

# DOCOMO W-CDMA System

Thank you for purchasing the docomo STYLE series SH-02A. Make sure thoroughly read this manual and the manuals included with optional accessories before and during use to ensure proper operation. If any of the contents in this manual are unclear, please contact number listed in “General Inquiries” on the back of this manual.

The SH-02A is designed to make your everyday life more convenient. Careful use will ensure a long service life.

## Using the FOMA terminal

- Because it relies on radio signals, the FOMA terminal cannot be used in places with no signal (such as tunnels, underground, or in buildings), in places with a weak signal or outside the FOMA service area. There may be times when the terminal cannot be used in the upper floors of a building even with no obstructions in sight. There may also be times when the signal is strong and you are not moving but the call is interrupted.
- Make sure not to disturb others when using in public places, places with many people or quiet places.
- Because the FOMA terminal uses electrical signals, it is possible for a third party to listen in on a conversation. However, the W-CDMA system automatically applies privacy to every call, a third party that tries to listen in only hears static.
- The FOMA terminal converts conversations into a digital signal and sends it to the other party over the radio. If the signal cannot be reconverted properly by such as moving to an area with a weak signal, the voice may not be heard correctly.
- Keep a separate memo and note information (e.g. phonebook, schedule, Text memo, Record message, Voice memo) stored in the FOMA terminal. DOCOMO shall not be liable for any loss of content due to a failure, repair, upgrade or other handling of the FOMA terminal.

- Save the important data to the microSD Card. Or, forward and store the information such as a phonebook, mail and schedule to a PC using DOCOMO keitai datalink.
- The user hereby agrees that the user shall be solely responsible for the result of the use of SSL. Neither DOCOMO nor the certifier as listed herein makes any representation and warranty as for the security in the use of SSL. In the event that the user shall sustain damage or loss due to the use of SSL, neither DOCOMO nor the certifier shall be liable for any such damage or loss.
- Certifier: VeriSign Japan K.K., Cybertrust Japan, Inc., GlobalSign K.K., RSA Security Japan Ltd., Secom Trust Systems Co., Ltd., Comodo CA Ltd
- This FOMA terminal supports the FOMA Plus-Area and the FOMA HIGH-SPEED area.
- This FOMA terminal can be used only via the FOMA network provided by DOCOMO and DOCOMO's roaming area.

## Using this manual

This FOMA terminal supports Kisekae Tool (☞ P. 95). When the Custom menu image is changed by Kisekae Tool, some items in the Custom menu may be changed according to the menu history. In addition, some items cannot be selected even if the function numbers are entered.

In this case, operations may not run as explained in this manual. Switch the menu screen to the Basic menu (☞ P. 32) or perform the Reset menu screen (☞ P. 96).

Download the latest information on this manual from the DOCOMO website.

- “User’s Manual (in PDF format)” Download  
<http://www.nttdocomo.co.jp/english/support/manual/index.html>

※ The URL and contents of this manual are subject to change without prior notice.

## Viewing/Searching this manual

This manual uses illustrations and icons to explain operations for proper phone use.

- Icons and screens that appear on the display have been set by default in accordance with the handset color (Kisekae Tool  P. 95). Refer to "Menu list" on P. 404 for the default settings in each handset color. The explanations in this manual are based on the case when Kisekae Tool is set for the handset color "Ice White".
- The screens and illustrations in this manual are shown as examples. The actual screens and illustrations may differ.

### Searching this manual

Use the following ways to find explanations in this manual.

**Index** ( P. 468) Search for function names or service names.

**Easy search**  
( P. 4) Search for frequently used or convenient functions using easy-to-understand language.

**Indexed pages**  
( Cover) Search this manual using the index on the cover and the sides of pages.

(See the next page for details)

**Contents**  P. 6

**Main functions**  P. 8

**Menu list**  P. 404

**Quick manual**  P. 478

The basic functions are explained briefly. Cut the Quick manual to keep as a reference when away from home.

In addition, the Quick Manual "Overseas Use" is available. Use it when using the FOMA terminal overseas.

- Note that "SH-02A" is referred to as the "FOMA terminal" in this manual.
- This manual describes functions using the microSD Card. Please note that microSD Card are sold separately. For details on microSD Card  P. 314
- This manual refers to microSD Card as "microSD Card" or "microSD".
- This manual refers to "Osaifu-Keitai compatible i-appli with IC card function" as "Osaifu-Keitai compatible i-appli".
- Reproduction of this manual in part or in whole is prohibited.
- The contents of this manual are subject to change without prior notice.

### Notation of keys and operation procedure

- This manual refers to keys as simplified icons.

Actual key	Notation in this manual
	 (Refer to "Component names and functions" on P. 24)

- The notation and meaning of operation procedure are shown below.

Notation	Meaning
In the Custom menu, select [Settings]  [Disp/LED/Power saver].	In the Custom menu, select [Settings] with  and press  → select [Disp/LED/Power saver] with  and press  .

- For details on default settings  P. 404

#### Viewing the display

- The explanations in this manual are based on default settings. The actual screens may differ depending on settings changed after purchase.
- When Flash movies and icons featuring animation effects are displayed, screens may differ from those described in this manual.

As an example, how to look up the Alarm function using the Index, Easy search, and Indexed pages are explained below.

- Content differs from actual pages in this manual.

## Index P. 468

Use this when you know the function or service name, or to search for function names that appear on the display.



