

<sup>NTT</sup>**docomo**

**F-05D**

*ARROWS* X LTE

**INSTRUCTION MANUAL '11.X**

docomo **NEXT** series

## Introduction

**Thank you for purchasing "F-05D" mobile terminal.  
Before using your terminal, or when necessary, read  
this manual to ensure safe use and handling.**

### Before using the terminal

- This terminal supports W-CDMA, GSM/GPRS, Wireless LAN System.
- Because your 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 terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when there are strong radio waves with 4 signal status icons on the terminal and you are not moving (traveling).
- Because your 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 terminal encodes voice communication as digital data. When you are operating your 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, etc.) you saved in the 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 terminal.
- In the 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 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. or a PC.
- This terminal supports FOMA Plus-Area and FOMA HIGH-SPEED Area.

### SIM unlock

This terminal supports SIM unlock. If you release SIM lock, you can use SIM 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.

### Learning operations

#### "Quick Start Guide" (in Japanese only)

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

#### "Instruction Manual" (installed in the 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-05D and included accessories>

F-05D (including Back Cover F67 and warranty)



Quick start guide (Japanese)



Battery Pack F24



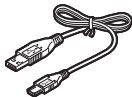
AC Adapter F05  
(with warranty)



Desktop Holder F34



USB Cable for PC  
connection T01



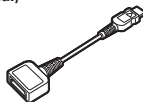
microSD card (2GB)\* (Sample)  
(including Instruction manual)



\* Attached to the terminal at the time of purchase.

### <Main options>

FOMA charging microUSB adapter T01  
(with manual)



FOMA AC Adapter 01/02  
(with warranty and manual)



Other options → P131

- In this manual, "F-05D" mobile terminal is usually referred to as "the 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 (→P46).(→P49)
- 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 the terminal



- The terminal does not support i-mode sites (programs) or i- $\alpha$  ppli.
  - Google applications and service contents are subject to change without prior notice.
  - The terminal automatically performs communication for some functions, for example, to synchronize data, check the latest software or maintain connection with the server. If you transmit a large amount of data such as downloading applications or watching video, a packet communication charge becomes high. Subscription of packet flat-rate service is highly recommended.
  - Setting the terminal to manner mode does not mute sounds (playback of video or music, alarm, etc.) other than the incoming ring tone and notification sounds.
  - The software on the terminal can be updated with the latest information. →P138
  - Improving the terminals 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 of the microSD card or the terminal is almost full, running application may not operate normally. In this case, delete saved data.
  - Set the screen lock to ensure the security of your terminal for its loss. →P47
  - 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.
  - You can use the terminal only with docomo mini UIM card. If you have a UIM or FOMA card, bring it to a docomo Shop to replace.
- If your 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., Twitter, Facebook and mixi.
  - The 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 tethering, a subscription to sp-mode is required.
  - When using tethering, 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 tethering 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 the tethering after use.
  - For details on usage fee, refer to <http://www.nttdocomo.co.jp/>.





## Precautions (Always follow these directions)

- Before using your 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.

 <b>DANGER</b>	This sign denotes that death or serious injury may directly result from improper use.
 <b>WARNING</b>	This sign denotes that death or serious injury may result from improper use.
 <b>CAUTION</b>	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 terminal, battery pack, adapter, desktop holder and docomo mini UIM card (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.**  
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.



No disassembly

**Do not disassemble or remodel the equipment.**

May cause fire, burns, injuries, electric shock.



No liquids

**Do not let the terminal get wet with water, drinking water, urine of pet animals, etc.**

May cause fire, burns, injuries, electric shock.  
For waterproofness, refer to the page. →P18



Do

**Use the battery pack and adapter specified by NTT DOCOMO for your terminal.**

May cause fire, burns, injuries, electric shock.

## WARNING



Don't

**Do not throw the equipment or give hard shock to it.**

May cause fire, burns, injuries, electric shock.



Don't

**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.



Don't

**Do not cover or wrap the terminal with a blanket, etc while using or charging.**

May cause fire or burns.



Do

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

The gas may catch fire.

When using Osafu-Keitai in a place as a gas station, turn OFF the terminal before using it.

(When Osafu-Keitai lock is activated, deactivate it before turning OFF the terminal.)



Do

**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 terminal OFF.
  - Remove the battery pack from the terminal.
- May cause fire, burns, injuries, electric shock.

## CAUTION



Don't

**Do not leave the equipment on unstable or sloping surfaces.**

May cause injuries.



Don't

**Do not store the equipment in extremely humid, dusty or hot areas.**

May cause fire, burns, electric shock.



Do

**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.



Do

**Store the equipment out of reach of small children.**

May be accidentally swallowed or cause injuries.



Do

**Be careful especially when using the terminal connected to the adapter continuously for a long time.**

If you use applications, call or watch 1Seg while charging the battery for a long time, the 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 the terminal

### WARNING



Don't

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



Don't

**Do not direct the infrared data port toward home electric appliances etc. equipped with infrared device when using infrared communication.**

May cause an accident because of malfunction of infrared device.



Don't

**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.**

May impair eyesight. And may cause accidents like injury etc., by dazzling or astounding other people.



Don't

**Do not put foreign objects such as liquid like water, metal pieces or burnable things into docomo mini UIM card slot or microSD card slot.**

May cause fire, burns, injuries, electric shock.



Don't

**Do not turn on the light aiming directly at the driver of the car etc.**

May disturb driving and cause an accident.



Do

**Turn the 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 you talk by setting handsfree or ring alert is sounding, keep the terminal away from your ear.**

**And, when connecting the earphone/microphone etc. to the 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 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 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.



### CAUTION



Don't

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

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



Don't

**Do not use the damaged terminal.**

May cause fire, burns, injuries, electric shock.



Don't

**When using the motion sensor, check the safety around you, hold the 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.



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 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.

## ◆ 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



Don't

**Do not connect a wire or other metal objects to the jack. And, do not carry or store the terminal with objects like a metal necklace.**  
May cause battery pack to ignite, burst, heat or leak.



Don't

**Check the orientation of the battery pack to attach to the terminal, and do not try to force the battery pack onto the terminal if you are having trouble attaching it.**  
May cause battery pack to ignite, burst, heat or leak.



Don't

**Do not throw the battery pack into the fire.**  
May cause battery pack to ignite, burst, heat or leak.



Don't

**Do not nail the battery pack, hit with a hammer or step on it.**  
May cause battery pack to ignite, burst, heat or leak.



