◆ Settings when replacing UIM

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

| Setting | Changed contents |
|---|---|
| My phone number , 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. |
| Access setting of Full Browser | Set to "No" regardless of the setting before replacement. |
| Cookie set/delete of Full Browser | Set to "Invalid" regardless of the setting before replacement. Cookie information is retained, but if setting to "Valid" or "Valid(notify)" 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 | P82 |
| User certificate download to use FirstPass | Unavailable | Available | P192 |
| WORLD WING service | Unavailable | Available | P396 |
| Service Numbers | Unavailable | Available | P389 |

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.
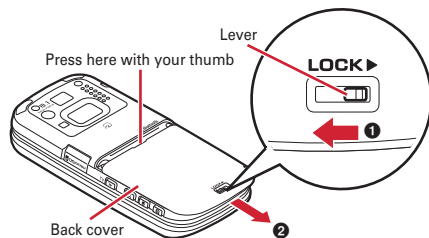
* If you subscribed to FOMA service on or after September 1, 2005, separate subscription is not required to use WORLD WING. Note that, if you declined to use WORLD WING at subscription to FOMA service or canceled it, you need subscription.
* If you subscribed to FOMA service on or before August 31, 2005, 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.
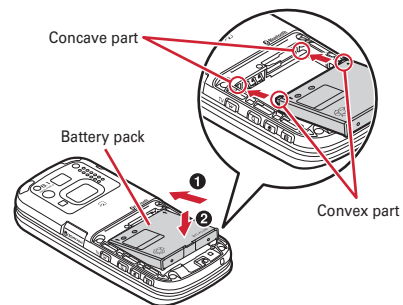
## Attaching/Removing battery pack

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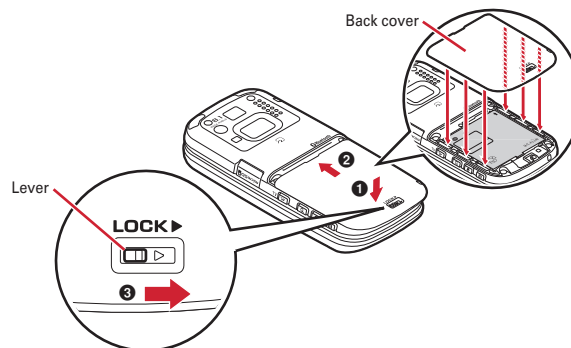
■ **Attaching**
ⓐ Slide the back cover lever in the direction of ❶ to unlock, steadily hold FOMA terminal not to slide with one hand, then slide the back cover in the direction of ❷ by 2 mm with a thumb of the other hand to remove it.

Lever

Press here with your thumb

Back cover

ⓑ With the label side of the battery pack upward, align convex parts of the battery pack with concave parts of FOMA terminal and slide the battery pack in the direction of ❶, then press the battery pack in the direction of ❷ to set it in.
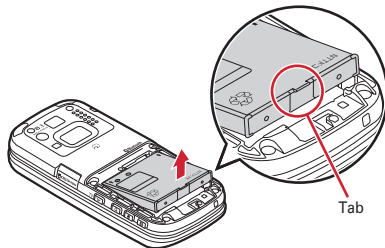
Concave part

Battery pack

Convex part

ⓒ Place the 6 tabs of back cover to the notches, press back cover in the direction of ❶ to avoid forming any clearance between FOMA terminal and back cover, slide it in the direction of ❷ to install, then slide the back cover lever in the direction of ❸ to lock.

Back cover

Lever

■ **Removing**
ⓐ Perform ⓐ of installing operation.

② Pinch the tab of battery pack and pick it up in the direction of the arrow to remove.

Tab

✔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.

❖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-09A, use battery pack F10.

❖Charging times (approximate)
The following is the time for charging an empty battery pack with F-09A'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<br>Moving (Auto) : Approx. ●●● H<br>Moving (3G static) : Approx. ●●● H |
|---|---|---|
| | GSM | Stationary (Auto) : Approx. ●●● H |
| Continuous call time | FOMA/3G | Voice call : Approx. ●●● min.<br>Videophone call : Approx. ●●● min. |
| | GSM | Approx. ●●● min. |
| 1Seg watching time | | Approx. ●●● min.<br>(1Seg ECO mode : Approx. ●●● min.) |

・Continuous stand-by time indicates the approximate time that the phone can receive radio waves normally with F-09A 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-αppli, using i-αppli stand-by display, performing data communication or multiaccess, using camera, playing movie/i-motion, obtaining or playing Music&Video Channel program, playing music with MUSIC Player, watching or recording 1Seg, making Bluetooth connection, 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-αppli 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 in is required. Do not charge the battery using a transformer for overseas travel.

