

Using UIM (FOMA card)

UIM (FOMA card) is a card for storing user information such as phone numbers.

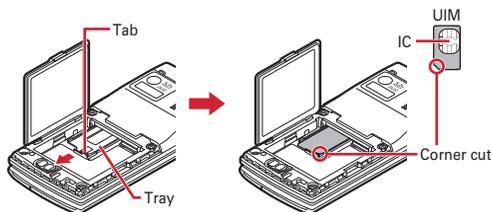
- If UIM is installed incorrectly or if there is a problem with UIM, you cannot make/receive a call or send/receive a mail.
- For details on handling UIM, refer to the UIM manual.

◆ Installing/Removing

- After turning the power OFF, fold FOMA terminal and hold it with your hand.
- Take care not to touch or scratch the IC part.
- Attaching/Removing back cover and battery pack→P43

■ Installing

- ① Pull the tab and pull out the tray until it clicks.
- ② Put UIM to the tray with the IC side down and beveled corner fitted to the tray, and push the tray until it stops.



■ Removing

- ① Perform ① of installing operation.
- ② Take out UIM.

✓ INFORMATION

- Note that forcible installing or removing UIM, or installing battery pack with the tray inserted at a slant may break UIM or the tray.
- If the tray is removed, press it straight along the guide rail inside the UIM slot with UIM left detached.

◆ Security code

Two security codes, "PIN code" and "PIN2 code", are set for UIM.

- You can change the security codes yourself.→P106

◆ UIM operation restriction

FOMA terminal is provided with UIM operation restriction for protecting your data/files or data/files copyrighted by a third party.

- When files or data are downloaded from websites or data attached to mails are obtained to your FOMA terminal with UIM equipped, UIM operation restriction is automatically set to these data or files.
- The data types subject to UIM operation restriction are as follows.
 - Videophone call message, Movie memo, Screen memo
 - i-mode mail attachment files (except ToruCa), images inserted to Deco-mail or signature, Decome-Anime template, MessageR/F, Deco-mail template containing data subject to UIM operation restriction
 - i-αplli (including i-αplli stand-by display), ToruCa (Details) image
 - Images (including GIF animations, Flash graphics and images downloaded from Data Center), i-motion, data compatible with contents transfer, melodies, Chara-den, Machi-chara
 - Kisekai Tool, Chaku-uta[®]/Chaku-uta full[®], Music&Video Channel programs
 - * "Chaku-uta" is a registered trademark of Sony Music Entertainment (Japan) Inc.
- Data or files with UIM operation restriction set cannot be transferred over infrared communication/iC transmission or copied/moved to microSD card.
- With UIM replaced or no UIM installed, data or files with UIM operation restriction set cannot be displayed or played. For i-αplli with UIM operation restriction set, no functions except deletion are available.

✓ INFORMATION

- When data subject to UIM operation restriction is set as stand-by display, incoming/outgoing image, ring alert, etc., replacing UIM with another one or using FOMA terminal without UIM installed causes the sound and image settings to be reset to the default state. In this case, sound or image actually generated or displayed may be different from those set. If UIM used when downloading the data is installed, UIM operation restriction of the data is canceled and the original settings are restored (when data is used for Set random image on stand-by display, settings may be canceled).
- UIM operation restriction is not set to data obtained via infrared communication, iC transmission, microSD card or DOCOMO keitai datalink or still images/moving pictures taken with the built-in camera.
- The following settings are saved to UIM.
 - My phone number
 - SMS settings (except "SMS report request")
 - DOCOMO Cert/User certificate of Manage certificate
 - バイリンガル (Select language), UIM, PLMN setting

◆ Settings when replacing UIM

If replacing the currently installed UIM with another UIM, the following settings are changed.