Save list .....	123	Basic menu .....	108
Settings .....	123	Icon image .....	108
Additional services .....	394	Key list .....	108
Reply message .....	394	Reset menu screen .....	108
After-sales service .....	455	Set background .....	108
<b>Alarm .....</b>	<b>349</b>	Battery .....	
Click alarm .....	350	Battery pack .....	46
Reception/Recording reserve alarm .....	261	Charging .....	47
Schedule alarm .....	353	Check battery level .....	51
		Times of use .....	48

## Easy search P. 4

Search for frequently used or convenient functions using easy-to-understand language.

Other features	
Using the desktop clock .....	(Desktop clock) 101
Saving battery power .....	(Light/Power saver) 103
Scanning QR codes and bar codes .....	(Bar code reader) 146
Playing back PC movie .....	(Internet movie player) 277
Using microSD Card .....	(microSD Card) 299
Ir-exchanging information .....	(Ir exchange) 314
Listening to music .....	(Music&Video Channel/Music playback) 325
<b>Setting the alarm .....</b>	<b>(Alarm) 349</b>
Using the calculator .....	(Calculator) 352
Using the mobile phone overseas .....	(Overseas use) 401

P. 343  
Page that  
explains "Alarm"

## Indexed pages Cover

Search for functions going in the order of "cover" → "beginning of the chapter" → "description page". The beginning of each chapter shows a table of contents.

Full Browser/PC Movie	█
Data Display/Edit/Management	█
Music&Video Channel/Music Playback	█
<b>Convenient Functions</b>	<b>█</b>
Character Entry	█
Network Services	█
PC Connection	█

Co	
Checking settings for various functions .....	<Check settings>346
Multitaccess .....	<Multitaccess>346
Using Multi Assistant (Multitask) .....	<Multi Assistant (Multitask)>346
Turning power on automatically .....	<Auto power ON>347
Turning power off automatically .....	<Auto power OFF>348
Sounding alarm after set time passes .....	<Timer>348
<b>Sounding alarm at set time .....</b>	<b>&lt;Alarm&gt;349</b>
Managing schedules .....	<Schedule>351
Accessing functions quickly .....	<Shortcut menu>356
Searching by various methods .....	<Quick search>358

This is the function name as it appears in the index.

The outline of each function and additional information are explained.

The operation is detailed in steps.

Additional information, precautions, and advice relating to operations are explained.

Each operation is explained when the operations are different depending on the selected items.

**Alarm**

### Setting alarm at set time

#### Setting alarms

- In the Custom menu, select [LifeKit] ▶ [Timer/ Alarm] ▶ [Alarm].
- Select a number to register ▶ [1].
- Select [Enter Time] ▶ enter a time (24-hour format) ▶ [1:00].
- Select [Set repeat] ▶ select the repeat method ▶ [1].
- Select [Message] ▶ enter a message ▶ [1].
  - Enter up to 60 single-byte (30 double-byte) characters.
- Select [Contacts] ▶ select the entry method.
  - Select [Search phonebook] ▶ select a name ▶ [1].
  - Select [Direct input] ▶ enter a phone number ▶ [1].
- Select [Alarm tone] ▶ select an alarm tone ▶ [1].
  - To check an alarm tone: Select an alarm tone ▶ [1].
  - To not sound an alarm: Select [Alarm tone] ▶ [Not set].
- Select [Alarm volume] ▶ adjust the volume with [1] ▶ [1].
- Select [Snooze setting] ▶ [ON] ▶ enter the interval ▶ [1] ▶ enter the number of times to ring alarm ▶ [1].
  - Set the alarm's interval and the number of times to ring the alarm.
- Select [Ring duration] ▶ enter the ring duration ▶ [1].
- Press [1].

**Note**

- When multiple alarms are set to the same time, they are prioritized in the following order.  
Alarm function Recording → Reception → Alarm → Schedule
- If the timers for starting or recording 1Seg programs are set for the same time, Reception reserve alarm is not activated.

■ Setting details screen layout

**Related Operations**

Set alarm from stand-by <Quick alarm>  
In stand-by, enter a time (four digits: 24-hour format) ▶ [1] ▶ [Quick alarm].

**Note (Related operations)**

- Schedule is registered for the current day (following day if the time has already passed), [No category] for the category, and [Quick alarm] for the message.

Necessary information, precautions and other information for using functions are explained.

The explanations of screen display are shown. Refer to the screens while using the FOMA terminal (Text which is input, numbers and settings are examples).

Search by chapter from the index.

349  
Page number

※ Content differs from actual pages in this manual.

## Easy Search

Use this feature to search for functions using easy-to-understand language.



### Useful functions for making a call

Notifying/Hiding caller ID . . . . . (Notify caller ID)	45
Putting a call on hold while talking. . . . . (Hold active call)	50
Switching to Videophone during a voice call . . . . . (Switch a voice/Videophone call during a call)	50
Adjusting volume of the other party's voice . . . . . (Earpiece volume)	61



### When unable to take a call

Placing a call on hold without answering call. . . . . (On hold)	61
Indicating that it is necessary to refrain from talking on mobile phone . . . . . (Public mode (Drive mode))	62
. . . . . (Public mode (Power OFF))	63
Recording phone messages . . . . . (Record message (voice/Videophone calls))	64



### Changing melody and illumination

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Setting Manner mode . . . . . (Manner mode)	88
Changing light color and pattern for incoming calls . . . . . (LED color settings/LED pattern settings)	99



### Changing/Knowing display

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### Using mail

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## Using camera

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## Using 1Seg

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## Securing the FOMA terminal

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## Other features

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Using mobile phone overseas . . . . . (Overseas use)	000
Updating software . . . . . (Software update)	447
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\*1 This service is a paid service.

\*2 This service is a paid service that requires subscription.

Frequently used functions are described in the Quick manual (P. 478).