Do

**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.**  
May cause loss of sight.



### 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 etc. put into the eyes or mouth, immediately see a doctor after flushing.

## ◆ Handling adapter and desktop holder

### **WARNING**



**Do not use the adapter cord if it gets damaged.**

Don't May cause fire, burns, electric shock.



**Do not use the AC adapter or desktop holder in a bathroom or other highly humid area.**

Don't May cause fire, burns, electric shock.



**Always use the DC adapter with a negative-ground vehicle. Do not plug it into a positive-ground vehicle.**

Don't May cause fire, burns, electric shock.



**When it starts to thunder, do not touch adapter.**

Don't May cause electric shock.



**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.



**Do not place heavy objects on the adapter cord.**

Don't May cause fire, burns, electric shock.



**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.



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

No wet hands May cause fire, burns, electric shock.



Do

**Only use with the specified power source and voltage. When charging the 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 docomo mini UIM card

### ⚠ CAUTION



**Be careful of the cut surface when removing docomo mini UIM card.**

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 terminal into operating rooms (ORs), intensive care units (ICUs) or coronary care units (CCUs).
  - Turn the terminal OFF in hospital wards.
  - Turn the 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 terminal OFF in crowded trains or other public places where pacemaker or defibrillator wearers could be nearby.**

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

The 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.**

The 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-GF 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
Receiver panel		High-strength acrylic resin	UV hard coating
1Seg antenna	Antenna top	PC/ABS resin	UV hard coating
	Antenna rod	Stainless steel	None
	Antenna holder	Zinc die-cast	Ni plating

Part	Material	Surface treatment	
1Seg antenna installing metal plate	Stainless steel	Ni plating	
1Seg antenna fixing screw	Stainless steel	None	
Out-camera panel	Transparent section	High-strength acrylate resin	UV hard coating
	Ring section	ABS resin	UV hard coating
IRDA panel	PMMA resin	None	
Flash panel	PC resin	None	
Keypad	PC resin	UV hard coating	
Power key	PC resin	UV hard coating	
Volume button	PC resin	UV hard coating	
Fingerprint sensor	Sensor section	Flexible PC board	None
	Bezel section	Stainless steel	Ti coating
Strap plate	Stainless steel	Ni plating	
Strap fixation screw	Stainless steel	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	

Part	Material	Surface treatment	
HDMI contacts	Stainless steel	Ni plating	
Stereo earphone jack cap	Body	PC resin	UV hard coating
	Flexure	Elastomer resin	None
	Water stop rubber	Synthetic rubber	None
Battery contacts	Body	LCP resin	None
	Contacts	Phosphor bronze	Gold plating
Screw (battery install recess)	Stainless steel	None	
Battery install recess face	PC board	Gold plating	
docomo mini UIM card connector	Cover	Stainless steel	None
	Housing	LCP resin	None
	Holder	PC-ABS resin	None
Battery pack	Battery pack	PC resin	None
	Label	PET	Black color print letter
	Contacts	Beryllium copper	Gold plating
Charging jack	Contacts	Stainless steel	Gold plating
	Attaching holder section	LCP resin	None

## Handling precautions

### ◆ General

- **F-05D is waterproof/dustproof, however, do not allow water or dust to seep into the terminal and do not allow accessories or optional devices to get wet or attached with dust.**
  - Battery pack, adapter, desktop holder, docomo mini UIM card are not waterproof/dustproof. Do not use in a bathroom or other highly humid area or do not let rain touch. 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 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 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 the 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 terminal or the battery.**

- If the 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, HDMI jack or the stereo earphone 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.**

### ◆ The 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 terminal where the temperature ranges between 5 and 40°C (limited to the temporary use in a bathroom etc. when temperature is above 36°C) and humidity ranges between 45 and 85%.
- **The 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 terminal.**
  - If the data is deleted, DOCOMO assumes no responsibility for the loss of any data.
- **Do not drop the terminal or subject it to shocks.**
  - May cause malfunction or damage.
- **Do not plug external devices into the external connection jack, HDMI jack or stereo earphone jack at a slant, or do not pull it forcibly while it is plugged.**
  - May cause malfunction or damage.
- **It is normal for the terminal to become warm during use or charging. Continue to use it.**

- **Do not leave the terminal with the camera in areas under strong direct sunlight.**
  - May cause discoloring or burn-in of elements.
- **Use the terminal with the external connection jack cap closed.**
  - Dust and/or water brought into the terminal cause troubles.
- **Do not use the terminal with the back cover removed.**
  - May cause removal of battery pack, malfunction or damage.
- **Do not give a strong impact on the fingerprint sensor or scratch the surface.**
  - It may cause not only malfunction of the fingerprint sensor but also disabling authentication.
- **Clean the fingerprint sensor with a dry soft cloth (such as a cloth for eyeglasses).**
  - When the fingerprint sensor is dirty or gets wet on the surface, it cannot read the fingerprint and may cause decrease the authentication performance or erroneous operation.
- **While microSD card is being used, do not take the card out and do not turn off the terminal.**
  - May cause data loss or malfunction.
- **Do not bring magnetic cards etc. close to the terminal.**
  - Magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.
- **Do not bring magnetized objects close to the terminal.**
  - Bringing strong magnetism close may cause a malfunction.

## ◆ Battery pack

---

- **The battery pack is a consumable part.**
  - Replace the battery pack if the 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°C).**
- **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 the 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 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.



## ◆ docomo mini UIM card

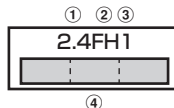
- Do not use excessive force to install/remove docomo mini UIM card.
- Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using docomo mini UIM card with another IC card reader/writer.
- Always keep UIM ICs clean.
- Clean UIM with a soft, dry cloth (such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


## ◆ Bluetooth devices

- This 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, data transfer, and serial port with the terminal. An audio/video remote control may be available with an audio device (only compatible Bluetooth devices).

## • Frequency bands

Frequency bands used by the 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.**

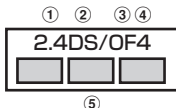
- **Wireless LAN**


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 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 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 the terminal. 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.

### ◆ FeliCa reader/writer

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- FeliCa reader/writer function of the 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 the 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 function of the terminal uses weak waves requiring no licenses for radio stations.
- It uses 77.4 - 85.0MHz frequency band. To avoid affect on surrounding FM radio users, do not set the same frequency band as an FM broadcasting station in your area for using.