Setting	Changed contents
My phone number, バイリンガル (Select language), SMS settings (except "SMS report request"), "DOCOMO Cert"/"User certificate" of Manage certificate, PIN code and PIN2 code of UIM, PIN1 code ON/OFF, PLMN setting	Changed to the contents saved in the inserted UIM.
i-Channel setting, Reset call cost, i-Widget roaming set	Restored to the default settings.
FullBrowser usage	Set to "No" regardless of the setting before replacement.
Cookie setting of i-mode and Full Browser	Set to "Invalid" regardless of the setting before replacement. Cookie information is retained, but if setting to "Valid" again, a confirmation screen for deleting Cookie information appears.
Set program of Music&Video Channel	The setting before replacement is canceled. Set the program again if necessary.

◆ UIM types

When using UIM (blue) in FOMA terminal, note that it differs in the following items from UIM (green/white).

Item	UIM (blue)	UIM (green/white)	Page
Number of savable digits of phone numbers in UIM phonebook	Up to 20 digits	Up to 26 digits	P74
User certificate download to use FirstPass	Unavailable	Available	P182
WORLD WING service	Unavailable	Available	P360
Service Numbers	Unavailable	Available	P353

WORLD WING

WORLD WING is DOCOMO's FOMA international roaming service that allows you to make/receive calls with the same phone number overseas with UIM (green/white) and a terminal compatible with the service.

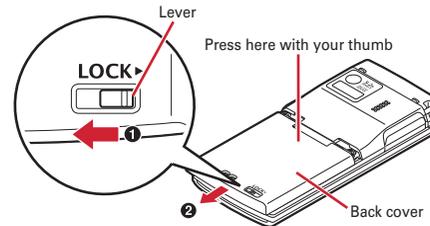
- * If you subscribed to FOMA service on or after September 1, 2005, separate subscription is not required to use WORLD WING. Note that, if you declined to use WORLD WING at subscription to FOMA service or canceled it, you need subscription.
- * If you subscribed to FOMA service on or before August 31, 2005, but not to WORLD WING, separate subscription is required to use WORLD WING.
- * There are some charging plans unavailable.
- * If UIM (green/white) is misplaced or stolen overseas, immediately contact DOCOMO and request for suspension of usage. Please see "General Inquiries" on the back of this manual for contact information. Be careful that you are charged also for calls and/or communications, if any, occurring after misplacement or stealage.

Attaching/Removing battery pack

- After turning power OFF, fold FOMA terminal and hold it in your hand.
- Removing battery pack may cause reservation of Software update to be canceled. When the date and time are set with Auto time adjust set to "OFF" in Date & time, removing battery pack may delete date and time.
- Always lock the back cover lever. If you use the terminal without lock, the back cover may come off.

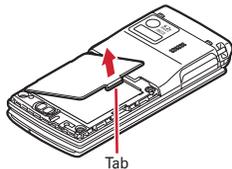
■ Attaching

- ① Slide the back cover lever in the direction of ❶ to unlock, steadily hold FOMA terminal not to slide with one hand, then slide the back cover in the direction of ❷ by 2 mm with a thumb of the other hand to remove it.

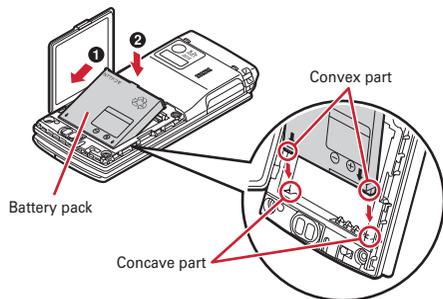


- * When it is difficult to slide a back cover, hold FOMA terminal and slide the back cover with both of your thumbs.

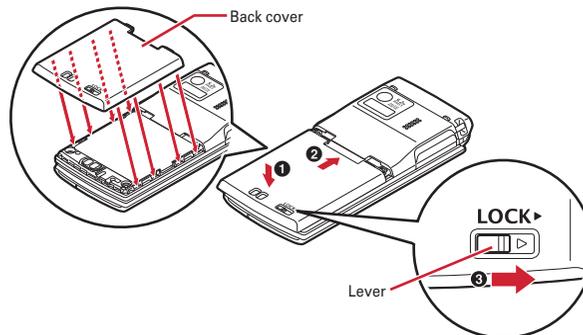
- ② Pinch the tab of the inner lid and open it in the direction of an arrow.
 * The inner lid is designed to be firmly closed to keep the waterproof performance. Note that your nails or fingers may be injured if you try to open it forcibly.