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### Before Using the Handset P. 23

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### Voice/ Videophone Calls P. 47

Make a call, Switch a voice/Videophone call, Redial/Received calls, Chaku-moji, WORLD CALL, In-car hands-free, Receive a call, Any key answer, Set when folded, Earpiece volume, On hold/Hold, Public mode, Record message, Chara-den, Videophone settings, etc.

### Phonebook P. 73

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### Sound/Screen/ Light Settings P. 83

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### Security Settings P. 103

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### Mail P. 121

Compose and send, Deco-mail, Decome-Anime, File attachment, Save, Receive, Check new messages, Reply/Forward, Acquire/Check attached file, Mailbox, Mail setting, Message R/F, Early Warning "Area Mail", SMS, WEB Mail, etc.

### i-mode/ i-motion/ i-Channel P. 153

View/Operate sites, i-mode password, Login information, Internet access, Bookmark, Screen Memo, Download, Upload, i-mode setting, SSL certificates, i-motion, i-Channel, etc.

### Full Browser/ PC Movie P. 175

Display web pages designed for PC, Full Browser setting, Internet movie player, etc.

### Camera P. 185

Shoot still picture, Shoot movie, Change settings, Bar code reader, Character Reader (OCR), Card reader, Cameraloupe, Shotdeco, etc.

<b>1Seg</b> P. 207	Channel setting, Activate 1Seg, Program guide, Record 1Seg, Booking list, Use data broadcasting, TVlink, 1Seg settings, etc.
<b>Music</b> P. 225	Music&Video Channel, Play music, MUSIC Player, Manage data, etc.
<b>i-αppli</b> P. 243	Download, Activate i-αppli, Auto start, i-αppli stand-by, Manage i-αppli, etc.
<b>Osaifu-Keitai/ ToruCa</b> P. 265	iC transfer service, Start compatible i-αppli, IC card lock, IC owner, Retrieve ToruCa, ToruCa Viewer, ToruCa settings, etc.
<b>Map/GPS Function</b> P. 277	Position location, Compatible i-αppli, Location request menu, Location notification, Location history, Use location information, etc.
<b>Data Management</b> P. 293	Image Viewer, Edit image, i-motion player, Edit movie, Video player, Chara-den player, Machi-chara, Melody player, microSD Card, Manage various data, Ir communication, iC communication, Voice recorder, Manga&BookReader, etc.
<b>Convenient Functions</b> P. 339	Check settings, Multiaccess, Multi Assistant (Multitask), Auto power ON/OFF, Timer, Alarm, Schedule, Shortcut menu, Quick search, Owner information, Voice memo, Talk time/cost, Calculator, Text memo, Earphone/Microphone with switch, etc.

<b>Character Entry</b> P. 361	5-touch, Save phrases, Copy text, User dictionary, Download dictionary, Guess conversion, 2-touch, etc.
<b>Network Services</b> P. 371	Voice Mail, Call Waiting, Call Forwarding, Nuisance Call Blocking, Caller ID request, Dual Network, English guidance, Service number, Arrival Call Action, Remote control, Multi Number, 2in1, OFFICEED, Additional services (USSD), etc.
<b>Overseas Use</b> P. 387	International roaming (WORLD WING), Make a call, Receive a call, Network search mode, PLMN setting, Operator name display, Roaming guidance, etc.
<b>PC Connection</b> P. 397	Data communication, Setup for data transfer (OBEX™ communication), Setup for data communication, AT commands, CD-ROM, DOCOMO keitai datalink, etc.
<b>Appendix/ Troubleshooting</b> P. 403	Menu list, Dial key assignments, Multiaccess combinations, Multi Assistant (Multitask) combinations, Options and related devices, Troubleshooting, List of error messages, Warranty and After-Sales Services, Software update, Scanning function, Main specifications, Intellectual property rights, etc.
<b>Index/Quick Manual</b> P. 467	Index, Quick Manual, Quick Manual "Overseas Use"

## Main functions of SH-02A

### i-mode mail/Deco-mail/Deco-mail pictograph

☎ P. 122, P. 123, P. 365

Attach pictures, movie files, etc. to a message. Deco-mail/Deco-mail pictograph is available. Change text color, character size, and background color and insert images or moving pictographs. Also, for Decome-Anime, compose expressive mail by inserting texts to the template.

### HIGH-SPEED area supported

☎ P. 398

FOMA HIGH-SPEED area is supported so that high speed communication is available with download speed of up to 3.6 Mbps and upload speed of up to 384 kbps.\*

\* The maximum values mentioned above are the values based on the technical standard. The actual connection speed varies depending on the network congestion or transmission environment. The data is sent and received at the maximum speed of 384 kbps outside the FOMA HIGH-SPEED area or when a connection is made to an access point that does not support HIGH-SPEED.

### 1Seg

☎ P. 208

Watch "1Seg", which is digital terrestrial broadcasting for mobile devices. Additionally, record videos which are compatible with recording still pictures and Dubbing10 (☎ P. 318) while watching 1Seg.

### Kisekai Tool

☎ P. 95

Change the screens such as your favorite stand-by display and menu screens collectively. With SH-02A, sort the order to display the menus according to the usage frequency and customize the menu screens.

## International roaming

☎ P. 388

The same FOMA terminal, phone number and mail address as those used in Japan are available overseas (supporting 3G area only). Moreover, J-E Speech Translation for SH (☎ P. 253), which translates the voice spoken in Japanese to English and the voice spoken in English to Japanese, is pre-installed.

### ■ 3.0 inch WVGA high-definition large display LCD ☎ P. 27

Watch 1Seg or shot still pictures and movies with high-quality images on the 3.0 inch wide screen. The wide screen also lets you enjoy lively i-appli games.

