



F-01D

INSTRUCTION MANUAL '11.9

Introduction

Thank you for purchasing "F-01D" mobile terminal. Before using your Xi terminal, or when necessary, read this manual to ensure safe use and handling.

Before using the Xi terminal

- F-01D supports LTE, W-CDMA, GSM/GPRS, Wireless LAN System.
- Because your Xi 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 Xi and FOMA service area. Even when you are high up in a tall building or condominium and nothing blocks your view outside, your Xi terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when the signal status icon on your Xi terminal indicates there are strong radio waves and you are not moving (traveling).
- Your Xi terminal makes wireless communication. When you are operating your Xi 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 received contents may differ somewhat from the actual contents.
- Maintain a separate record of the data (Contacts, Schedule, Memo, etc.) you saved in the Xi 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 the Xi terminal.
- In the Xi terminal, as it is for a PC, some applications that you install may give instability of the operation, or may send your location information or personal information registered to the Xi terminal to outside via the Internet and the information may be used improperly. Please thoroughly check a provider and operation status of the application etc. which you want to use beforehand and then use it.

- You are recommended to save important data to microSD card.
- This Xi terminal supports Xi Area, FOMA Plus-Area and FOMA HIGH-SPEED Area.
- Descriptions in this manual are for the Xi terminal with a DOCOMO's miniUIM inserted.

SIM unlock

This Xi 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.

About manuals for F-01D

"Quick Start Guide" (in Japanese only)

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

"Instruction Manual" (installed in Xi terminal)

This manual provides information and operations of all the functions. (In Japanese only)
In the Applications menu, [Instruction Manual]→Select a search method

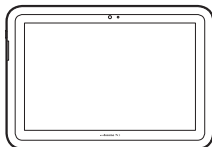
"Instruction manual" (PDF file)

This manual provides information and operations of all the functions.
(From PC) <http://www.nttdocomo.co.jp/support/trouble/manual/download/index.html>
*You can download the latest information.

Accessories and main options

<F-01D and included accessories>

F-01D (including warranty)



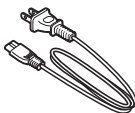
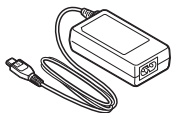
Quick start guide
(Japanese)



電子辞書データ DVD
(Electronic dictionary
data DVD) (Sample)



AC Adapter F05



Desktop Holder F35



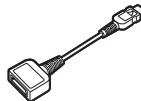
USB Cable for PC
connection T01



Desktop Holder F35 is
made of recycled ABS
from used products.

<Main options>

FOMA charging microUSB adapter T01



FOMA AC adapter 01/02



Other options → P115

- In this manual, "F-01D" mobile terminal is usually referred to as "Xi terminal".
- The images or illustration used in this manual are examples. They may differ from the actual displays.
- In this manual, "authenticate" indicates the operating procedure for entering the terminal security code in 4-8 digits (→ P44).
- Unauthorized copying of parts of or this entire manual is prohibited.
- The contents in this manual, URL and contents are subject to change without prior notice.

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Important precautions on using F-01D



- The Xi terminal does not support i-mode sites (programs) or i- α ppli.
- Google applications and service contents are subject to change without prior notice.
- The Xi terminal automatically performs communication for some functions, for example, to synchronize data, check the latest software, maintain connection with the server, etc. If you transmit a large amount of data such as downloading applications or watching moving picture, a packet communication charge becomes high. Subscription of packet flat-rate service is highly recommended.
- Setting the Xi terminal to manner mode does not mute sounds (playback of moving picture or music, alarm, etc.) other than the ringtone, operation sound, and notification sounds.
- The software on the Xi terminal can be updated with the latest information. →P119
- Improving the Xi terminal's quality or upgrading operation system may be included in the software update. And some applications used in the previous version may not be available or some unintended bugs may occur after software update.
- When the memory space of the microSD card or Xi terminal is almost full, running application may not operate normally. In this case, delete saved data.
- Set the screen lock password to ensure the security of your Xi terminal for its loss. →P46
- For the information on the services provided by Google, refer to the terms of use for Google Inc. And for the details on other web services, read terms of use for each service.
- If you use a UIM (blue), you cannot use the Xi terminal overseas. If you have a UIM (blue), bring it to a docomo Shop to replace.
- If your Xi terminal is lost, change your each account password using a PC to prevent other persons from using Google services such as Google Talk, Gmail, Android Market, etc., or Twitter, Facebook, mixi, etc.
- The Xi terminal supports only sp-mode, mopera U and Business mopera Internet (VPN setting is limited only to PPTP). Other providers are not supported.
- To use Wi-Fi hotspot, a subscription to sp-mode is required.
- When using Wi-Fi hotspot, packet communication charges may become high. Subscription of packet flat-rate service is highly recommended.
- If you use packet flat-rate service, when Wi-Fi hotspot is enabled, all packet communications including browser and mail, etc. become "communications by connecting to an external device such as a PC", even when any Wi-Fi device is not connected. Be sure to disable Wi-Fi hotspot after use.
- For details on usage fee, refer to <http://www.nttdocomo.co.jp/>.