### ◆ CAUTION

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- **Do not use a remodeled terminal. Using a remodeled terminal violates the Radio Law.**  
The 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 the terminal.  
If you remodel the terminal by removing its screws, your certification of technical standard conformance becomes invalid.  
Do not use the terminal with its certification of technical standard conformance invalid as it violates the Radio Law.
- **Be careful when you use the 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 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 the terminal conforms to Japanese radio standards.  
If you use this function overseas, you may be punished.
- **Use the FM transmitter only in Japan.**  
The FM transmitter of the 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/ Dustproofness

F-05D provides waterproofness of IPX5<sup>\*1</sup>, IPX8<sup>\*2</sup> and dustproofness of IP5X<sup>\*3</sup> with firmly closing the external connection jack/stereo earphone jack cap and steadily installing the back cover.

- \*1 IPX5 means that a phone 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-05D, IPX8 means that a phone keeps functioning after F-05D is slowly submerged to depth of 1.5 m in static tap water at room temperature, left there for 30 minutes and then taken out. (Camera function cannot be used under water.)
- \*3 IP5X means a protection degree that a phone keeps functioning and safety after it is placed in a device with dust in diameter 75  $\mu$  or less for 8 hours, agitated and then taken out.

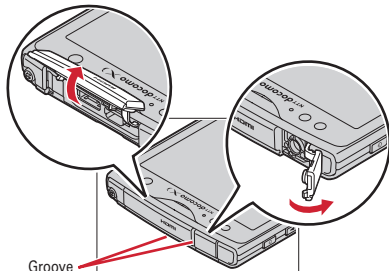
### ❖ What you can do with waterproofness of F-05D

- You can talk and watch 1Seg without an umbrella in the rain (for rainfall of 20 mm or less per hour).
  - When your hands or the terminal are wet, avoid installing/removing the back cover or opening/closing the external connection jack/stereo earphone jack cap.
- The terminal can be submerged into a pool which has a depth of 1.5 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 terminal gets wet with water from the swimming pool, wash it in following procedure(→P20).
- You can use the 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 terminal in hot spring water or water containing soap, detergent or bath powder.

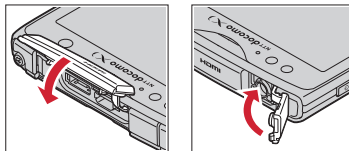
### ◆ To ensure waterproofness/ dustproofness

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

- Do not throw any liquid other than room-temperature tap water on the terminal, or soak it in such liquid.
- When using the external connection jack, HDMI jack or stereo earphone jack, pull the cap up with your finger by the groove as shown in the illustration.



After using the external connection jack, HDMI jack or stereo earphone 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.



- For installing the back cover, see 4.5 in "■ Attaching" of "Attaching/Removing battery pack". →P26

- Steadily attach the back cover without any space between and firmly close the external connection jack/ stereo earphone jack cap. 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, earpiece or speaker with a swab or sharp object.
- Do not let the terminal fall. It may become scratched causing the waterproof/dustproof performance to degrade.
- The external connection jack/stereo earphone jack cap and the rubber packing of the rear side of the back cover play important roles for keeping waterproof/dustproof performance. Do not deform the back cover by twisting etc. or peel off or damage the rubber packing. Also, prevent dust from adhering to it.

To keep the terminal waterproofness/dustproofness, replacement of parts is required every 2 years regardless of whether the terminal appears normal or abnormal. DOCOMO replaces the parts as a chargeable service. Bring the 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

Observe the following precautions to use the terminal properly.

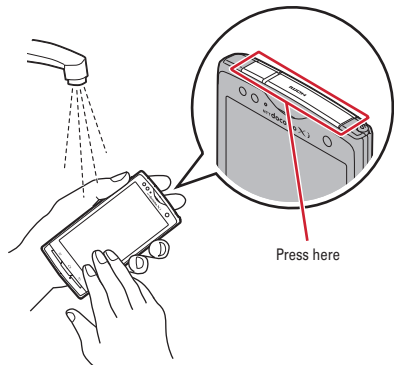
- Accessories and optional devices are not waterproof/ dustproof. When watching 1Seg, etc. with the terminal installed in the included desktop holder, do not use it in a bathroom, shower room, kitchen or lavatory even if it is not connected to the AC adapter.
- Do not apply water flow stronger than allowed (→P18) (e.g., such water flow that gives you pain when applied to your skin directly from a faucet or shower). F-05D provides IPX5 waterproof performances. However, it causes malfunction.
- If the terminal gets wet with salt water, sea water, refreshing beverage or mud or soil adhered, wash it immediately. If they dry out, it is hard to remove the dirt and it may cause damage or malfunction.
- Do not put the terminal in hot water, use it in a sauna or apply hot airflow (from a hair dryer etc.) to it.
- Do not move the 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 terminal does not float on water.
- Do not leave water on the terminal. May short-circuit the power jacks, or in a cold region, water may freeze causing malfunction.
- Do not leave water on the microphone, earpiece or speaker. Such water may interfere with talking.
- If the back cover is damaged, replace it. Water may enter inside from a damaged section causing troubles such as electric shocks or corrosion of the battery.
- If the terminal gets wet with water or other liquids with the external connection jack/stereo earphone jack cap or the back cover open, the liquid may get inside the terminal causing electric shocks or malfunction. Stop using the terminal, turn the power OFF, remove the battery pack and contact a DOCOMO-specified repair office.
- If the external connection jack/stereo earphone jack cap, or the rubber gasket on the rear side of the back cover 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.

### ◆ Washing the terminal

**With pressing and holding the external connection jack/stereo earphone jack cap not to open, wash the terminal in tap water without rubbing hard.**

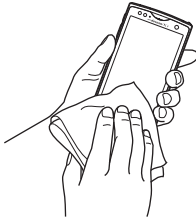


- Do not apply water flow stronger than allowed (→P18) (e.g., such water flow that gives you pain when applied to your skin directly from a faucet or shower). F-05D provides IPX5 waterproof performances. However, it causes malfunction.
- With the back cover steadily attached and pressing and holding the external connection jack/stereo earphone jack cap not to open, wash the terminal in tap water without rubbing hard.
- Do not use brush, sponge, soap, detergent, etc.
- If mud or soil is adhered to the terminal, do not operate the terminal. Eliminate the dirt first by shaking several times in tap water of wash-basin and then wash the terminal with running water.
- After washing, wipe the surface with dry cloth well, drain water by the following procedure and let the terminal dry naturally.

