it to shocks.**
  - May cause malfunction or damage.
- **Do not plug external devices into the external connection jack (earphone/microphone jack) at a slant, or do not pull it forcibly while it is plugged.**
  - May cause malfunction or damage.
- **Do not close FOMA terminal with the strap etc. held inside.**
  - May cause malfunction or damage.

- **It is normal for FOMA terminal to become warm during use or charging. Continue to use it.**
- **Do not leave FOMA terminal with the camera in areas under strong direct sunlight.**
  - May cause discoloring or burn-in of elements.
- **Use FOMA terminal with the external connection jack cap closed.**
  - Dust and/or water brought into FOMA terminal cause troubles.
- **Do not use FOMA terminal with the back cover removed.**
  - May cause removal of battery pack, malfunction or damage.
- **Do not put extreme thick sticker on the display or keypad face.**
  - May cause malfunction, damage or erroneous operation.
- **Do not put strong impact on the fingerprint sensor or scratch its surface.**
  - May cause malfunction of fingerprint sensor and disable authentication operation.
- **Clean the fingerprint sensor with a dry soft cloth (such as a cloth for eyeglasses).**
  - If the fingerprint sensor is dirty or water is sit on its surface, the sensor cannot read fingerprints, and it may cause decrease authentication performance or malfunction.
- **While microSD card is being used, do not take the card out and do not turn off FOMA terminal.**
  - May cause data loss or malfunction.
- **Do not bring magnetic cards etc. close to FOMA terminal nor clip it by FOMA terminal.**
  - Magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
- **Do not bring magnetized objects close to FOMA terminal.**
  - Bringing strong magnetism close may cause a malfunction.

Battery pack

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

Adapter

- **Charge the battery in an area within the proper ambient temperature range (5-35℃).**
- **Do not charge the battery in the areas below.**
  - In areas of excessive humidity, dust or vibrations
  - Near land-line phones or TVs/radios
- **It is normal for the adapter to become hot while charging. Continue to use it.**
- **When using the DC adapter for charging, keep the vehicle engine running.**
  - The vehicle's battery could become flat.
- **When using an outlet with a mechanism preventing unplugging, follow the handling instructions for that outlet.**
- **Do not give strong shock. Do not deform the charging jack.**
 - May cause malfunction.

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miniUIM

- **Do not use excessive force to install/remove miniUIM.**
- **Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using miniUIM 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 miniUIM.**
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **To preserve the environment, bring the old miniUIM 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 miniUIM or subject it to shocks.**
  - May cause malfunction.
- **Do not bend miniUIM or place heavy objects on it.**
  - May cause malfunction.
- **Do not install miniUIM into FOMA terminal with a label or sticker put on.**
  - May cause malfunction.

Bluetooth® devices

- **This FOMA terminal is equipped with the security features, that are compliant with Bluetooth standards for communication via Bluetooth. However, depending on the settings, there may not be enough security. Be aware of security risks when using Bluetooth.**
- **DOCOMO assumes no responsibility for any information which may be leaked during communication via Bluetooth.**
- **You can use headset, handsfree, audio, keyboard, dial-up connection, data transfer, serial port, image transfer or health devices with FOMA terminal. An audio/video remote control may be available with an audio device (only Bluetooth compatible devices).**

- **Frequency bands**
  Frequency bands used by FOMA terminal Bluetooth function are as below.
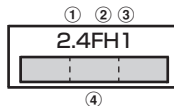
①2.4 : Radio equipment that uses the 2400 MHz band.
②FH : The modulation is the FH-SS method.
③1 : The expected interference distance is 10 m or shorter.
④ : All bandwidths between 2400 MHz and 2483.5 MHz are used, and the bandwidth used by mobile object identification devices cannot be avoided.

Cautions on using Bluetooth devices
In the bandwidth used by this terminal, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations used to identify mobile objects used in production lines of a factory that require a license, specified low power radio stations, or amateur radio stations that do not require a license (hereafter "other radio stations") can be in operation.
1. Before using this terminal, check whether other radio stations are in operation in your neighborhood.
2. If radio wave interference occurs between the terminal and "other radio stations", use the terminal in a different location or "Turn the power OFF" to avoid the radio wave interference.
3. For details, contact "General Inquiries" on the last page of this manual.