### ■ 1.0 inch color organic EL sub display ☎ P. 27

Display the screen of clock, making/receiving a call or sending/receiving a mail with color. Also, a background image is displayed while playing music.

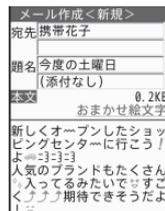
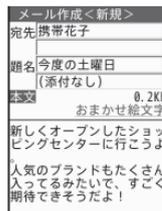


### ■ AXISFont ☎ P. 100

FOMA terminal has built-in AXISFont which is simple and beautiful. Also, set font downloaded from sites (☎ P. 164).

### ■ EmojiPlus ☎ P. 123

When text is entered and converted, a pictograph is automatically entered by predicting the text. Choose from preferred conversion candidates.



### ■ Approx. \$\$ million effective pixels CMOS camera P. 186

(Recorded pixels: approximately \$\$ million pixels)

Shoot or play still pictures or movies using a digital camera with auto-focus function. The following shootings are available: Wide field angle shooting with 29 mm wide angle, shooting with face detection, shooting with adjustment function for brightness and backlight, shooting with Fix camera shake.



### ■ MAP key P. 191, P. 279

Activate GPS compatible i-αpli and add retrieved location information to shot still pictures.

### ■ Dolby Headset setting P. 230, P. 242

Various music playback functions are supported. By setting to 1Seg or music genres, high-quality sound can be provided.

### ■ Quick search P. 352

Search using registered or set e-dictionaries, search by i-mode or access a search engine by Full Browser. For Full Browser, search by setting search engine.

Also, activate i-αpli "Internet dictionary" ( P. 249).

### ■ Chaku-moji P. 53

### ■ Videophone P. 48

### ■ i-αpli/Mega i-αpli/Chokkan Game P. 244, P. 248

### ■ Chaku-uta full®/Uta-hodai/Music&Video Channel/Video clip P. 226, P. 232, P. 237

- "Chaku-uta full" is a registered trademark of the Sony Music Entertainment (Japan) Inc.

### ■ MUSIC Player P. 232

### ■ GPS function P. 278

### ■ Osaifu-Keitai/ToruCa P. 266, P. 269

### ■ Kisekai Tool P. 95

### ■ Various network services P. 372

### ■ Security Settings P. 104

## Precautions (ALWAYS FOLLOW THESE DIRECTIONS)

- Before use, read these “Precautions” carefully and use your FOMA properly. Keep this manual in a safe place for future reference.
- These precautions contain information intended to prevent bodily injury to the user and to surrounding people, as well as damage to property, and must be observed at all times.

The following symbols indicate the different degrees of injury or damage that may occur if information provided is not observed and the FOMA terminal is used improperly.

 <b>Danger</b>	This symbol indicates that “death or serious bodily injury may directly and immediately result from improper use”.
 <b>Warning</b>	This symbol indicates that “death or serious bodily injury may result from improper use”.
 <b>Caution</b>	This symbol indicates that “bodily injury and/or property damage may result from improper use”.

The following symbols indicate specific directions.

 Don't	Indicates a prohibited action.
 No disassembly	Indicates not to disassemble the device.
 No wet hands	Indicates not to handle the device with wet hands.
 No liquids	Indicates not to use the device near water or get it wet.
 Instruction	Indicates that instructions specified are compulsory (must be followed).
 Unplug	Indicates that the power cord must be unplugged from the outlet.

“Precautions” is explained in the following six sections.

- Handling the FOMA terminal, battery pack, adapters (chargers), and FOMA card (general) . . . . . P. 11
- Handling the FOMA terminal . . . . . P. 12
- Handling battery pack . . . . . P. 15
- Handling adapters (chargers) . . . . . P. 16
- Handling FOMA card . . . . . P. 17
- Handling mobile phones near electronic medical equipment . . . . . P. 17

**Handling the FOMA terminal, battery pack, adapters (chargers), and FOMA card (general)**

## **Danger**



Don't

**Do not use, store, or leave the FOMA terminal, battery pack, adapters (chargers) or FOMA card in locations subject to high temperatures, such as near a fire, in direct sunlight, or inside a car on a hot day.**

The FOMA terminal may become deformed or malfunction. In addition, the battery pack may leak, overheat, explode, catch fire or suffer performance loss and a reduced service life.

Part of the casing may also become hot and cause burns.



No disassembly

**Do not attempt to disassemble or modify.**

**In addition, do not attempt to solder.**

May cause accidents such as fire, bodily injury, electric shock or malfunction. In addition, the battery pack may leak, overheat, explode or catch fire.



No liquids

**Do not get the FOMA terminal, battery pack, adapters (chargers) or FOMA card wet.**

Contact with water, pet urine, and other liquids may cause overheating, electric shock, fire, malfunction or bodily injury. Be attentive to where and how you use the handset.



Instruction

**Use only the battery packs and adapters (chargers) specified by NTT DOCOMO for use with the FOMA terminal.**

The use of devices other than those specified may cause the FOMA terminal, battery pack or other devices to leak, overheat, explode, catch fire or malfunction.

- Battery Pack SH21
  - Desktop Holder SH23
  - FOMA AC Adapter 01/02
  - FOMA DC Adapter 01/02
  - FOMA Dry Battery Adapter 01
  - FOMA USB Cable with Charge Function 01/02
  - FOMA Portable Charging Adapter 01
- ※ For information on other compatible products, contact a docomo Shop or retailer.