### ◆ Draining water from the terminal

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

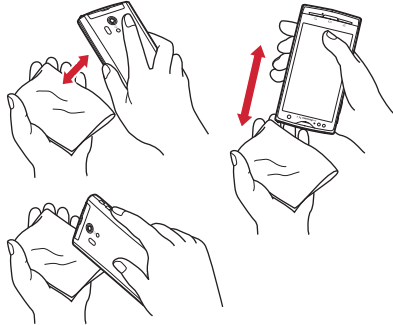
- ① Hold the terminal firmly and wipe off moisture on the terminal surface and back side with dry, clean cloth etc.



- ② Shake the terminal approximately 20 times, firmly holding it, until there is no more water splattering.



- ③ Swing the terminal in about 10 times against dry, clean cloth etc. to wipe off water remaining in the microphone, earpiece, speaker, keypad, or charging jack, etc.



- ④ Wipe off water drained from the terminal with dry, clean cloth etc., and dry naturally.
  - Water, if any, remaining in the terminal may ooze up after wiping off.
  - Do not wipe off water remaining in gaps directly with a cotton swab etc.

## ◆ Charging

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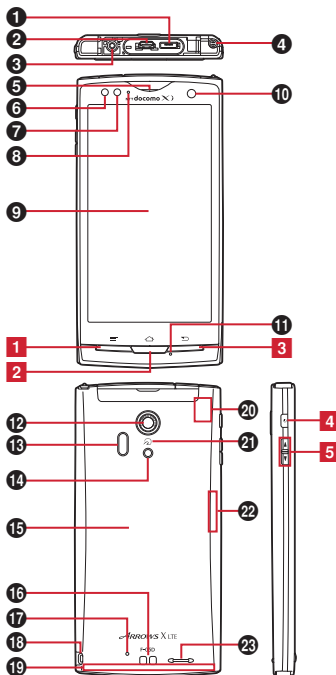
### **Check the following before and after charging.**

- Check if the terminal is not wet. Never try to charge the battery pack when the terminal is wet.
- Accessories and optional devices are not waterproof/ dustproof.
- When charging the battery when or after the 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 external connection jack cap.
- When the external 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.



## Before using the terminal

### Part names and functions



### <Functions>

- 1 External connection jack**  
Connect the included the FOMA charging microUSB adapter T01 or USB Cable for PC connection T01.
- 2 HDMI jack (Type D)**
- 3 Stereo earphone jack**
- 4 1Seg antenna/FM transmitter**  
\* Extend when watching 1Seg.
- 5 Earpiece**
- 6 Proximity sensor**  
Prevents the erroneous operation of the touch panel during a call.  
\* Putting a protective sheet or seal on the proximity sensor may cause erroneous operation.
- 7 Light sensor**  
Sense ambient brightness and automatically adjusts brightness of the display backlight.  
\* When the sensor is covered, adjustment may not be performed properly.
- 8 Notification LED**  
Light in red : Charging  
Flash in green : Receiving a call, notifying missed calls, incoming mails, etc.  
\* Color of light or flash may be different depending on application.  
Green light once : Power ON
- 9 Display (Touch panel)**
- 10 In-camera**
- 11 Microphone**
- 12 Out-camera**
- 13 Infrared data port**
- 14 Camera light (Flash)**
- 15 Back cover**  
\* To access docomo mini UIM card slot and the microSD card slot, remove the back cover and the battery pack.  
\* Rubber gasket is attached on the rear side of the back cover to resist water/dust.
- 16 Charging jack**
- 17 Rear microphone**
- 18 Strap hole**

#### 19 FOMA antenna


- \* The antenna is built-in the terminal. Covering around the antenna by the hand may affect the quality.

#### 20 GPS antenna

- \* The antenna is built-in the terminal. Covering around the antenna by the hand may affect the quality.

#### 21 mark

##### Installation of IC card

- \* Place  mark over the IC card reader to use Osaifu-Keitai, or if you download compatible applications, you can send and receive data via iC transmission. IC card cannot be removed.

#### 22 Bluetooth/Wi-Fi antenna section

- \* The antenna is built-in the terminal. Covering around the antenna by the hand may affect the quality.

#### 23 Speaker

### <Key functions>

Key functions are as follows.

#### 1 Menu key

- Press : Display currently available settings etc.
- Press and hold for 1 second or more : Switch display/ not display the software keyboard when entering characters

#### 2 Home key

- Press : Return to the home screen
- Press and hold for 1 second or more : Display the recently used applications


#### 3 Back key

- Press : Return to the previous screen

#### 4 Power key

- Press : Activate/Deactivate Sleep mode
- Press and hold : Turn power on, activate/deactivate Manner mode, Public mode, Airplane mode, turn power off, restart the terminal

#### 5 Volume button

- Press : Adjust the call volume, alert volume and media playback volume
- Press and hold  for over a second : Activate/ Deactivate manner mode

## docomo mini UIM card

The docomo mini UIM card is an IC card in which user information such as your phone number etc. is saved.

- You can use the terminal only with docomo mini UIM card. If you have a UIM or FOMA card, bring it to a docomo Shop to replace.
- When docomo mini UIM card is not inserted to the terminal, some functions are not available.
- For details on docomo mini UIM card, refer to the docomo mini UIM card manual.

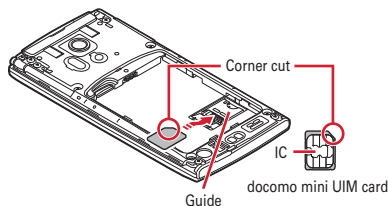
### ◆ Installing/Removing docomo mini UIM card

- Turn the terminal OFF, remove the back cover and the battery pack before installing/removing. →P25

#### ■ Installing

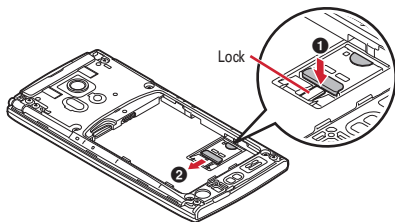
### 1 Insert docomo mini UIM card into the guide with the IC side facing down

- Check the orientation of UIM corner cut.



## ■ Removing

- 1 Press the lock with your finger (1) and pull docomo mini UIM card out 2-3 mm toward 2
- 2 Lift your finger from the lock, press docomo mini UIM card lightly and slide it toward 2
  - Do not press docomo mini UIM card downward forcefully.



