


## Information

- Tickers are not displayed in the following cases:

When the information is automatically updated after that or when you press  to receive the latest information, tickers automatically flow.







- When the UIM is replaced.
- When "Host selection" is changed.
- When "Reset i-Channel" is executed.
- When "Reset settings" is executed.
- When "Initialize" is executed.

However, the information might not be automatically updated when "Host selection" is changed. To receive the latest information, press  to display the Channel list.

- When "Host selection" is changed, the i-Channel connecting end is also changed. (In ordinary, you do not need to change the setting.)
- Depending on your usage state, you might receive information from i-Channel when you display the Channel list.
- Even if you change "i-mode" of "Font size", the font size for the Channel list might not change instantly.




## Setting How Ticker is Displayed

### 1 ▶ i-Channel ▶ Do the following operations.

<b>Channel list</b>	You can display the Channel list. Go to step 2 on page 210.
<b>Ticker ON/OFF</b>	You can set whether to display tickers on the Stand-by display. ▶ <b>ON or OFF</b>
<b>Ticker font size set.</b>	You can set the font size of tickers. ▶ <b>Extra large, Large, or Standard</b> • You can check the ticker by pressing  (  ). Press  .
<b>Ticker color set.</b>	You can set the background color and font color of ticker. ▶ <b>Select a pattern.</b> • You can check the ticker by pressing  (  ). Press  .

**Ticker scroll speed** You can set the ticker flowing speed.

▶ **Select a speed.**

- You can check the ticker by pressing  (  ). Press  to return to the former display.

**Reset i-Channel** You can initialize the ticker information and set "Ticker ON/OFF" to "ON".

▶ **Enter your Terminal Security Code** ▶ **YES**


## Information

- You can perform "Ticker ON/OFF", "Ticker font size set.", "Ticker color set.", "Ticker scroll speed", and "Reset i-Channel" for each mode of 2in1. However, i-Channel information is initialized for all modes. Further, when 2in1 is deactivated, they become common to the settings in A Mode.

< **Ticker ON/OFF** >

- In Public Mode (Drive Mode), or during Lock All, tickers are not displayed.

< **Reset i-Channel** >

- Tickers are not displayed after you execute "Reset i-Channel". When the information is automatically updated after that or when you press  to receive the latest information, tickers automatically flow.

## i-concier

**i-concier is a service that a character (Machi-chara image) on the Stand-by display supports your life as a "conciierge".**  
**With i-concier, you can receive the information of train status or other daily necessities, download schedule events/i-schedule events, and save/update the Phonebook entries, ToruCa files, and schedule events/i-schedule events.**

**■ Before Using i-concier**

- i-concier is a pay service which is available on a subscription basis (You need to subscribe to i-mode to apply for i-concier).
- If you have not subscribed to Data Security Service (see page 136) but will newly subscribe to i-concier, you will subscribe to Data Security Service as well as i-concier.
- There are two kinds of information; one is sponsored by DOCOMO and the other is by IPs (Information Providers). You are not charged a packet communication fee for DOCOMO-sponsored information. You are separately charged a packet communication fee for IP-sponsored Information when receiving it.
- You are separately charged a packet communication fee for using detailed information.
- While using the international roaming service, you are charged a packet communication fee for both receiving information and browsing detailed information. The packet communication fee for the overseas use differs from the one for the domestic use.
- Depending on the contents (information, i-schedule, and others), you might be separately charged an information fee besides the i-concier monthly fee.
- You are separately charged a packet communication fee for auto-updates of i-schedule, ToruCa, and Phonebook.
- For details on i-concier, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

**Receive Information**

When the FOMA terminal is in the service area, information automatically arrives.

When information arrives, "☐" appears at the top of the display. You can save up to 50 received information files. They are overwritten from the oldest one in order.

## 1 When information arrives, "☐" blinks and the content of the information is displayed on the Stand-by display.

- When multiple information files are received at a time, the latest one is displayed on the Stand-by display.
- When a display other than the Stand-by display is shown, the message appears to tell the reception. Select "Confirm" to check the detailed information.

## 2 Select a message.

The detailed information is displayed.