## **Warning**



Don't

**Do not place the battery pack, FOMA terminal, adapters (chargers), or FOMA card inside cooking appliances such as microwave ovens or pressure cookers.**

The battery pack may leak, overheat, explode or catch fire, and the FOMA terminal and adapters (chargers) may overheat, emit smoke or catch fire. The internal circuitry may also be damaged.



Don't

**Do not subject the FOMA terminal to strong impacts or throw it.**

The battery pack may leak, overheat, explode or catch fire. Other devices may also be damaged or cause a fire.



Don't

**Do not allow conductive materials (such as metal objects and pencil lead) to come into contact with the charger terminal or external device terminal. In addition, do not insert such objects.**

The battery pack may short-circuit and cause a fire or malfunction.



Instruction

**Make sure to turn off the mobile phone in locations such as gas stations where flammable gas is generated.**

**In addition, do not charge the battery. It may cause a gas explosion or fire.**

To use Osaifu-Keitai in locations such as gas stations, make sure to turn off the power in advance (If the IC card lock is set, disable the lock before turning off the power).



Instruction

**If you notice anything unusual, such as an unusual odor, overheating, discoloration or deformation during use, charging or storage, immediately follow the instructions below.**

- 1. Unplug the power cord from the outlet or cigarette lighter socket.**
- 2. Turn off the FOMA terminal.**
- 3. Remove the battery pack from the FOMA terminal.**

Continued use (charging) may cause overheating, explosion, or fire. In addition, the battery pack may leak.



## Caution



Don't

**Do not leave the FOMA terminal on unstable surfaces, such as on a wobbling table or sloped surface.**

The FOMA terminal may fall and cause injury or be damaged.



Don't

**Do not store the FOMA terminal in locations that are subject to humidity, dust or high temperatures.**

May cause a malfunction.



Instruction

**If being used by a child, have a guardian teach him/her the proper handling procedures. In addition, check that the child is using the FOMA terminal as directed.**

May result in bodily injury.



Instruction

**Keep the FOMA terminal out of the reach of young children.**

A young child may swallow components or suffer other bodily injury.



Instruction

**Be very careful when using the FOMA terminal connected to adapters (chargers) repeatedly or for long periods of time.**

The FOMA terminal, battery pack or adapters (chargers) may become warm if i-appli, Videophone, or 1Seg is used for a long time while charging.

Exposure to high temperature areas for a prolonged period of time may cause skin irritations, itchiness, or low-temperature burn in some people.

## Handling the FOMA terminal



## Warning



Don't

**Do not aim the Infrared port towards the eyes.**

May cause eye injury. In addition, do not aim or direct the Infrared port towards another Ir device as this may cause the device to malfunction.



Don't

**Do not point the illuminated light directly at someone's eyes.**

May damage eyesight. May also cause momentary sight loss or startle someone and cause an accident.



Don't

**Do not put the FOMA terminal in the place where it could be affected by an expanded airbag, e.g., on the dashboard.**

If the air bag inflates, the FOMA terminal may hit you or others around you, resulting in bodily injury or damage to the FOMA terminal or other property.



Don't

**If you are using electronic medical equipment, do not put the FOMA terminal in your breast pocket or in the inside pocket of your jacket.**

Using the FOMA terminal in close proximity to electronic medical equipment may cause the equipment to malfunction.



Don't

**Do not allow water or other liquids, metal, flammable material, or other foreign objects to enter the FOMA card or microSD Card port on the FOMA terminal.**

May cause a fire, electric shock or other malfunctions.



Don't

**Do not shine the light at anyone driving a car or other vehicles.**

This may prevent a driver from driving safely and cause a traffic accident.



Instruction

**Turn off the FOMA terminal in areas where the use of mobile phones is prohibited, such as in aircraft or hospitals.**

The FOMA terminal may interfere with the operation of electronic devices and electronic medical equipment. In addition, if Auto power ON function is set to ON, disable this function before turning off your mobile phone.

Follow the instructions given by the respective medical facilities regarding the use of mobile phones on their premises.

In addition, actions such as speaking on a mobile phone aboard aircraft are prohibited and may be punishable by law.



Instruction

**During a call in which Hands-free is set, keep the FOMA terminal away from the ears.**

**When you attach the earphone/microphone to the FOMA terminal to play games or music, do not make the volume too loud.**

Excessive high volume may damage your hearing. Also it may prevent you from hearing the ambient sounds and cause an accident.



Instruction

**If you have a weak heart, take extra precautions when setting functions such as the Vibrator and Ring tone volume for incoming calls.**

Various settings may have effects on your heart.



Instruction

**If you hear thunder while using the FOMA terminal outdoors, immediately turn it off and move to a safe location.**

There is a risk of being struck by lightning and suffering electric shock.



Instruction

**Turn the FOMA terminal off near high-precision electronic devices or devices that use weak electronic signals.**

The FOMA terminal may interfere with the operation of electronic devices.

**Take particular care with the following devices:**

Hearing aids, implanted cardiac pacemakers, implanted cardioverter-defibrillators, or other electronic medical equipment. Fire alarms, automatic doors, and other equipment controlled by electronic signals. If you use an implanted cardiac pacemaker, implanted cardioverter-defibrillator or other electronic medical equipment, contact the respective manufacturer or vendor to check whether the operation of the equipment is affected by signals.



Instruction

**In case that the display part or camera lens is damaged, make sure to pay attention to a broken glass and the exposed inside of the FOMA terminal.**

The display part or the surface of camera lens is covered by a plastic panel so as to minimize the possibility of glass scattering. However, touching the broken display or camera lens may cause injury.



## Caution



Don't

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

The FOMA terminal may hit you or others around you, resulting in bodily injury or damage to the FOMA terminal or other property.