## ✓INFORMATION

- When handling docomo mini UIM card, take care not to touch or scratch the IC part. Note that inserting docomo mini UIM card forcibly into the terminal may damage docomo mini UIM card.

## ◆ Security codes of docomo mini UIM card

There is a security code called PIN code in the docomo mini UIM card. The code is set to "0000" at subscription, which you can change by yourself.→P47

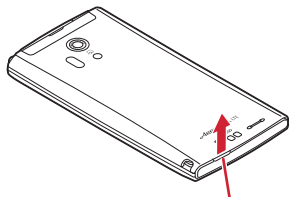
## Battery pack

### ◆ Attaching/Removing battery pack

- Attach/Remove the battery pack after turning OFF the power.
- When you attach/remove the back cover, hold the terminal in your hand so that you will not scratch the display etc.
- If the terminal gets wet, wipe off water before removing the back cover.
- Use Battery back F24 dedicated to the terminal.

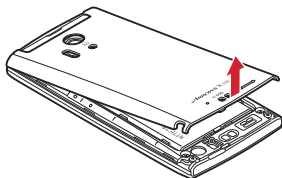
## ■ Attaching

- 1 Put your fingernail into the back cover removing part (1) and lift the back cover vertically until the one side goes off

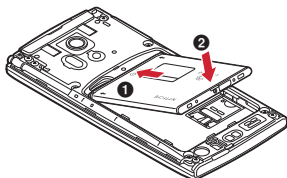


Back cover removing part

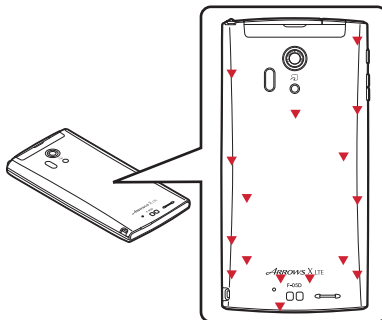
- ② Put your fingernail into the back cover removing part ② and lift the back cover vertically to remove
- To ensure waterproofness/dustproofness, the back cover is structured to attach firmly. If you have difficulties to remove, remove it strongly.



- ③ With the battery pack label facing up, align the metal contacts of the battery pack with those of the terminal, insert in the direction of the ① to attach in the direction of ②

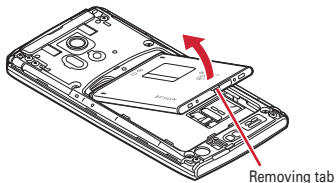


- ④ Check the orientation of the back cover, and attach it fitting to the terminal
- ⑤ Fit the tabs on the reverse side of the back cover with the grooves on the terminal, press firmly ▼ to close
- Check if there is no gap at all in order to maintain waterproofness/dustproofness, and attach securely.
- \* "Waterproofness/Dustproofness"→P18



#### ■ Removing

- ① Perform ① and ② on "Attaching the battery pack"
- ② Pinch the tab of battery pack and pick it up in the direction of the arrow to remove



## Charging

### ❖ Precautions on charging

- If you use the terminal while charging, it may take time to complete charging or charging may not complete.
- It is normal for the terminal or AC adapter to become warm while charging. When the terminal becomes warm, charging may stop temporarily for the safety. When the terminal becomes extremely hot, stop using immediately.
- The following conditions will lead to a charging error. In the case of charging error, running functions are stopped, the power is turned off, and the notification LED turns off. Remove the charger or battery pack.
  - Charging voltage is high
  - The battery pack is over-charged/over-discharged
  - Charging is not complete after 5 hours or more
  - Battery temperature exceeds the operating temperature warranty implied
- IC transmission is not available during charging.

### ❖ Charging times (approximate)

The following is the time for charging an empty battery pack with F-05D's power switched OFF. Charging with the terminal ON or under low temperature requires longer time.

<b>AC adapter</b>	Conversion cable : Approx. 90 min. Using cradle : Approx. 90 min.
<b>DC adapter</b>	Conversion cable : Approx. 200 min. Using cradle : Approx. 200 min.

### ❖ Operation time on full charge (approximate)

The following time varies by the charging method and operating environment. →P143

<b>Continuous stand-by time</b>	<b>3G</b>	Stationary (Auto) : Approx. 400 H Moving (Auto) : Approx. 190 H Moving (3G static) : Approx. 200 H
	<b>GSM</b>	Stationary (Auto) : Approx. 260 H
<b>Continuous call time</b>	<b>3G</b>	Approx. 370 min.
	<b>GSM</b>	Approx. 410 min.

### ❖ Battery pack life

- The battery pack is a consumable part. Each time it is charged, time available with each charging reduces. Talking on the phone for a long time while charging may reduce the battery pack lifetime.
- When a time available with each charging is reduced to about a half from that of a new battery, replacement of the battery is recommended because it is near the end of life. 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.
- To promote environmental conservation, return your used battery pack to NTT DOCOMO sales outlets, our corporate agencies or the shops that collect used battery pack in your community.



Li-ion 00

## ❖ Available charging adapter

For details, refer to the operation manual of AC adapter or DC adapter.


**FOMA AC Adapter 01 (optional)** : 100V AC only

**FOMA AC Adapter 02/FOMA AC Adapter 01 for Global use (optional)** : Between 100V and 240V AC AC Adaptor has a plug dedicated to 100V AC (for domestic use). When using the AC adapter in the range of AC 100V and 240V overseas, a conversion plug adapter applicable to the country you are staying is required. Also, do not charge the battery with a transformer for overseas travel.

**FOMA DC Adapter 01/02 (optional)** : Use for charging in a car.

## ❖ Checking battery level

A battery icon is displayed on the status bar to show estimated battery level. →P32

- From the Home screen,  → Tap [Settings] → [About phone] → [Status] to check the remaining battery power by percentage.

## ✓ INFORMATION

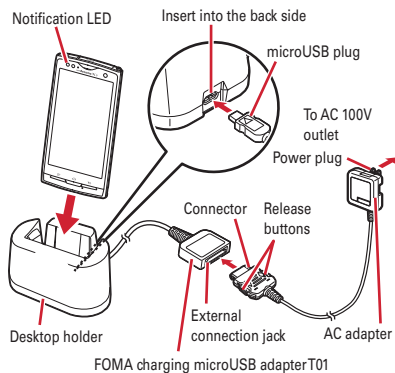
- When charging starts with the battery empty, the terminal may not be immediately activated after turning the power ON. In this case, charge the terminal while keeping it turned OFF, and turn it on after a while.