- To clear the message, press from the Stand-by display, or highlight the message and then press or .
- Highlight a message and then press **Change** to switch to the display for selecting a desktop icon. (See page 31)

**Displaying i-concier Screen**

## 1 **i-concier** **Select information.**

- An unread mark appears for unread information.
- Schedule event files or ToruCa files might be attached to information, or links are embedded in it for visiting a site of more detailed or related information. To check the contents, select the information with an unread mark.



i-concier display

**Display Schedule/ToruCa**

## 1 i-concier display (MENU)

**スケジュールへ (To scheduler)** or **トルカへ (To ToruCa)**

**スケジュールへ (To scheduler)**

... Displays the Calendar display. (See page 408)

**トルカへ (To ToruCa)**

... Displays the ToruCa Folder list. (See page 318)



## Configuring i-concier Settings

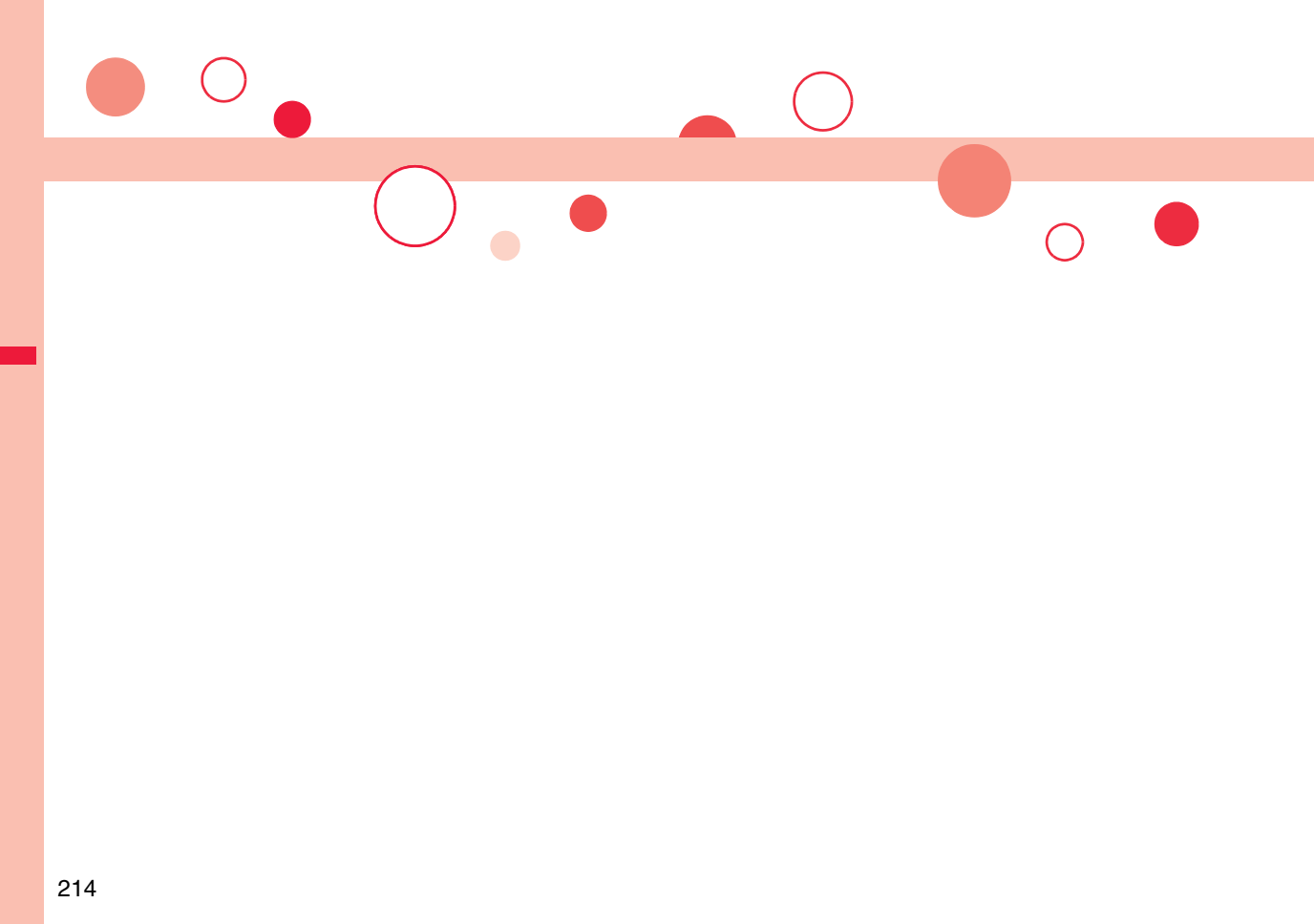
### 1 i-concier display ▶ (MENU) ▶ 設定 (Settings) ▶ Do the following operations.