Precautions (Always follow these directions)

- Before using your Xi 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 the the Xi terminal, adapter, desktop holder and miniUIM (common)

 DANGER	
 Don't	Do not use, store, or leave the equipment in hot areas such as near flames or in areas under strong direct sunlight such as inside a vehicle. May cause fire, burns or injuries.
 Don't	Do not put the terminal into heating cooking device such as microwave oven or high-pressure container. May cause fire, burns, injuries, 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. →P16



Use the adapter specified by NTT DOCOMO for your Xi 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.

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 the Xi terminal OFF and stop charging before entering a place such as a gas station where flammable gases are generated.

The gas may catch fire.



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

- Remove the power plug from the wall outlet or cigarette lighter socket.
- Turn the Xi terminal OFF.

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.

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 the Xi terminal connected to the adapter continuously for a long time.

If you use applications, etc. while charging for a long time, the Xi terminal 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 the Xi terminal

DANGER



Don't

Do not throw the battery pack into the fire.

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



Don't

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

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



Do

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

May cause loss of sight.

WARNING



Don't

Do not put foreign objects such as liquid like water, metal pieces or burnable things into miniUI/M or microSD card slot.

May cause fire, burns, injuries, electric shock.



Do

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

May cause electronic equipment or electronic medical equipment to fail or malfunction.

When using the phone in a medical facility, be sure to observe the regulations of the facility.

If you do prohibited act such as using the phone in an airplane, you will be punished according to law.

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



Do

When ring alert is sounding, etc. keep the Xi terminal away from your ear. And, when connecting the earphone/microphone etc. to the Xi terminal and play a game or music, adjust the volume moderately.

Too loud volume may cause a hearing loss.

And, if you cannot hear the sound around you clearly, it may cause an accident.



Do

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

May cause harmful effect on heart.



Do

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

May cause harmful effect on electronic medical equipment etc.



Do

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

May cause the equipment to fail or malfunction.

* Examples of electronic equipment to avoid.

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

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



Do

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

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



Do

If the internal battery 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.

**CAUTION**

Don't

Do not swing the Xi terminal by the strap, etc.

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



Don't

Do not use damaged the Xi terminal.

May cause fire, burns, injuries, electric shock.



Don't

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

May cause accident such as injuries.



Don't

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

May cause loss of sight or skin problems.

If the liquid 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.



Don't

Do not discard old battery packs together with other garbage.

May cause igniting or environmental destruction. Bring the old terminal into a sales outlet such as docomo Shop. If your local municipality has a recycling program, dispose of terminal as provided for.



Do

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

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



Do

The use of the Xi terminal may cause itching, rashes, eczema, or other symptoms depending on the user's physical condition. If you develop skin problems, stop using the phone immediately, and see a doctor. → "Material list (P11)"



Do

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

May reduce visual acuity.



Do

If fluid etc. leaks out from the internal battery, 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 etc. 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 the AC adapter from power outlet, do not contact a metal strap or other metal objects with the jack.

May cause fire, burns, electric shock.



No wet hands

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

May cause fire, burns, electric shock.



Do

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

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)



Do

If the DC adapter's fuse blows, replace it only with the specified fuse.

May cause fire, burns, electric shock. For the specified fuse, see the instructions that come with the DC adapter.



Do

Wipe off any dust that accumulates on the power plug.

May cause fire, burns, electric shock.



Do

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

May cause fire, burns, electric shock.



Do

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.

May cause fire, burns, electric shock.



Unplug

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

May cause fire, burns, electric shock.



Unplug

Immediately remove the power plug from the outlet or cigarette lighter socket if water or other fluids get into the adapter.

May cause fire, burns, electric shock.



Unplug

Always remove the power plug from the cigarette lighter socket when cleaning the equipment.

May cause fire, burns, electric shock.

◆ Handling miniUIM

⚠ CAUTION



Be careful of the cut surface when removing miniUIM.

Do May cause injuries.