Don't

**When using Motion tracking, confirm the safety of surroundings, hold the FOMA terminal securely and do not swing it around more than necessary.**

Use Motion tracking to operate by tilting and shaking (or swinging) the FOMA terminal. The FOMA terminal may hit people or objects, if shaken (or swung) too much, and cause a serious accident or damage, etc.



Don't

**If using Motion tracking with the FOMA terminal to which metallic straps or others are attached, be careful not to hit people or objects with the straps.**

May result in bodily injury or damage to the FOMA terminal or other property.



Don't

**Never place a magnetic card near or in the FOMA terminal.**

The stored magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.



Don't

**Never place magnetized items near the FOMA terminal.**

Putting highly magnetized items closer may cause a malfunction.



Don't

**If the display is broken and the liquid crystal then leaks, do not lick or inhale the liquid or get the liquid on your skin.**

**If the liquid comes into contact with your eyes or mouth, immediately rinse your eyes or mouth with clean water and see a doctor.**

**If the liquid comes into contact with your skin or clothes, immediately wipe it off with alcohol, and wash with water and soap.**

May result in loss of eyesight and harmful to your skin.



Don't

**While the ring tone is ringing or a melody is played on the FOMA terminal, do not put the ears closer to the speaker.**

This may cause hearing loss.



Instruction

**Using the FOMA terminal in an automobile may sometimes affect the electronic equipment in some vehicle models.**

In such cases, stop using the FOMA terminal, as this could impede safe driving.



Instruction

**Use of the FOMA terminal may cause skin irritations such as itchiness, rashes or eczema in some people. If this occurs, immediately stop using the FOMA terminal and seek medical treatment.**

The following parts contain metals.

Part	Material	Surface treatment
External connector terminal	Stainless steel	Tin plating
Inside microSD Card slot		Gold plating
Charger terminal	SUS	



Instruction

**Do not close the FOMA terminal on your fingers or objects such as the strap.**

May result in bodily injury or cause a malfunction.



Instruction

**Watch 1Seg in a well-lit place, keeping a certain distance from the screen.**

Otherwise, eyesight may be decreased.

## Handling battery pack

Check the type of battery using the information printed on the battery pack label.

Label	Battery type
Li-ion00	Lithium-ion



### Danger



Don't

**Do not touch terminals with metallic objects such as wires. In addition, do not carry or store the battery pack with metallic necklaces, etc.**

The battery pack may leak, overheat, explode or catch fire.



Don't

**If you are having difficulty fitting the battery pack to the FOMA terminal, do not use excessive pressure to force the battery into place. Check that the battery pack is facing the correct direction before you attach it.**

The battery pack may leak, overheat, explode or catch fire.



Don't

**Do not throw the battery pack into a fire.**

The battery pack may leak, overheat, explode or catch fire.



Don't

**Do not puncture, hit with a hammer or step on the battery pack.**

The battery pack may leak, overheat, explode or catch fire.



Instruction

**If the battery fluid comes into contact with your eyes, do not rub your eyes but immediately rinse your eyes with clean water. Then seek prompt medical treatment.**

May result in loss of eyesight.



### Warning



Don't

**If any trouble is found on the battery pack due to an external impact such as a deformation or scratches caused by a drop, immediately stop using it.**

The battery pack may leak, overheat, explode or catch fire. Other equipment may also be damaged or catch fire.



Instruction

**If the battery pack is not fully charged after the specified time has elapsed, stop charging.**

The battery pack may leak, overheat, explode or catch fire.



Instruction

**If the battery pack leaks or emits an unusual odor, immediately stop use and move it away from any flame or fire.**

The battery fluid is flammable and could ignite, causing a fire or explosion.



Instruction

**Prevent your pet from biting the battery pack.**

The battery pack may leak, overheat, explode or catch fire. Other equipment may also be damaged or catch fire.



## Caution



Don't

**Do not dispose of used battery packs in ordinary garbage.**

May cause fires or damage to the environment. Place tape over the terminals to insulate unnecessary battery packs, and take them to a docomo Shop, retailer or institution that handles used batteries in your area.



Don't

**Do not charge a wet battery pack.**

The battery pack may overheat, catch fire or explode.



Instruction

**If the battery fluid comes into contact with your skin or clothing, stop using the FOMA terminal immediately and rinse it off thoroughly with clean water.**

Battery fluid is harmful to your skin.

## Handling adapters (chargers)



## Warning



Don't

**Do not use if the adapter's (charger's) cord or power cord is damaged.**

May cause electric shock, overheating or fire.



Don't

**Never use the AC adapter or desktop holder in humid locations such as a bathroom.**

May result in electric shock.



Don't

**The DC adapter should only be used in negative grounded vehicles. Never use these adapters in positive grounded vehicles.**

May cause a fire.



Don't

**Do not touch the FOMA terminal or adapters (chargers) if you hear thunder.**

There is a risk of being struck by lightning and suffering electric shock.



Don't

**Take care not to short-circuit the charging terminal when connected to an outlet or cigarette lighter socket. Also, take care not to allow any part of your body (hands, fingers, etc.) to come into contact with the charging terminal.**

May result in a fire, equipment malfunction, electric shock or bodily injury.



Don't

**Place the charger and desktop holder on stable surfaces when charging. In addition, do not cover or wrap the charger or desktop holder with clothing or bedding.**

The FOMA terminal may detach, overheat, or cause a fire or malfunction.



Don't

**Do not place heavy objects on the adapter's (charger's) cord or power cord.**

May cause an electric shock or fire.



No wet hands

**Do not handle the cord and plug of the adapters (chargers) with wet hands.**

May result in electric shock.