- ③ With the label side of the battery pack upward, align convex parts of the battery pack with concave parts of FOMA terminal and insert the battery pack in the direction of ①, press the battery pack in the direction of ② to set it in, then close the inner lid.

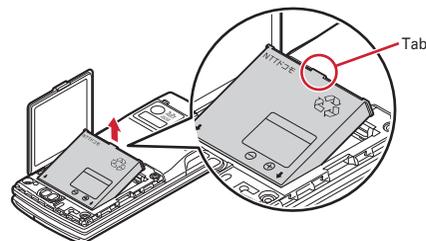


- ④ Place the 8 tabs of back cover to the notches, press back cover in the direction of ① to avoid forming any clearance between FOMA terminal and back cover, slide it in the direction of ② to install, then slide the back cover lever in the direction of ③ to lock.



■ Removing

- ① Perform ①-② of installing operation.
 ② Pinch the tab of battery pack and pick it up in the direction of the arrow to remove.



✓INFORMATION

- Attaching battery pack forcibly into FOMA terminal may damage FOMA terminal jack.
- FOMA terminal or back cover may be damaged if you install or remove battery pack by a method except the procedures above or if you press too hard.
- Firmly install the back cover and lock it with the lever to avoid water seepage.
- The rubber packing of the inner lid play an important role for keeping waterproof performance. Do not remove or scratch it. Also, prevent dust from adhering to it.

❖For better battery pack performance

- **Do not charge the battery for an extended period (several days) with FOMA terminal turned ON.**

After charging has completed with FOMA terminal turned ON, the power is supplied to the terminal from the battery pack. If FOMA terminal is left in that state for a long time, the battery pack may run out causing the low battery alert to sound after using only a short period of time. In this case, remove FOMA terminal from the AC adapter, desktop holder or DC adapter and then reconnect it and charge the battery again.

- **To promote environmental conservation, return your used battery pack to NTT DOCOMO sales outlets, our corporate agencies or the shops that collect used battery in your community.**



Li-ion 00

Charging

The battery pack does not have a full charge at time of purchase. Use AC/DC adapter for FOMA terminal to charge the battery before using FOMA terminal.

- To get the maximum performance from F-08A, always use battery pack F09.

❖Charging times (approximate)

The following is the time for charging an empty battery pack with F-08A's power switched OFF. Charging with the terminal ON or under low temperature requires longer time.

AC adapter	Approx. ●●● min.
DC adapter	Approx. ●●● min.

❖ Operation time on full charge (approximate)

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

Continuous stand-by time	FOMA/3G	Stationary (Auto) : Approx. ●●● H Moving (Auto) : Approx. ●●● H Moving (3G static) : Approx. ●●● H
	GSM	Stationary (Auto) : Approx. ●●● H
Continuous call time	FOMA/3G	Voice call : Approx. ●●● min. Videophone call : Approx. ●●● min.
	GSM	Approx. ●●● min.
1Seg watching time		Approx. ●●● min. (1Seg ECO mode : Approx. ●●● min.)

- Continuous stand-by time indicates the approximate time that the phone can receive radio waves normally with F-08A closed.
- Continuous call time indicates the approximate time that the phone can send or receive radio waves normally.
- 1Seg watching time indicates the approximate watching time with receiving radio waves normally and using Stereo Earphone Set 01 (optional).
- Call, communication or stand-by time may be reduced to about half, or 1Seg watching time may be reduced due to battery pack charging condition, function settings, operating environment such as ambient temperature, radio wave conditions in the area of use (the radio waves are weak or absent), etc.
- Call, communication or stand-by time is reduced by performing i-mode communication. Also, even with no voice calls or i-mode communications made, continuous call/communication/stand-by time is reduced by creating i-mode mail, activating downloaded i-appli, using i-appli stand-by display, performing data communication or multiaccess, using camera, playing moving picture/i-motion, obtaining or playing Music&Video Channel programs, playing music with MUSIC Player, watching or recording 1Seg, etc.