✔INFORMATION
・Some i-αppli 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 movie/i-motion, obtaining Music&Video Channel program, activating Music&Video Channel player or MUSIC Player, running i-αppli. 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.
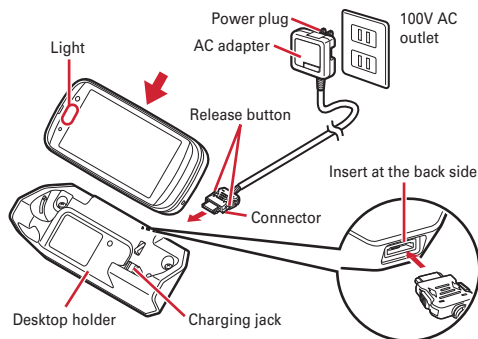
❖**Charging using AC adapter or Desktop holder**

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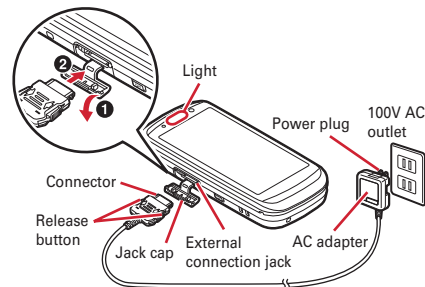
■ **Using desktop holder and AC adapter in combination for charging**
①Insert the AC adapter to the desktop holder, with the arrow on the AC adapter's connector upward.
②Unfold the AC adapter's power plug and insert it into a 100V AC outlet.
③With FOMA terminal closed, align the charging terminal of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



■ **Charging the battery using AC adapter only**
①Open jack cap (❶) of FOMA terminal, hold the connector horizontally with the arrow side upward and insert it to the jack. (❷)
②Unfold the power plug and insert it into a 100V AC outlet.
③When 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.

Before Using the Handset 55

✔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.
Also, deterioration of the battery pack is measured at the completion of the battery charge. For the deteriorated battery, "Time to exchange battery" appears on the stand-by display after you disconnect the terminal from the AC adapter, desktop holder or DC adapter. You can also check the deterioration by menu operations.→P57
･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 or with Charge alert "OFF", the charge alert does not sound at 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 5) : Ample charge (81-100%).
📶(Battery level 4) : Slightly low charge (61-80%).
📶(Battery level 3) : Low charge (41-60%).
📶(Battery level 2) : Very low charge (21-40%).
📶(Battery level 1) : Almost exhausted (20% or less). Charge the battery.
･The battery icon set by default varies by the color of FOMA terminal.
･You can change the battery icon in Battery icon to display the battery level in percent figures as 📶-📶. Consider the battery level to be a rough guide. When the battery is 10% or less, charge it as early as possible.

✔INFORMATION
･Battery level information is corrected to improve the battery level accuracy. Corrected information is reset when battery pack is replaced because it is the information unique to the battery pack. Therefore, error may temporarily become larger immediately after the battery pack is installed.
･When the battery level is displayed in a percent figure, it may be increased or decreased approximately by 10% in the process of correction, however, it is not a failure. Note that, when the correction is made with the battery level approximately 10%, it may suddenly become 0% and battery alarm may sound.
･The error of the battery level may temporarily become larger in the following cases.
- An old battery pack (heavily used battery pack) is used.
- A new battery pack and an old battery pack are alternately used.
- Difference in temperature between a battery pack and FOMA terminal is considerable when used.
- A battery pack left for a long time is used.

❖When battery is almost exhausted

When the battery level is 1% or less, a message indicating the battery is exhausted appears. Pressing any one of ⚫, [CLR], [📞] 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.
･When the battery level is 2%-5% during a call, a message appears and the 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.

## ◆ Checking battery level with sound and display <Battery level>

**1** m **[Settings & NW services]** 7 6 4 1

The battery level is displayed and the sound set for Key/touch sound (→P94) is emitted according to the level. After a while, the screen returns to the menu list.
Battery level 5 (81-100%) : 5 short beep sound
Battery level 4 (61-80%) : 4 short beep sound
Battery level 3 (41-60%) : 3 short beep sound
Battery level 2 (21-40%) : 2 short beep sound
Battery level 1 (20% or less) : 1 short beep sound

### Self-check
## Checking deterioration of battery

**Deterioration of the battery pack is measured at the completion of the battery charge, and you can check the result on the screen.**

・When the deterioration information is never obtained after the battery pack is installed or immediately after the battery pack is removed, a message "フル充電時にセルフチェックを行います (Make self-check when battery is fully charged)" appears. Deterioration cannot be accurately measure if you stop charging in the middle or remove a battery pack after the battery is fully charged.