i コンシェルとは (What is i-concier?)	You can display the explanation about i-concier.
インフォメーション 受信設定 (Information receive settings)	You can set the contents of received information, etc.
自動お預かり／更新 設定 (Automatic saving/ Update settings)	See page 137.
その他共通設定 (Other common settings)	You can change the profile or perform setting for overseas use, etc.
お預かりデータ確認 (Check saved data)	See page 138.
お預かりデータ更新 (Update saved data)	See page 138.
お預かり通信履歴 (Communication records of saving)	See page 138.
各種手続き( i コン シェル解約) [Various procedures (i-concier cancellation)]	You can cancel a contract of i-concier.
i コンシェルご利用 にあたって (For using i-concier)	You can display the usage rules of i-concier.

### Information Display Setting

You can set whether to show the received information on the Stand-by display.

### 1 (MENU) ▶ i-mode settings ▶ Information disp. set. ▶ YES or NO



# Full Browser/PC Movie

- Displaying Web Pages Designed for PC . . . . <Full Browser> 216
- Setting Full Browser . . . . . <Full Browser Settings> 220
- PC Movie . . . . . 223
- Downloading PC Movies . . . . . 223
- Playing PC Movies from Data Box . . . . . <PC Movie Player> 225


## Displaying Web Pages Designed for PC

You can browse Internet web pages designed for PCs using the Full Browser function. You can display even the Internet web pages that cannot be correctly displayed by i-mode. However, you cannot display or correctly display some Internet web pages.

- The data such as Home URL or Bookmarks registered via Full Browser cannot be used via i-mode. The contents set by Full Browser are invalid for i-mode, either.
- Note that you are charged a high communication fee for the massive data communication such as browsing Internet web pages having many images or downloading data files. For details on the packet communication fee, refer to "Mobile Phone User's Guide [i-mode] FOMA version".
- You can browse Internet web pages composed of frames. You can select a frame to display it as well. (See page 218)
- You can display SSL/TLS<sup>®</sup>-compatible pages via Full Browser.  
※SSL and TLS are the methods of safer data communication using authentication/encryption technology to protect your privacy. SSL/TLS pages prevent eavesdropping and information alteration during communication by exchanging encrypted data files. Further, server authentication prevents web spoofing, thus making your personal information such as credit card number or postal address exchanged safer.

### 1 Full Browser ▶ Select an item.

















- Home** . . . . . Displays an Internet web page set as Home URL.
- Bookmark** . . . . . Displays an Internet web page stored in Bookmark. (See page 196)
- Last URL** . . . . . Displays an Internet web page you viewed last time.
- Go to location** . . . . . Displays an Internet web page by entering a URL. (See page 195)
- Full Browser settings** . . . . . Configures Full Browser settings. (See page 220)

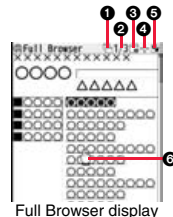
- When "Access setting" is set to "No", the confirmation display appears asking whether to start Full Browser. Highlight "Yes" and select "OK" to switch setting of "Access setting", then Full Browser starts up. Further, you can connect to a site for signing up a packet flat-rate service via i-mode by selecting "To sign up a packet flat-rate service, click here".
- To end Full Browser, press  with an Internet web page displayed and select "YES".