◆ Handling mobile phones near electronic medical equipment

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

⚠ WARNING



Obey the following rules inside medical facilities.

- Do
- Do not bring the Xi terminal into operating rooms (ORs), intensive care units (ICUs) or coronary care units (CCUs).
 - Turn the Xi terminal OFF in hospital wards.
 - Turn the Xi 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.



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

The Xi 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 the Xi terminal at least 22 cm away from the implanted device.

Do

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



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

Do

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

◆ Material list

Part		Material	Surface treatment
Exterior case	Front case	PA+GF resin	UV hard coating
	Back case	PC+ABS resin	UV hard coating
	Back cover	PC-GF resin	UV hard coating
	Inside of back cover	Silicon rubber	None
Display panel		Hardened glass	Shatterproof film
Camera panel		High-strength acrylate resin	UV hard coating
IRDA panel		PMMA resin	UV hard coating
Flash panel		PC resin	None
Keypad	Keypad top	PC resin	UV hard coating
	Keypad guide	PC resin	UV hard coating
	Light shielding sheet	PET	None
	Key rubber	Silicon rubber	None
Power key		PC+ABS resin	UV hard coating
Volume button		PC+ABS resin	UV hard coating
Strap plate		Stainless steel	None

Part		Material	Surface treatment
Strap fixation screw		Stainless steel	None
RF jack cap		Silicon rubber	None
External connection jack cap	Body	PC resin	UV hard coating
	Flexure	Elastomer resin	None
	Water stop	PC resin	None
	Water stop rubber	Silicon rubber	None
External connection jack		Stainless steel	Tin plating
Battery contacts	Body	LCP resin	None
	Contacts	Copper-titanium alloys	Gold 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
miniUIM tray		ABS resin	None

Handling precautions

◆ General

- **F-01D is waterproof, however, do not allow water to seep into the Xi terminal and do not allow accessories or optional devices to get wet.**
 - Adapter, desktop holder, miniUIM are not waterproof. 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 the Xi 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 the Xi terminal is wiped with alcohol, paint thinner, benzene 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 the Xi 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 the Xi terminal, etc.**
 - If the Xi terminal is crammed into a brimming bag, display or internal PCBs 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 adapter.**

◆ Xi 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 the Xi 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%.
- **The Xi 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 the Xi terminal.**
 - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **Do not drop the Xi 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.
- **It is normal for the Xi terminal to become warm during use or charging. Continue to use it.**

- **Do not leave the Xi terminal with the camera in areas under strong direct sunlight.**
 - May cause discoloring or burn-in of elements.
- **Use the Xi terminal with the external connection jack cap and slot cap closed.**
 - Dust and/or water brought into the Xi terminal cause troubles.
- **While microSD card is being used, do not take the card out and do not turn off the Xi terminal.**
 - May cause data loss or malfunction.
- **Do not bring magnetic cards etc. close to Xi terminal.**
 - Magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
- **Do not bring magnetized objects close to the Xi terminal.**
 - Bringing strong magnetism close may cause a malfunction.
- **The internal battery is a consumable part.**
 - Replace the internal battery if the Xi terminal has extremely short operation time on a full charge, though it may vary by operating conditions. For replacement of the internal battery, contact "Repairs" on the last page of the instruction manual (in Japanese only) or a DOCOMO-specified repair office.
- **Charge the battery in an area within the proper ambient temperature range (5-35°C).**
- **The operation time provided by the internal battery varies by the operating environment and internal battery's deterioration.**
- **Be careful especially about the following points when preserving the internal battery.**
 - 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 the Xi terminal)

They may cause the internal battery performance to be degraded or its lifetime to be shortened.

A recommended battery level to keep the battery pack is approximately 40 % of remaining battery level as a guide.

◆ Adapter

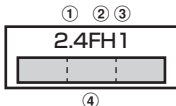
- **Charge the battery in an area within the proper ambient temperature range (5-35°C).**
- **Do not charge the battery in the areas below.**
 - In areas of excessive humidity, dust or vibrations
 - Near land-line phones or TVs/radios
- **It is normal for the adapter to become hot while charging. Continue 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.


◆ 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 the Xi terminal with a label or sticker put on.**
 - May cause malfunction.

◆ Bluetooth devices

- This Xi 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 the communication using the Bluetooth function.
- DOCOMO assumes no responsibility for any information which may be leaked during communication via Bluetooth.
- You can use headset, handsfree, audio, keyboard, data transfer, serial port, image transfer or health devices with the Xi terminal. An audio/video remote control may be available with an audio device (only Bluetooth compatible devices).
- **Frequency bands**
Frequency bands used by the Xi terminal Bluetooth function are as below.