**1** m **[Settings & NW services]** 7 6 4 2

・The confirmatory result of the deterioration is displayed in the following three levels. When the result is not "Battery available", a warning tone sounds according to the setting of Charge alert.
 - **Battery available :** You can use it without any problem.
 - **Battery slightly worn out. It might not be used for a long time :** Available time per charge is shorter than the one at the time of purchase.
 - **Time to exchange battery :** Available time per charge is less than half the time at the time of purchase. It is recommended you exchange the battery pack as early as possible.
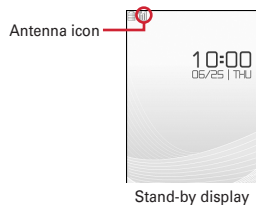
✔**INFORMATION**
・Consider the confirmatory result to be a rough guide.
・When the battery pack is removed, deterioration information is restored to the default. After you install the battery pack again, charge the battery full several times to obtain the accurate information.

## Power ON/OFF
# Turning power ON/OFF

❖**Turning power ON**

**1** f **(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

10:00
06/25 THU

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.

❖**Turning power OFF**

**1** f **(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 g 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 Kisekae Tool is set. If you cancel the confirmation screen by pressing a or f, the confirmation screen reappears when the power is turned ON the next time.

❖**Default setting**

• Always set Password and Request permit/deny. When C or a, f is pressed before setting terminal security code or Request permit/deny, a confirmation screen appears asking you to exit. If you exit by selecting "Yes", this confirmation screen reappears when the power is turned ON the next time.
• On the stand-by display, initial setting screen is also displayed by pressing m [Settings & NW services] 768.

**1** **Set required items on Initial setting screen**▶C

**Date & time** : Set the date and time.→P59
**Password** : Change the terminal security code after performing authentication. →P111
**Fingerprint** : After performing authentication, register the fingerprint to be used for authentication.→P113
**Key/touch sound** : Set a confirmation sound emitted when a key is pressed or touch operation is performed.→P94
**Text size** : Set size of characters for phonebook, mail, etc.→P107
**Request permit/deny** : After performing authentication, set if you provide location information. To permit the location request in a specified period, set the permission period in Request permit/deny.→P294
**Pointing device** : Set effective area and speed.→P48

❖**Checking Welcome mail**

"オススメ◇BEST⑤◇ (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△△ (Decome-Anime)" mail messages are saved by default. � appears on the stand-by display, and the light (blink) indicates that there is unread mail.

**1** g▶g

The next procedures→P151 Step 2 and the following steps in "Displaying mail in inbox/outbox/unsent mailbox"

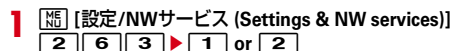✔**INFORMATION**
・When UIM is replaced, authentication is required after turning ON FOMA terminal. When authentication is succeeded, the stand-by display appears. If an incorrect terminal security code is entered 5 times consecutively, the power is turned off (the power can be turned on again).
・If no 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.

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**Select language**

## Changing screen display to English

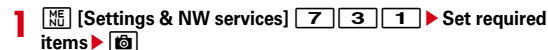You can select language from Japanese or English (Select language).

**1** m [設定/NWサービス (**Settings & NW services**)] 263▶1 or 2

✔**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.

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**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.

**1** m [**Settings & NW services**] 731▶Set required items▶C

**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.

**1** `m` **[Settings & NW services]** `8` `4` `1` `1` ▶ `1` or `2`

- Press `m` [Settings & NW services] `8` `4` `1` `2` 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.
① When setting a caller ID notification method in Call option for dialing→P69
② When "186" or "184" is prefixed to phone number to dial→P69
③ Caller ID settings of phonebook→P86
④ 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.**

**1** `m` **[User information]**

Checking during a call etc. : `q` `0`

✔**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 `a` 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.→P353
  Also, if replacing UIM (2in1 subscriber→2in1 non-subscriber), set 2in1 to OFF to update to the correct user information.→P391

## Specific absorption rate (SAR) of mobile phone

### ◆ SAR certification information

This model phone FOMA F-09A 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-09A is 0.498 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-09A" 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 0.297 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.

◆**Industry Canada (IC) Notice**

・Operation is subject to the following two conditions :
 ① this device may not cause interference, and
 ② this device must accept any interference, including interference that may cause undesired operation of the device.

◆**FCC and IC RF Exposure Information**

This model phone meets the U.S. Government's and Canadian 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 and IC of the Canadian 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 and IC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions as accepted by the FCC and IC 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 and IC that it does not exceed the limit established by the U.S. and Canadian 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 and IC for each model. The highest SAR value for this model phone as reported to the FCC and IC, when tested for use at the ear, is 0.266 W/kg, and when worn on the body, is 0.527 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC and IC requirements).
While there may be differences between the SAR levels of various phones and at various positions, they all meet the U.S. and Canadian government requirements. The FCC and IC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC and IC 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-F09A).
For body worn operation, this phone has been tested and meets the FCC and IC 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 and Canada, 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.