Instruction

**Always use the specified power supply and voltage.**

Using the incorrect voltage may cause a fire or malfunction.

When using overseas, use the AC adapter that is available overseas.

AC adapter: 100V AC

DC adapter: 12/24V DC (for negative grounded vehicles only)

AC adapter available overseas: 100 to 240V AC (Connect only with household AC outlet)



Instruction

**If the fuse in the DC adapter blows, always replace it with a fuse of the specified type.**

Using the fuse other than the specified one may cause a fire or malfunction. Refer to the respective manuals for information on the correct fuse specifications.



Instruction

**Wipe off any dust on the power plug.**

May cause a fire.



Instruction

**When plugging the AC adapter into the outlet, make sure that no metallic straps or other metallic objects are caught between the plug and the socket.**

May cause electric shock, short-circuiting or fire.



Instruction

**Always grasp the power plug when unplugging the adapters (chargers) from the outlet or cigarette lighter socket. Do not forcibly pull by the cord or power cord.**

Pulling on the cord may damage the cord and cause an electric shock or fire.



Unplug

**Unplug the power cord from the outlet when not using for a long time.**

May cause an electric shock, fire, or malfunction.



Unplug

**Should water or other liquids enter the adapters (chargers), remove the power plug from the outlet or cigarette lighter socket immediately.**

May cause an electric shock, smoke emission or fire.



Unplug

**Always unplug the power plug from the outlet or cigarette lighter socket before cleaning the adapters (chargers).**

May result in electric shock.

## Handling FOMA card



## Caution



Instruction

**Be careful with the cutting surface when detaching the FOMA card (IC).**

May cause injuries to your hand or fingers.

## Handling mobile phones near electronic medical equipment

The precautions detailed here conform to the guidelines drawn up by the Electromagnetic Compatibility Conference Japan, regarding the protection of electronic medical equipment from signals emitted by mobile phones.

## Warning



Instruction

**Observe the following in hospitals or other medical facilities.**

- Do not take your FOMA terminal into operating rooms, ICUs (Intensive Care Units) or CCUs (Coronary Care Units).
- Turn off your FOMA terminal inside hospital wards.
- Turn off your FOMA terminal even when you are in an area outside hospital wards, such as a hospital lobby, since electronic medical equipment may be in use nearby.
- Where a medical facility has specific instructions prohibiting the carrying and use of mobile phones, observe those instructions strictly.
- If Auto power ON function is set to ON, disable this function before turning off your mobile phone.



Instruction

**Turn off your FOMA terminal in crowded places such as rush-hour trains in case somebody nearby is using an implanted cardiac pacemaker or implanted cardioverter-defibrillator.**

Electromagnetic signals may affect the operation of implanted cardiac pacemakers and implanted cardioverter-defibrillators.



Instruction

**If you have an implanted cardiac pacemaker or an implanted cardioverter-defibrillator, always carry or use your FOMA terminal at least 22 cm away from your implant.**

Electromagnetic signals may affect the operation of implanted cardiac pacemakers and implanted cardioverter-defibrillators.



Instruction

**Patients receiving medical treatment away from a hospital or medical facility (e.g. home treatment) who are using electronic medical equipment other than implanted cardiac pacemakers or implanted cardioverter-defibrillators should consult the respective manufacturers for information regarding the effects of signals on the equipment.**

Electromagnetic signals may affect the operation of electronic medical equipment.

## Handling precautions

### General notes

- **Do not expose to water.**  
FOMA terminal, battery pack, adapters (chargers) and FOMA card are not waterproof. Do not use in humid or steamy areas such as bathrooms and avoid exposing to rain and other forms of moisture. If FOMA terminal is carried close to skin, perspiration may cause internal components to corrode and result in malfunction. Note that if problem is found to be due to moisture, handset and parts are not covered by warranty and in some cases may be irreparable. Even where repairs are possible, repair charges will be incurred since damage is not covered by warranty.

- **Clean only with a soft and dry cloth (such as the type used for eyeglasses).**  
The surface of the handset's LCD has a special coating to improve the visibility of the color display. Forceful rubbing of LCD with a dry cloth may scratch LCD surface. Handle the handset carefully and clean using a soft and dry cloth (such as the type used for eyeglasses). Note also that LCD coating may peel off or stain if moisture or soiling is left on the surface for a long period. Never use chemicals such as alcohol, thinners, benzene or detergents, as these agents may erase the printing on the handset or cause discoloration.
- **Occasionally clean terminals with a dry cotton swab.**  
Unclean terminals may result in poor connections and loss of power. Additionally, keep terminal clean with a dry cloth or cotton swab to prevent charge performance loss.
- **Do not place the handset near an air conditioning vent.**  
Condensation formed due to rapid changes in temperature may cause internal corrosion and lead to malfunction.

- **Do not apply excessive force to the FOMA terminal and battery pack when using them.**  
Carrying the handset in a tightly packed bag, or sitting on the handset in your pocket may cause a damage to display, other internal components or battery pack, or result in malfunction. Keeping an external connector device plugged into the external connector terminal (earphone/microphone terminal) may cause a damage to the connector or result in malfunction.
- **Read the manuals supplied with the FOMA terminal, adapters (chargers), and desktop holder carefully.**
- **Do not rub or scratch the display with metal, etc.**  
May scratch the handset and cause malfunction or damage.