## ◆ Charging with Desktop holder

Charge the terminal with FOMA AC Adapter 01/02 (optional), the included FOMA charging microUSB adapter T01 and desktop holder F34.

- Insert the AC adapter connector to the external connection jack of the FOMA charging microUSB adapter
- Insert the microUSB plug of the charging microUSB adapter into the jack on the back side of the desktop holder
- Unfold the AC adapters power plug and insert it into a 100V AC outlet

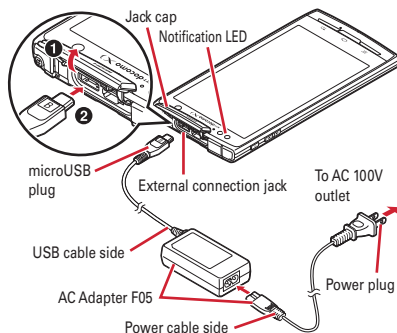
- Insert the terminal into the desktop holder
  - Notification LED lights red while charging, and turns off when charging is complete.
- When charging is complete, remove the terminal from the desktop holder
- Remove the micro USB plug of the charging microUSB adapter from the desktop holder, and remove the AC adapter connector from the external connection jack of the charging microUSB adapter
  - Pull it straight while pressing the release button of the connector.
- Remove the AC adapter power plug from the wall outlet



## ◆ Charging with AC adapter

Charge the terminal with FOMA AC Adapter 01/02 (optional) and the included FOMA charging microUSB adapter T01.

- ① Insert the AC adapter connector to the external connection jack of the FOMA charging microUSB adapter
- ② Open the jack cap (❶) of the terminal, insert the microUSB plug of the charging microUSB adapter into the jack (❷)
- ③ Insert the AC adapter power plug into an outlet
  - Notification LED lights red while charging, and turns off when charging is complete.
- ④ After charging is completed, remove the microUSB plug from the terminal, and close the external connection jack cap
- ⑤ Remove the AC adapter connector from the charging microUSB adapter
  - Pull it straight while pressing the release button of the connector.
- ⑥ Remove the AC adapter power plug from the wall outlet



## ✓INFORMATION

- FOMA charging microUSB adapter T01 is an adapter for connecting the terminal with the AC adapter. If you connect the terminal with a PC using the FOMA USB Cable etc., you cannot send/receive data or charge the terminal. For connection to a PC, use the included USB Cable for PC connection T01.

## ◆ Charging with FOMA USB Cable for PC connection

If you connect the terminal with a PC using the included USB Cable for PC connection T01, you can charge the terminal.

- When "新しいハードウェアの検索ウィザードの開始 (New hardware detection wizard)" appears on the PC, select "キャンセル (Cancel)".

## Turning power ON/OFF

### ◆ Turning power ON

- 1 Press and hold  (approx. 2 sec.) until the notification LED lights green

The lock screen appears following the startup screen.

- 2 Slide  at the bottom of the lock screen right or left

- Lock screen → P33

### ■ Turning power ON for the first time

Follow the onscreen guidance to make initial settings. You can change the settings later. → P31

### ◆ Turning power OFF

- 1 Press and hold  until the phone options menu appears → [Power off] → [OK]

After vibrating once, the terminal turns off.

## Basic operation (Using touch panel)

The terminal display is composed of a touch panel designed for being touched directly with fingers. The terminal supports a motion sensor that senses orientation or motion of the terminal. You can switch display view by tilting the terminal vertical or horizontal.

### ◆ Notes for using the touch panel

The touch panel is designed for being touched lightly with fingers. Do not push it forcibly with a finger or press it with sharp objects (nail, ballpoint pen, pin, etc.).

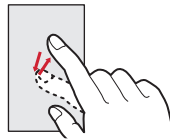
- Touching the touch panel may not work in the following cases. Note that it may cause malfunction.
  - Operation with gloved hands
  - Operation with tip of fingernail
  - Operation with a foreign object on the display
  - Operation with protective sheet or seal on the display
  - Operation with the touch panel wet
  - Operation with finger wet by sweat or water
  - Operation under water

## ◆ Main operations

### ❖ Tap/Double-tap

**Tap** : Touch the screen lightly and release the finger. Operation can be valid at the instant of releasing the finger from the screen.

**Double-tap** : Tap twice quickly.



Example : Tap

### ❖ Touch and hold for 1 second or more

Touch and hold the screen for 1 second or more and then release the finger. Some operations can be operated by keeping touching the screen.

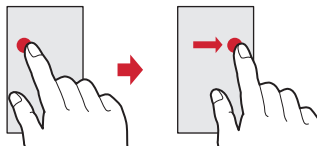
\* In this manual, the operation may be described as "(1 sec. or more)".

### ❖ Drag/Slide/Pan

**Drag** : Touch an item or icon on the screen and move it to the desired position.

**Slide** : Touch the screen and drag to the desired position.

**Pan** : Drag the screen in some direction to view the desired part.

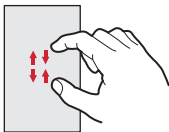


Example : Drag



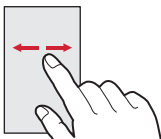
## ❖ Pinch

Touch the screen with two fingers and widen (pinch-out) or narrow (pinch-in) the fingers distance.



## ❖ Flick

Touch the screen and sweep the finger quickly.



## ◆ Switching between landscape and portrait view


You can switch between landscape and portrait view by tilting the terminal vertically or horizontally (Auto-rotation).

- Even when you change the orientation of the terminal, the screen may not change depending on the screen displayed.

## Initial setting

You can set necessary items collectively for the first time to use the terminal.

- Each setting can be changed anytime.

**1 From the Home screen,**  → [Settings] → [Initial setting]

**2 Set each item**

**自分から設定** : Make basic information for **自分から設定** or Voice adjust.

**Lock screen authentication** : Set screen lock. →P47

**Security unlock method** : Set unlocking method of the security lock.

**HOME wallpaper** : Set wallpaper on the Home screen. →P35

**Photo screen** : Set an image for lock screen.

**Copy PhoneBook** : Copy phonebook. →P59

**Google Account** : Set Google Account.

## ❖ About other initial settings

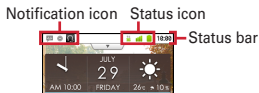
Set the following items as required in addition to the initial setting items.