❖ Battery pack life

- The battery pack is a consumable part. Each time it is charged, time available with each charging reduces.
- 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.
- The battery pack's life may be reduced by using i-appli or videophone or watching 1Seg while charging.

❖ Battery charge

- For details, refer to the operation manuals for FOMA AC Adapter 01/02 (optional), FOMA AC Adapter 01 for Global use (optional) or FOMA DC Adapter 01/02 (optional).
- FOMA AC Adapter 01 is applicable only to 100V AC. Though FOMA AC Adapter 02 and FOMA AC Adapter 01 for Global use is applicable to 100-240V 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. Do not charge the battery using a transformer for overseas travel.

✓ INFORMATION

- Some i-appli remains operating even when FOMA terminal is closed, consuming power. In this case, the call, communication or stand-by time may be reduced.
- During a call or communications, charging may not finish. Charging may not complete if you start battery charging while watching/recording 1Seg, playing moving picture/i-motion, obtaining Music&Video Channel program, activating Music&Video Channel player or MUSIC Player, running i-appli. In this case, it is recommended to end the operation, and then charge the battery.
- Charging may not be completed depending on the settings of Display & Key light or in some charging methods, for example, charging FOMA terminal in a open state with "Always on" set to Normal use in Display light time of Display & Key light.
- If you use the videophone or make packet communication or 64K data communication while charging, internal temperature of FOMA terminal may increase and the charging may not finish normally. In this case, wait until the temperature drops and try again.

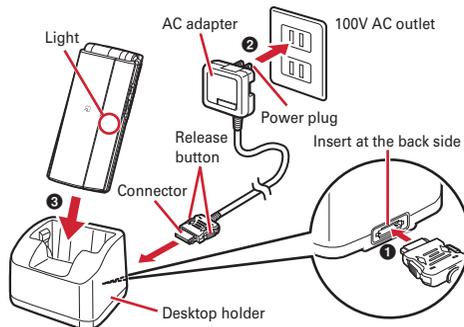
❖ Charging using AC adapter or Desktop holder

Read the respective instruction manual when using the optional FOMA AC adapter, DC adapter or Desktop Holder.

- The battery pack cannot be charged without FOMA terminal. When charging the battery pack, install it to FOMA terminal.

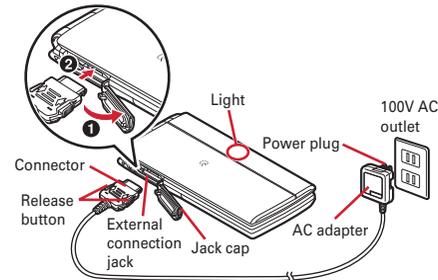
■ Using desktop holder and AC adapter in combination for charging

- ① Insert the AC adapter to the desktop holder, with the arrow on the AC adapter's connector upward.
- ② Unfold the AC adapter's power plug and insert it into a 100V AC outlet.
- ③ With FOMA terminal closed, align the charging terminal of FOMA terminal with the charging jack of the desktop holder, and press the terminal in the direction of the arrow until it clicks.
- ④ After charging is completed, hold the desktop holder and remove FOMA terminal.



■ Charging the battery using AC adapter only

- ① Open jack cap (1) of FOMA terminal, hold the connector horizontally with the arrow side upward and insert it to the jack. (2)
- ② Unfold the power plug and insert it into a 100V AC outlet.
- ③ When charging is over, pull out the power plug from the outlet, and pull out from FOMA terminal horizontally while pressing the release buttons on both sides of the connector.



❖ Charging in a car

By using FOMA DC Adapter 01/02 (optional), charging is available in a car.

- For details, refer to the operation manual of DC adapter.
- When FOMA terminal is not used or you are leaving the car, disconnect the cigarette lighter plug of the DC adapter from the cigarette lighter socket and disconnect the DC adapter connector from FOMA terminal.
- The fuse (2A) of the DC adapter is a consumable part. Contact your nearest automotive supply store for a replacement.