### Information

- You can display up to 1 Mbyte of data per page. For Flash animations of Flash movies, displaying up to 1 Mbyte per page is supported, and for Flash Video, up to 10 Mbytes per file is supported.
- Displaying files of up to Flash8 (Flash9 partly) equivalent is supported, depending on the site, you may not be able to play back some files of corresponding version.
- You cannot save Flash movies.
- It may take long to display some Internet web pages.
- You cannot use the following functions in Full Browser:
  - Phone To function
  - Screen memos
  - PDF files

### Full Browser Display

- 1  : Displaying in the multiwindow
- 2  : Window number/Number of windows
- 3  : During communication in another window  
 : During communication in another frame
- 4  : Phone Mode  
 : PC Mode
- 5  : Displaying in an enlarged frame
- 6  : Normal pointer  
 : Selecting a link  
 : Obtaining or processing data  
 : Drag Mode  
 : Dragging an object  
 : Selecting a text input field  
 : Selecting a Flash movie  
 : Selecting an operable Flash movie  
 : Selecting a text-enterable Flash movie



## ■ Operations for the Full Browser display

Operation	Key operation	
	Phone Mode	PC Mode
Return to previous page	or <b>1</b> ( is not available while a pointer is displayed.)	<b>1</b>
Forward to next page	or <b>3</b> ( is not available while a pointer is displayed.)	<b>3</b>
Scroll display	or ( while a pointer is displayed.)	
Switch to Drag Mode (Only while displaying the pointer)	(for at least one second)	
Scroll display page by page	/  or  (Page ) /  (Page ) • To scroll to the top/end of the page,  /  (for at least one second),  (Page ) /  (Page ) (for at least one second) or  /  (For the horizontal display, the operations for  and  are reversed.)	
Reload	<b>2</b>	
Enlarge/Reduce display size	<b>7</b> to reduce the display size, <b>8</b> to display in standard size, <b>9</b> to enlarge the display size	
Display Bookmark Folder list		
Full display	 • Each time of pressing switches between the normal display and the full display.	

### About operation by the pointer

When you set "Display pointer" of "Pointer/scroll" of "Full Browser settings" to "ON", a pointer appears on the Full Browser display. Using this pointer, you can scroll displays, select a content, etc.

By the pointer, you can scroll the display from side to side, up and down, and diagonally as well.

## ■ When you switch to Drag Mode while displaying the pointer

You can switch to Drag Mode by pressing and holding for at least one second while displaying the pointer. By switching to Drag Mode, you can operate Drag-Mode-compatible contents. In Drag Mode, the pointer is displayed as ".

- After you press in Drag Mode to switch the pointer to , you can drag the content.
- Use to move the content and press ; then you can release the content and the pointer returns to ".
  - Press and hold for at least one second to release Drag Mode.

### Information

- The feasible operation differs depending on the content.
- In Drag Mode, you can operate the contents only. However, when you select an input box or you upload a file, Drag Mode is released and then you can operate others.
- In Phone Mode, you cannot perform drag operation.

### Switch Display Mode

Two modes, "Phone mode" and "PC mode", are available for the Full Browser display.

- Full Browser settings**  
**Display Mode setting** **Phone mode** or **PC mode**

#### Phone mode

... Displays an Internet web page to fit in the display width of the FOMA terminal. You do not need to scroll sideways; you can browse Internet web pages only by scrolling upward and downward.

#### PC mode

... Displays an Internet web page in the same format as when it is displayed on your personal computer in 800 (width) x 1400 (height) dots. You can browse Internet web pages by scrolling upward, downward, and sideways.

- When you show an Internet web page, you can switch the display modes each time you select "Change disp. mode" of "Settings" from the Function menu.

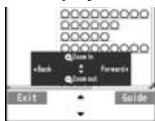
## Use Operation Mode

Press **(ⓧ) (Type)** from the Full Browser display to switch to “Operation mode”. The operation palette is displayed in Operation Mode, and you can move to the previous/next page or enlarge/reduce the display size.

**(◀)**: Moves to the previous/next page.

**(⊕)**: Enlarges/reduces the display size.

• When you press **(ⓧ) (Guide)** in Operation Mode, the key operation guide is displayed.



## Open in the Multiwindow

You can simultaneously open up to five Internet web pages via Full Browser.

• You can switch the simultaneously opened Internet web pages to show one by one.