- Email account settings →P85
- Wi-Fi functions settings →P67
- Access point (ANP) settings →P65
- Switching to English display →P79

## Screen/Icon

### ◆ Icons on the status bar

Various conditions can be checked with notification icons and status icons appearing on the status bar.



### ■ Main notification icons

- ✉ : New Gmail message
- ✉ : New Email message
- ✉ : New sp-mode mail
- ✉ : New SMS, Area Mail
- ✉ : Sending SMS is failed
- 📧 : Voice Mail message
- 📧 : New instant message
- 🔍 : Update High-performance unified search site.
- 📅 : Notifying calendar
- 🕒 : During alarm snooze
- 🎵 : Playing a track
- 🔄 : Problem with synchronization
- 📶 : Wi-Fi is on, and Wi-Fi network is available.
- 📶 : Wi-Fi tethering is enabled.
- 📶 : File received via Bluetooth
- 📶 : USB is connected.
- 📶 : Calling
- 📶 : Missed call
- 📶 : Call on hold
- 📶 : Uploading data is completed.
- 📶 : Downloading data is completed.
- 📶 : Installing applications from Android Market etc. is completed.
- 📶 : Updating Android Market applications is available.
- 📶 : Hidden notification
- 📶 : microSD card is not inserted.
- 📶 : microSD card is unmounted.

- 📶 : Earphone is connected (terminal microphone input).
- 📶 : Earphone is connected (earphone microphone input).
- 📶 : Receiving 1Seg
- 📶 : Recording 1Seg
- 📶 : Notification icon (software update available)
- 📶 : Notification icon (software update completed)

### ■ Main status icons

- 📶 : Signal strength
- 📶 : During International roaming
- 📶 : Out of service area
- 📶 / 📶 (gray arrow) : GPRS connected/in use
- 📶 / 📶 (gray arrow) : 3G (packet) connected/in use
- ✈️ : Airplane mode
- 📶 : Wi-Fi is connected.
- 📶 : Bluetooth function is ON.
- 📶 : Bluetooth device is connected.
- 🔄 : During Data synchronization
- 🔒 : Osaifu-Keitai lock is set.
- 📶 : docomo mini UIM card is not inserted.
- 🕒 : Alarm is set.
- 📶 : Speaker phone is on.
- 📶 : Microphone is muted.
- 📶 : Ringtone volume 0
- 📶 : Vibration mode is on.
- 📶 : Public mode (Drive mode)
- 📶 : Manner mode
- 📶 : Manner (silent)
- 📶 : Manner mode (alarm)
- 📶 : Personalized manner mode
- 📶 : Charging is needed.
- 📶 : Battery level is low.
- 📶 : Battery level is enough.
- 📶 : Charging
- 📶 : Positioning with GPS
- 📶 : ATOK kana input mode
- 📶 : ATOK alphabet input mode
- 📶 : ATOK number input mode
- 📶 : Input ATOK pict/smiley/symbol, phrase, character code.

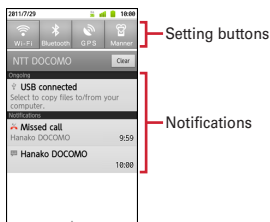
\* Displayed in green when sign into a Google account.

## ◆ Notification panel

When a notification icon appears, you can open the Notification panel to check information on messages or schedule etc.


## ❖ Opening the Notification panel

### 1 Drag the status bar downward



- Tap each notification to check the detailed or make necessary settings.
- Tap [Clear] to delete on the notification panel. However, some notification may be deleted depending on the content.
- Tap the settings button to switch each setting. When set to ON, color of the buttons turns into yellow green.

### ✓INFORMATION

- Alternatively, from the home screen,  → Tap [Notifications] to open the notification panel.

## ❖ Closing the Notification panel

### 1 Drag the tab (●) at the bottom of the Notification panel up or


## ◆ When the screen display is turned off

When no operation is performed in certain period of time, the display is automatically turned off according to the screen time out setting and the terminal goes into sleep mode.

### 1 or

Sleep mode is deactivated, and the lock screen appears.

### ✓INFORMATION

- When activating sleep mode manually, press  while in display mode.
- When receiving a call or SMS message while in sleep mode, sleep mode is deactivated.



## ◆ When lock screen appears

### 1 Slide at the bottom of the lock screen right


The lock is canceled.



### ✓INFORMATION

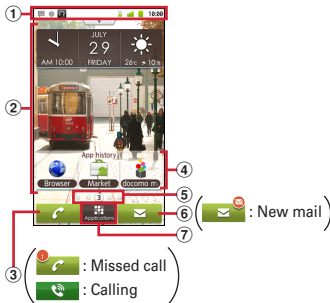
- Number of missed calls and new mail arrival (set by the type of new mail) are displayed even when lock screen is displayed.
- Slide  or  to activate/deactivate manner mode.
- When certain period of time elapses during lock screen, the display is automatically turned off and the terminal goes into sleep mode regardless of screen time out setting.

## Home screen

Home screen is a start screen to use applications. You can return to the Home screen anytime by pressing .

- Flick any of up to 12 Home screens left and right to switch to use.

### ◆ Viewing home screen




- ① Status bar → P32  
Conditions on the terminal, etc. are notified with icons.
- ② Customize area → P34  
Part of the Home screen which you can customize. You can locate shortcuts, widgets, folders and wallpaper. You can delete items displayed by default.
- ③ Activate an application  
Tap to display the application menu.
- ④ Phone
- ⑤ Mail
- ⑥ Browser

### ✓ INFORMATION

- From the Home screen,  → Tap [Settings] to display the setting menu. → P65

### ◆ Customizing the screen


You can locate desired application shortcuts, widgets, etc. on the Home screen.

- 1 Flick left and right to display the Home screen that you want to customize →  → [Add]
- 2 [Shortcuts]/[Widgets]/[Folders]/[Kisekae]/[Wallpaper]/[Group]/[Webページ]
- 3 Select an item → [Done]
  - You can drag pasted items to change their positions.

### ✓ INFORMATION


- Even though 2 or more widgets for speed dials are pasted, up to 4 items can be registered. All widgets for speed dials are linked and their contents become the same.