✓ INFORMATION

- Insertion or removal of the AC and DC adapter connectors should be done slowly and carefully so that they are not given excessive force. When disconnecting the connector, pull it straight while pressing the release button. Applying an excessive force to disconnect the connector may give damage to it.

❖ Operations and precautions for charging

When charging starts, a charge start alert sounds, the light turns on and the battery icon on the display blinks. When charging is over, a charge completion alert sounds, the light turns off and the battery icon stops blinking.

- When starting the battery charging, the light turns on in red. In some environments, the light may not light immediately when charging starts; this is normal and not a malfunction. However, if the light does not turn on after a while, disconnect FOMA terminal from the AC adapter, desktop holder or DC adapter then connect it again to start charging. Contact the sales outlet such as docomo Shop if the light does not turn on for a while after charging starts.
- If you receive mail or shoot an image while charging, the light turns on temporarily in a different color, but it is not a failure. It turns on in red after a while.
- When installing the fully charged battery pack to FOMA terminal and connecting it to the AC adapter, desktop holder or DC adapter, the light may turn on for a moment and turn off. This is normal and not a malfunction.
- During a call or communication, in Silent mode or Public mode (Drive mode) or when Charge alert is "OFF", the charge alert does not sound at the start or completion of charge.

Remaining battery level**Checking battery level**

A battery icon appearing on the top of the display shows an approximate remaining battery level.

 (Battery level 3) : Ample charge.

 (Battery level 2) : Low charge.

 (Battery level 1) : Almost exhausted. Charge the battery.

- The battery icon set by default varies by the color of FOMA terminal.
- When FOMA terminal is closed, you can check the battery level on the sub-display.

❖ When battery is almost exhausted

A message indicating the battery is almost exhausted appears. Pressing any one of , ,  keys with FOMA terminal opened deletes the message temporarily. After a while, a battery alarm sounds from the speaker and all icons on the top of the display blink. The power is turned off in approximately 1 minute. Although these operations stop when charging starts, press  to immediately stop the battery alarm.

- During a call, a message appears and a battery alarm sounds from the earpiece. After approximately 20 seconds, the call ends, the battery alarm sounds from the speaker and all icons on the top of the display blink.
- When FOMA terminal is closed, a message indicating the battery is almost exhausted appears.

❖ Checking battery level with sound and display <Battery level>

1  [Settings & NW services]    

The battery level is displayed and the sound set for Keypad sound (→P86) is emitted according to the level. After a while, the screen returns to the menu list.

Battery level 3 : 3 short beep sound

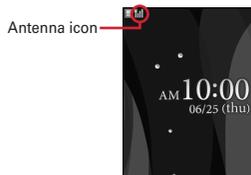
Battery level 2 : 2 short beep sound

Battery level 1 : 1 short beep sound

Power ON/OFF**Turning power ON/OFF****❖ Turning power ON****1**  (2 sec. or more)

The wake-up screen appears and the stand-by display appears.  appears at the bottom of the display while reading UIM.

- An antenna icon appearing at the top of the display shows the approximate received signal level.



Antenna icon

Stand-by display

Icon		圏外
Received signal level	Strong ← → Weak	Out of service area or where radio waves do not reach

- The battery icon set by default varies by the color of FOMA terminal.
- When you turn the power ON after installing the battery pack, a message indicating it appears.
- When FOMA terminal is closed, you can check the received signal level on the sub-display.

❖ Turning power OFF**1**  (2 sec. or more)**❖ Operations to perform after turning the power ON at the first time**

When turning the power ON for the first time, operate in the order of "拡大メニューの設定 (enlarged menu setting)" → "Initial setting". The settings made can be changed later.

- When initialization is finished, a confirmation screen of software update function appears. Press  to display the stand-by screen.

❖ Enlarged menu setting**1** "Yes" or "No" on the confirmation screen

- When selecting "Yes", "拡大メニュー (enlarged menu)" of Kisekai Tool is set. If you cancel the confirmation screen by pressing  or , the confirmation screen reappears when the power is turned ON the next time.