Wireless LAN (WLAN)

- **Wireless LAN (WLAN) exchanges information using radio waves, and allows you to freely establish LAN connection if you are within an area where radio wave reaches. On the other side, if you communicate without appropriate security settings, communications may be intercepted or hacked by malicious parties. It is recommended to make necessary security settings on your judgement and responsibility.**
- **Wireless LAN**
  Do not use Wireless LAN in a place where magnetized by electric products, AV, OA equipment, etc. or where electromagnetic wave is generated.
  - If magnetism or electrostatic noise affects FOMA terminal, noise may be increased or communication may not be available (especially when using microwave oven, it may affect the terminal).
  - Using near TV or radio may cause poor reception or TV screen may be blurred.
  - When multiple wireless LAN access points exist near FOMA terminal and they use the same channel, search may not be performed correctly.
- **Frequency bands**
  Frequency bands for WLAN devices are written on battery pack insert section of phone. Label description are as follows.

```
 ①   ②    ③ ④
 2.4DS/OF4
 ☐☐☐   ☐☐☐   ☐☐☐
         ⑤
```
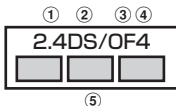
① 2.4 : Radio equipment that uses the 2400 MHz band.
② DS : The modulation is the DS-SS method.
③ OF : The modulation is the OFDM method.
④ 4 : The expected interference distance is 40 m or shorter.
⑤ ☐☐☐☐ : All bandwidths between 2400 MHz and 2483.5 MHz are used, and the bandwidth used by mobile object identification devices can be avoided.

Available channel varies by countries. To use WLAN overseas, check the conditions such as available frequency, regulation, etc. for the country.
To use in airplane, confirm with airline company in advance.

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Cautions on using 2.4GHz devices
In the bandwidth used by WLAN devices, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations for identification of mobile objects used in production lines of a factory (a license is required), specified low power radio stations (a license is not required), or amateur radio stations (a license is required) can be in operation.
1. Before using this device, confirm that in-plant radio stations for identification of mobile objects, specified low power radio stations or amateur radio stations are not in operation in your neighborhood.
2. If this device generates harmful radio wave interference against in-plant radio stations for identification of mobile objects, change the using frequency promptly or stop using wireless LAN function, and contact "General Inquiries" on the last page of this manual, then consult about treatment for prevention of the interference (for example, installation of partitions etc.).
3. If this device generates harmful radio wave interference against in-plant radio stations for identification of mobile objects or amateur radio stations, or if any trouble, contact "General Inquiries" on the last page of this manual.

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Introduction

FeliCa reader/writer

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

FM transmitter

- **FM transmitter of FOMA terminal uses weak waves requiring no licenses for radio stations.**
- **It uses 77.4 - 85.0MHz frequency band. To use it, set frequency not to common to FM radio station of the area you use to avoid affecting FM radio users in neighborhood.**

CAUTION

- **Do not use a remodeled FOMA terminal. Using a remodeled terminal violates the Radio Law.**
  FOMA terminal is certified according to technical standard conformance of specified wireless equipment based on the Radio Law, and as a proof of it, the "Technical Compliance Mark ⊜" is depicted on the engraved sticker of FOMA terminal.
  If you remodel FOMA terminal by removing its screws, your certification of technical standard conformance becomes invalid.
  Do not use FOMA terminal with its certification of technical standard conformance invalid as it violates the Radio Law.
- **Be careful when you use FOMA terminal while driving a car etc.**
  Using a mobile phone while driving is subject to penal regulations.
  However, absolutely necessary cases such as rescue of a sick person or maintaining public's safety are exempted.

- **Use the Bluetooth function only in Japan.**
  The Bluetooth function of the FOMA terminal is compliant with wireless standards and is authorized for use only in Japan.
  If you use this function overseas, you may be punished.
- **Use FeliCa reader/writer function only in Japan.**
  FeliCa reader/writer function of FOMA terminal conforms to Japanese radio standards.
  If you use this function overseas, you may be punished.
- **Use FM transmitter only in Japan.**
  FM transmitter of FOMA terminal is compliant with wireless standards and is authorized for use only in Japan.
  If you use this function overseas, you may be punished.

Viewing 3D images

- **There are differences in feeling of stereoscopic effect of 3D images among individuals.**
- **When viewing 3D images, keep the display parallel to both eyes.**