### ◆ Deleting shortcuts or widgets

- 1 Flick left and right to display the Home screen that you want to customize
- 2 Select a shortcut or widget you want to delete (1 sec. or mode) → Drag it to 

## ❖ Changing Kisekae or wallpaper

---


**1** From the Home screen,  → [Kisekae/Wallpaper]

**2** [Gallery]/[Live wallpapers]/[Preset] → Select an image → [Set wallpaper]

- When you select an image by tapping [Gallery], drag the inside of the trimming frame to specify the position, and drag the corner of the trimming frame to zoom in/out, and tap [Save] before setting is complete.
- When you tap [Live wallpapers] → [Photo Collage], tap [Settings · · ·] → [Select image folders] → [Select folders] → Mark a folder to specify an image folder in the microSD. Display mode can also be set. Still images taken with the camera are saved in the DCIM/Camera folder, and downloaded images are saved in the download folder.  
You can also specify an image folder saved to a microSD card from a PC. For details on saving still images to a microSD card from a PC, see "Operating data on a microSD card from a PC". → P96


## ❖ Editing the Home screen

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**1** From the Home screen,  → [ホーム画面一覧]

## About phone

Display various information of the terminal.

**1** From the Home screen,  → [Settings]  
→ [About phone]

### 2 Check items

**Software update** : Update software to latest one. →  
P138

ケータイアップデート : Check system status.

**Status** : Check battery status, phone number, network  
name and address, IMEI (individual serial number),  
etc.

**Battery use** : Check battery usage for each application.

**Legal information** : Check Open source license or the  
Terms of use of Google.

**Model number/Android version/Baseband version/  
Kernel version, Build number** : Check each version  
or number.

## Specific Absorption Rate (SAR) of Mobile Phones

This model F-05D mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone was designed in observance of Japanese technical regulations regarding exposure to radio waves (<sup>(1)</sup>) and limits to exposure to radio waves recommended by a set of equivalent international guidelines. This set of international guidelines was set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition.

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of tissue over a 6-minute period. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.598 W/kg. There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

The actual SAR of this mobile phone while operating can be well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device. This mobile phone can be used in positions other than against your ear. This mobile phone satisfies the international guidelines when used with a carrying case or a wearable accessory approved by NTT DOCOMO, INC.<sup>(2)</sup> In case you are not using the approved accessory, please use a product that does not contain any metals, and one that positions the mobile phone at least 1.5 cm away from your body.

The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

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

[http://www.who.int/docstore/peh-emf/publications/facts\\_press/fact\\_english.htm](http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm)

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

Ministry of Internal Affairs and Communications Website:

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

Association of Radio Industries and Businesses Website:

<http://www.arib-emf.org/index02.html> (in Japanese only)

NTT DOCOMO, INC. Website: [http://](http://www.nttdocomo.co.jp/english/product/sar/)

[www.nttdocomo.co.jp/english/product/sar/](http://www.nttdocomo.co.jp/english/product/sar/)

FUJITSU LIMITED Website: [http://www.fmworld.net/](http://www.fmworld.net/product/phone/sar/)

[product/phone/sar/](http://www.fmworld.net/product/phone/sar/)

\*1 Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

\*2 Regarding the method of measuring SAR when using mobile phones in positions other than against the ear, international standards (IEC62209-2) were set in March of 2010. On the other hand, technical regulation is currently being deliberated on by national council. (As of X, 2011)

## ◆ Declaration of Conformity

The product "F-05D" is declared to conform with the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1(a), 3.1(b) and 3.2. The Declaration of Conformity can be found on <http://www.fmworld.net/product/phone/doc/>.

This mobile phone complies with the EU requirements for exposure to radio waves.

Your mobile phone is a radio transceiver, designed and manufactured not to exceed the SAR<sup>+</sup> limits<sup>\*\*</sup> for exposure to radio-frequency(RF) energy, which SAR<sup>+</sup> value, when tested for compliance against the standard was 0.616W/kg for HEAD, 0.319W/kg for BODY. While there may be differences between the SAR<sup>+</sup> levels of various phones and at various positions, they all meet<sup>\*\*\*</sup> the EU requirements for RF exposure.

\* The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR.

\*\* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/Kg) averaged over ten grams of tissue, recommended by The Council of the European Union. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

\*\*\* Tests for SAR have been conducted using standard operation positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

## ◆ Federal Communications Commission (FCC) Notice

- This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions :
  - ① this device may not cause harmful interference, and
  - ② this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications made in or to the radio phone, not expressly approved by the manufacturer, will void the user's authority to operate the equipment.



## ◆ FCC RF Exposure Information

This model phone meets the U.S. Government's requirements for exposure to radio waves.

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

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

Before a phone model is available for sale to the public, it must be tested and certified to prove to the FCC that it does not exceed the limit established by the U.S. government-adopted requirement for safe exposure. The tests are performed on position and locations (for example, at the ear and worn on the body) as required by FCC for each model. The highest SAR value for this model phone as reported to the FCC, when tested for use at the ear, is 0.352W/kg, and when worn on the body, is 0.476W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements).

While there may be differences between the SAR levels of various phones and at various positions, they all meet the U.S. government requirements.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Equipment Authorization Search section at <http://www.fcc.gov/oet/ea/fccid/> (please search on FCC ID VQK-F05D).

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and which positions the handset at a minimum distance of 1.0 cm from the body.

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## ◆ Important Safety Information

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### AIRCRAFT

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

### DRIVING

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

### HOSPITALS

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

### PETROL STATIONS

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

### INTERFERENCE

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

### Pacemakers

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

### Hearing Aids

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

### For other Medical Devices :

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

## Export Administration Regulations

This product and its accessories may be under coverage of the Export Administration Regulations of Japan ("Foreign Exchange and Foreign Trade Control Laws" and the related laws and regulations). And, they are also under coverage of Export Administration Regulations of the U.S. When exporting and reexporting this product and its accessories, take necessary procedures on your responsibility and expense. For details, contact Ministry of Economy, Trade and Industry of Japan or US Department of Commerce.

## Intellectual Property Right

### ◆ Copyrights and portrait rights


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Except for the case protected by copyright laws such as personal use, use of the terminal to reproduce, alter, or publicly transmit recorded pictures or sounds, or copyrighted text, images, music or software downloaded from websites without the copyright holder's authorization is prohibited.

Note that taking photos or recordings at some demonstrations, performances or exhibitions may be prohibited even when only for personal use. Avoid taking pictures of others with the terminal without their consent or disclosing recorded pictures of others without their consent to general public through Internet websites etc., because they may infringe on portrait rights.

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