❖ Default setting

- Always set Password. When  or ,  is pressed before setting terminal security code, a confirmation screen for exiting appears. If you exit by selecting "Yes", the initial setting screen reappears when the power is turned on next time.
- You can also display the initial setting screen by pressing  [Settings & NW services]    on the stand-by display.

1 Set required items on Initial setting screen 

Date & time : Set the date and time. →P50

Password : Change the terminal security code after performing authentication. →P105

Keypad sound : Set the confirmation sound when a key is pressed. →P86

Text size : Set size of characters for phonebook, mail, etc. →P101

❖ Checking Welcome mail

"オースメ◇◇BEST[国]◇◇ (Recommendation)", "緊急速報「エリアメール」のご案内 (Early warning "Area Mail" information)", "Welcome◇◇デコメアニメ [国] (Decome-Anime)" mail messages are saved by default. [国] appears on the stand-by display, and the light (blink) indicates that there is unread mail.



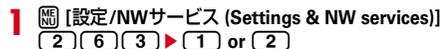
The next procedures→P142 Step 2 and the following steps in "Displaying mail in inbox/outbox/unsent mailbox"

✓INFORMATION

- When UIM is replaced, authentication is required after turning ON FOMA terminal. When authentication is succeeded, the stand-by display appears. If an incorrect terminal security code is entered 5 times consecutively, the power is turned off (the power can be turned on again).
- If no operation is performed with something displayed on the screen, the display light is turned off automatically according to the settings in Light time-out or Power saving mode. It also applies while making a call. The display light turns on again if there is any operation or incoming call.

Select language

Changing screen display to English



✓INFORMATION

- This setting is also saved to UIM.
- Even if setting to "English", the displayed menu is not switched to English in some Kisekae Tool. Note that, when Kisekae Tool in "Preinstalled" folder is set, a menu dedicated to "English" is displayed.
- Even if changing this setting, the title of Shortcut icon is not changed from the language set when the shortcut icon was pasted.

Date & time

Setting date and time

You can set so that the time or time difference is automatically corrected or directly enter the date and time. With automatic correction set, the time is corrected when receiving the time information from DOCOMO's network in Japan or the time difference correction information from the telecommunications carrier used overseas.



Auto time adjust : Set whether time is corrected automatically.

- When "ON", Offset can be set.
- When "OFF", set the date and time. Time zone and Summer time may also be set.

Offset : When "+", the displayed time is always set forward the specified period of time from the corrected time. When "-", the displayed time is always set back the specified period of time from the corrected time.

Date : The date can be entered up between January 1, 2000 and December 31, 2050.

Time : Enter the time in the 24-hour format.

Time zone : When moving to a place with time difference, set the time zone without changing the date and time settings.

- Time difference from the previously set time zone is calculated and displayed.
- Set "GMT+09:00" in Japan.

Summer time : When "ON", the displayed time is set forward one hour from the specified time.

✓INFORMATION

◀When setting Auto time adjust to "ON"▶

- Time or time difference is corrected when FOMA terminal is turned ON. If not corrected for a while after turning FOMA terminal ON, once turn FOMA terminal OFF and then turn it ON again. Note that, when no UIM is installed or in some radio wave conditions, time is not corrected even if FOMA terminal is once turned OFF and turned ON again.
- When time difference is corrected, a message indicating it appears.
- After time or time difference is corrected overseas, the time displayed for call histories and sent mails is local time.
- Time difference is not corrected in some networks overseas.
- The corrected time or time difference may have an error of several seconds.

<When the correction has never been performed and date and time are displayed with "-" or "?">

- Flash graphics, Machi-chara, etc. that use clock or date/time are not displayed correctly. Also, functions requiring date/time information such as Auto start, Reserve, downloading or playing data with Replay Restriction, operating a user certificate, etc., cannot be activated.
- Date and time of each data are not recorded and displayed as "----/--/--" or "-----". A segmental number furthermore (number to segmentalize) may be appended.