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

Cautions on using Bluetooth devices

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

1. Before using this terminal, check whether other radio stations are in operation in your neighborhood.
2. If radio wave interference occurs between the terminal and "other radio stations", use the terminal in a different location or "Turn the power OFF" to avoid the radio wave interference.
3. For 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.**

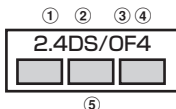
• Wireless LAN

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 the Xi 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 the Xi terminal and they use the same channel, search may not be performed correctly.

• Frequency bands

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



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

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

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

Cautions on using 2.4 GHz 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.

◆ CAUTION

- **Do not use a remodeled Xi terminal. Using a remodeled terminal violates the Radio Law.**

The Xi terminal is certified according to technical standard conformance of specified wireless equipment based on the Radio Law, and as a proof of it, the "Technical Compliance Mark (TM)" is depicted on the engraved sticker of the Xi terminal.

If you remodel the Xi terminal by removing its screws, your certification of technical standard conformance becomes invalid.

Do not use the Xi terminal with its certification of technical standard conformance invalid as it violates the Radio Law.

- **Be careful when you use the Xi 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 Xi terminal is compliant with wireless standards and is authorized for use only in Japan.

If you use this function overseas, you may be punished.

Waterproofness

F-01D provides waterproofness of IPX5*1, IPX7*2 with firmly closing the external connection jack cap and slot cap.

*1 IPX5 means that a terminal keeps functioning after applying a jet flow of 12.5 L/min. from every direction from a distance of approximately 3 m for at least 3 minutes using water nozzle in 6.3 mm inner diameter.

*2 For F-01D, IPX7 means that a terminal keeps functioning after F-01D is slowly submerged to depth of 1.0 m in static tap water at room temperature, left there for 30 minutes and then taken out.

◆ What you can do with waterproofness of F-01D

- **You can communicate without using an umbrella in the rain (for rainfall of 20 mm or less per hour).**

- When your hands or the Xi terminal are wet, avoid opening/closing the external connection jack cap or slot cap.

- **The Xi terminal can be submerged into a pool which has a depth of 1.0 m.**

- Do not operate under water.
- If you put the terminal in water of swimming pool, be sure to have it within 30 minutes.
- If the Xi terminal gets wet with water from the swimming pool, wash it in following procedure and drain water in specified procedure (→P18).

- **You can use the Xi terminal in a bathroom.**

- Do not put the terminal in the bathtub. Do not use the terminal in hot water. May cause malfunction.
- Never put the Xi terminal in hot spring water or water containing soap, detergent or bath powder.

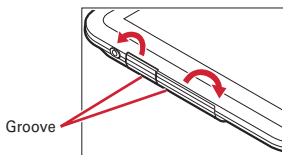
- **You can eliminate the dirt by shaking several times in static water of wash-basin.**

- With pressing and holding the external connection jack cap and slot cap not to open, wash the terminal without using a brush or sponge.

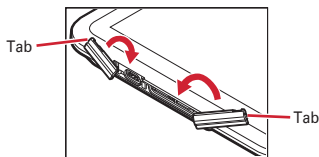
◆ To ensure waterproofness

To avoid water ingress, be sure to observe the following points.

- Do not throw any liquid other than room-temperature tap water on the Xi terminal, or soak it in such liquid.
- When attaching/removing miniUIM or microSD card, or using the external connection jack, pull the cap up with your finger by the groove as shown in the illustration.



After attaching/removing miniUIM or microSD card, using the external connection jack, close the cap as the direction shown in the illustration, and make sure that the cap is completely closed without slack by pushing the tab in.



- Close the connection jack cap and slot cap firmly. Even a fine obstacle (one hair, one grain of sand, tiny fiber, etc.) put between contact surfaces may allow water to enter.
- Do not poke the microphone or speaker with a swab or sharp object.
- Do not let the Xi terminal fall. It may become scratched causing the waterproof performance to degrade.

- The rubber packings of the connection jack cap and the slot cap play important roles for keeping waterproof performance. Do not peel off or damage the rubber packings. Also, prevent dust from adhering to it.

To keep the Xi terminal waterproofness, replacement of parts is required every 2 years regardless of whether the Xi terminal appears normal or abnormal. DOCOMO replaces the parts as a chargeable service. Bring the Xi terminal to a sales outlet such as a DOCOMO-specified repair office.

◆ Important precautions

Do not perform actions shown in the illustrations below.