## Notes about the FOMA terminal

- **Avoid using the handset in extremely high or low temperatures.**  
Use the FOMA terminal within the range of a temperature between 5°C and 35°C and a humidity between 45% and 85%.
- **Using the handset close to landline phones, TVs or radios may affect the operation of such equipment. Move as far away as possible from such items before use.**
- **Keep a separate memo and note information stored in the FOMA terminal.**  
DOCOMO shall not be liable for any loss of content.
- **When connecting an external connector device to the external connector terminal (earphone/microphone terminal), do not put it in obliquely or do not pull it while it is plugged in.**  
May damage the handset and cause malfunction.
- **Do not fold the FOMA terminal on strap, etc.**  
May damage the handset and cause malfunction.

- **FOMA terminal may become warm during using or charging but this is not a malfunction.**
- **Do not leave the camera in direct sunlight.**  
May cause discoloration or burn-in.
- **Use the FOMA terminal with the external connector terminal cover and microSD Card slot cover on.**  
Dust, water and others enter inside and cause a malfunction.
- **Do not use the FOMA terminal without the back cover.**  
May detach the battery pack or cause malfunction or damage.
- **Do not cover the surface of the display, keys, or buttons with an extremely thick sticker.**  
May cause malfunction.
- **While using a microSD Card, do not remove the card or turn off the FOMA terminal.**  
May cause data loss or malfunction.

## Notes about battery pack

- **Battery pack is a consumable product.**  
Though usage time varies with use, change battery if battery level is extremely low even after fully charged. Purchase a specified new battery pack.
- **Charge battery in areas where ambient temperature is between 5°C and 35°C.**
- **Always charge the battery before the first use or after not using battery for a long time.**
- **The usage time for a battery depends on the usage and deterioration of battery pack.**
- **Depending on usage, the battery may swell as it approaches the end of its service life but this will not cause problems.**
- **Do not store or leave the battery pack with no battery left.**  
May lower the performance or shorten the life of the battery pack.

## Notes about adapters (chargers)

- **Charge battery in areas where ambient temperature is between 5°C and 35°C.**
- **Do not charge battery pack in the following locations:**
  - Areas with high humidity or dust, or in areas exposed to strong vibrations
  - Close to landline phones, TVs, radios, etc.
- **Adapters (chargers) may become warm during charging but this is not a malfunction.**
- **Do not use DC adapter to charge battery when the car engine is not running.**  
May cause car battery to run down.
- **When using an outlet with a feature to prevent the plug from being removed accidentally, follow instructions in the outlet user's guide.**
- **Do not subject to strong force or impacts. Also, do not disfigure the charger terminals.**  
May cause a malfunction.
- **When folding the stand of the desktop holder, prevent the cord for the adapters (chargers) and your fingers from being caught.**  
May result in bodily injury or damage.

## Notes about FOMA card

- Do not apply unnecessary force when inserting/removing the FOMA card.
- FOMA card may become warm during using but this is not a malfunction.
- Customer is responsible for malfunctions arising from inserting FOMA card into a different IC card reader/writer.
- Always keep IC area clean.
- Clean only with a soft and dry cloth (such as the type used for eyeglasses).
- Keep a separate memo and note information stored in the FOMA card. DOCOMO shall not be liable for any loss of content.
- To protect the environment, please take any unnecessary FOMA cards to your local docomo Shop or retailer.
- Avoid using in extremely high or low temperatures.
- Do not damage, touch haphazardly or short-circuit the IC.  
May cause data loss or malfunction.
- Do not drop or otherwise subject the FOMA card to severe impact.  
May cause a malfunction.

- Never bend or place heavy objects on the FOMA card.  
May cause a malfunction.
- Do not insert the FOMA card to the FOMA terminal with a label or sticker attached on the card.  
May cause a malfunction.

## FeliCa reader/writer

- The FeliCa reader/writer function in the FOMA terminal uses weak electric waves in the handling of which does not require a license of radio station.
- The frequency in use is the 13.56 MHz band. When another reader/writer is being used nearby, keep enough distance from it. Make sure that there is no radio station using the same frequency band in the nearby area.

## Caution

- **Never use the FOMA terminal that is modified. Using a modified device violates the Radio Law.**  
The FOMA terminal has acquired the certification of conformity with technical regulations for the specified radio station based on the Radio Law, and the "Technical Conformity Mark  is printed on the model nameplate of the FOMA terminal as a proof. If the screws of FOMA terminal are removed and a modification is given to the inside, the certification of conformity with technical regulations will become invalid. Never use the FOMA terminal without the valid certification. Doing so violates the Radio Law.
- **Be careful when using the FOMA terminal while driving a motor vehicle.**  
While driving, using a mobile phone in hand is regarded as a punishable act. If there is no choice but to receive a call, use Hands-free and tell the caller that you will "call back" and then pull over to a safe place to make a call.
- **Use the FeliCa reader/writer function only in Japan.**  
The FeliCa reader/writer function in the FOMA terminal conforms to the domestic radio wave standards. Using the function overseas may result in punishment.

## Standard parts packaged with unit and main optional parts

### ■ Standard package

**SH-02A terminal**  
(includes warranty and Back Cover SH27)



**Battery Pack SH21**

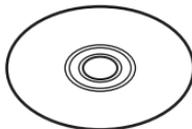


**Manual (this manual)**



※ Quick manual can be found on P. 478.

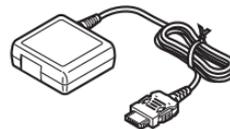
**SH-02A CD-ROM**



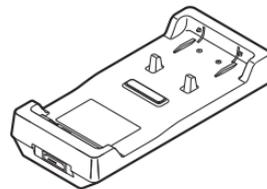
※ “Manual for PC Connection” and “Kuten Code List” in the PDF format are contained.

### ■ Main optional parts

**FOMA AC Adapter 01/02**  
(includes warranty and user's guide)



**Desktop Holder SH23**  
(includes user's guide)



For details on other optional parts  P. 429