<When setting date/time with Auto time adjust set to "OFF">

- When the date/time are deleted because of removing of the battery pack or leaving the battery for a long time after the battery exhausted, set the date/time again after charging the battery.

Caller ID notification

Notifying the other party of your phone number

You can notify your phone number (caller ID) to the other party's terminal when making a voice call or videophone call.

- For details, refer to "Mobile Phone User's Guide [Network Services]".
- Caller ID is your important information. Carefully consider whether you want to include caller ID information when making a call.
- The caller ID is displayed only when the phone of the other party can display the caller ID.
- Setting operations for this function is disabled from a location out of service area.

 [Settings & NW services]       or 

- Press  [Settings & NW services]     and select "Yes" to check the current settings.

❖ Priority of Caller ID notification

There are multiple methods to notify your phone number to the other party. If you set or perform these methods simultaneously, the caller ID operations are performed with the following priorities. The displayed setting and actual Notify/Not notify may differ.

- When setting a caller ID notification method in Call option for dialing→P61
- When "186" or "184" is prefixed to phone number to dial→P61
- Caller ID settings of phonebook→P78
- Activate/Deactivate of Caller ID notification

✓INFORMATION

- If an announcement of requesting caller ID is heard when making a call, make a call again after setting your caller ID to be notified.

User information

Checking your own phone number

You can check your phone number (My phone number), Name, Mail address, etc.

  [User information]

Checking during a call etc. :  

✓INFORMATION

- For details of how to check i-mode mail address, see "Mobile Phone User's Guide [i-mode] FOMA version".
- When 2in1 is in Dual mode, you can press  to switch User information between Number A and B.
- With 2in1 ON, if replacing UIM (2in1 subscriber→2in1 subscriber), set 2in1 to OFF then set it to ON again to obtain the correct Number B, or obtain Number B from User information.→P328
- Also, if replacing UIM (2in1 subscriber→2in1 non-subscriber), set 2in1 to OFF to update to the correct user information.→P355

Specific absorption rate (SAR) of mobile phone

◆ SAR certification information

This model phone FOMA F-08A meets the MIC's^{*1} technical regulation governing exposure to radio waves.

The technical regulation established permitted levels of radio frequency energy, based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The regulation employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit is 2 watts/kilogram (W/kg)^{*2} averaged over 10 grams of tissue. The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The value of the limit is equal to the international guidelines recommended by ICNIRP.^{*3}

All phone models should be confirmed to comply with the regulation, before they are available for sale to the public. The highest SAR value for this FOMA F-08A is 1.44 W/kg. It was taken by the Telecom Engineering Center (TELEC). The test for SAR was conducted according to the MIC testing procedure using standard operating positions with the phone transmitting at its highest permitted power level in all tested frequency bands. While there may be differences between the SAR levels of various phones and at various positions, they all meet the MIC's technical regulation. Although the SAR is determined at the highest certified power level, the actual SAR of the phone during operation can be well below the maximum value. For further information about SAR, please see the websites below.

World Health Organization (WHO) :

<http://www.who.int/peh-emf/>

ICNIRP :

<http://www.icnirp.de/>

MIC :

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

TELEC :

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

NTT DOCOMO :

<http://www.nttdocomo.co.jp/english/product/>

FUJITSU LIMITED :

<http://www.fmworld.net/product/phone/sar/>

*1 Ministry of Internal Affairs and Communications.

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

*3 International Commission on Non-Ionizing Radiation Protection.

◆ Declaration of Conformity

The product "F-08A" 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 at <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^{*} limits^{**} for exposure to radio-frequency(RF) energy, which SAR^{*} value, when tested for compliance against the standard was 0.965 W/Kg. While there may be differences between the SAR^{*} levels of various phones and at various positions, they all meet^{***} the EU requirements for RF exposure.

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

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

*** Tests for SAR have been conducted using standard 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 1.06 W/kg, and when worn on the body, is 0.776 W/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/> (please search on FCC ID VQK-F08A).

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 1.5 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

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.