<Example>



Using Soap/Detergent/
Bath powder



Washing with brush/
sponge



Machine-washing



Applying strong
water flow



Soaking in
ocean water



Using in hot spring



Using sand/mud

Observe the following precautions to use the Xi terminal properly.

- Accessories and optional devices are not waterproof. When playing a moving picture etc. with the Xi terminal installed in the included desktop holder, do not use it in a bathroom, shower room, kitchen or lavatory even if it is not connected to the AC adapter.
- Do not apply water flow stronger than allowed (→P16) (e.g., such water flow that gives you pain when applied to your skin directly from a faucet or shower). F-01D provides IPX5 waterproof performances. However, it causes malfunction.

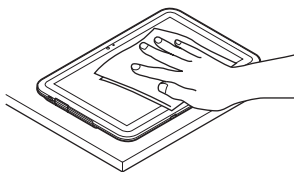
- Do not put the Xi terminal in hot water, use it in a sauna or apply hot airflow (from a hair dryer etc.) to it.
- Do not move the Xi terminal in water or slam the terminal against the surface of water.
- If you put the terminal in tap water or in water of swimming pool, be sure to have it within 30 minutes.
- When you use the terminal in swimming pool, obey rules of the facility.
- The Xi terminal does not float on water.
- Do not leave water on the Xi terminal. May short-circuit the power jacks, or in a cold region, water may freeze causing malfunction.
- Do not leave water on the microphone or speaker. Such water may cause failure.
- If the Xi terminal gets wet with water or other liquids with the external connection jack cap or slot cover open, the liquid may get inside the terminal causing electric shocks or malfunction. Stop using the Xi terminal, turn the power OFF and contact a DOCOMO-specified repair office.
- If the rubber gaskets of the connection jack cap or slot cap is damaged or deformed, replace it at DOCOMO-specified repair office.

DOCOMO does not guarantee actual operations under all states. Malfunctions deemed to be caused by inappropriate operation by the customer are not covered by the warranty.

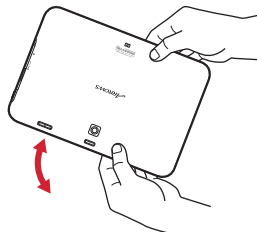
◆ Draining water from the Xi terminal

When the Xi terminal is wet, water may flow out after wiping it off; drain the water in the following steps.

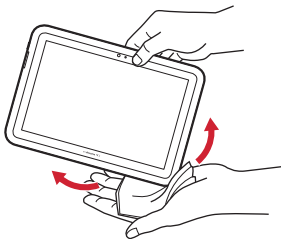
- ① Hold the Xi terminal firmly and wipe off moisture on the Xi terminal surface and back side with dry, clean cloth etc.



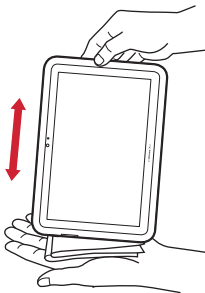
- ② Shake the Xi terminal approximately 10 times, firmly holding its longer edge with your both hands with the display side down, until there is no more water splattering. Rotate 180 degrees around and shake the Xi terminal approximately 10 times, until there is no more water splattering.



- ③ **Swing each corner of the Xi terminal in about 10 times each against dry, clean cloth etc. to wipe off water remaining in the gaps of outer surface.**



- ④ **Swing the Xi terminal in about 10 times against dry, clean cloth etc. to wipe off water remaining in the microphone, speaker, keypad, or charging jack, etc.**



- ⑤ **Wipe off water drained from the Xi terminal with dry, clean cloth etc., and dry naturally.**

- Water, if any, remaining in the Xi terminal may ooze up after wiping off.
- Do not wipe off water remaining in gaps directly with a cotton swab etc.

◆ Charging

Check the following before and after charging.

- Check if the Xi terminal is not wet when charging. Never try to charge the battery when the Xi terminal is wet.
- Accessories and optional devices are not waterproof.
- When charging the battery when or after the Xi terminal is wet, adequately drain it and wipe off water with a dry, clean cloth etc., before connecting the accessory desktop holder or opening the connection jack cap.
- When the connection jack cap is opened for charging, close the cap firmly after charging. It is recommended to use the desktop holder for charging to prevent water from seeping inside from the external connection jack.
- Do not use the AC adapter or desktop holder in a bathroom, shower room, kitchen, lavatory or other highly humid area. May cause fire or electric shock.
- Do not touch the AC adapter or desktop holder with wet hands. May cause electric shock.