**1 Full Browser display** **(ⓧ) (FUNC)** **▶ Open new window**  
**▶ Select an item.**

**Bookmark** . . . . . Opens a new window to show an Internet web page stored in Bookmark. (See page 196)

**Enter URL** . . . . . Opens a new window to show an Internet web page by entering a URL. (See page 195)

**Home** . . . . . Opens a new window to show an Internet web page set as Home URL.

**Link** . . . . . Opens a new window to show a page of the link highlighted on the Full Browser display.

• See page 219 for how to switch or close the window.

## Information

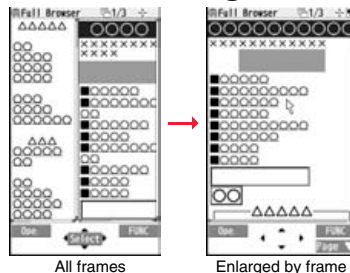
• Some Internet web pages have links configured to open in new windows. When you open such a link, the new window opens even if you do not perform above operations.

## Display a Page Composed of Frames

You can display Internet web pages composed of frames. You can select a frame, and enlarge each selected frame for displaying.

**1 From an Internet web page composed of frames**  
**▶ Use **(⊕)** to highlight a frame, and press **(Select)**.**

- In Phone Mode, use **(⊕)** to highlight a frame.
- To return to the display for all frames, press **(CLR)**, or select “Others” from the Function menu and then select “All frames”.



## Information

• When an Internet web page has many divided frames, you might not be able to open all frames. “**(ⓧ)**” is added to the frames that you could not open.

## Switch from i-mode to Full Browser

You can switch to Full Browser to show the Internet web pages incorrectly displayed by i-mode.

**1 While a page to be shown is displayed in Full Browser**  
**▶ **(ⓧ) (FUNC)** ▶ Go to location ▶ Switch to FB ▶ OK**

## Information

• You cannot correctly display some Internet web pages.



## Function Menu of Full Browser Display

### Home

<b>Display home</b>	You can display the Internet web page set as Home URL.
<b>Set as home URL</b>	You can set the displayed Internet web page as Home URL. ▶ <b>YES</b>

### Bookmark

<b>Bookmark</b>	See page 196.
<b>Add bookmark</b>	See page 196.

### Enter URL

You can enter a URL to display an Internet web page.  
▶ **Select a text box.**  
Go to step 2 of "Displaying Internet Web Pages" on page 195.  
● The URL of displayed site is entered beforehand.

### Open new window

See page 218.

### CHG/close window

<b>Change window</b>	You can switch the windows while displaying the Internet web pages in the multiwindow. ▶ <b>Select a window.</b>
<b>Close window</b>	You can close the window while displaying the Internet web pages in the multiwindow. ▶ <b>YES</b>

### Reload

The contents on the Internet web page is updated to the latest ones.

### Save image

See page 199.

### Settings

**Change disp. mode** See page 217.

**CHG wide scr. mode/ RLS wide scr. mode** You can switch vertical display and horizontal display.

**Set full display** See page 220.

### Pointer/scroll

**Display pointer** See page 220.

**Speed** See page 220.

**Focus while scroll** See page 220.

**Zoom** See page 220.

**Set image display** See page 220.

**Sound effect** See page 221.

### Cookie

**Cookie setting** You can set whether to validate cookies.  
Go to step 1 of "Cookie Setting" on page 222.

**Delete Cookies** You can delete cookies.  
Go to step 1 of "Delete Cookies" on page 222.

**Referer setting** You can set whether to send a referer.  
Go to step 1 of "Referer Setting" on page 222.

### Others

**All frames** You can return to the display for all frames from the display for the enlarged frame.

**Compose message** You can compose an i-mode mail message with the URL of the displayed Internet web page pasted to the text.  
Go to step 2 on page 142.

**Add desktop icon** See page 31.

**Change CHR code** See page 193.

**Page info** You can display information of the displayed Internet web page.  
▶ **URL or Title**

<b>Certificate</b>	See page 193.
<b>Retry</b>	You can play back the displayed animation from the beginning.
<b>Key guide</b>	You can display the guide of key operation of Full Browser display.

#### Information

##### <Compose message>

- The number of characters of the URL you can paste to the text is up to 512 half-pitch characters. If the URL contains 512 half-pitch characters or more, you cannot paste it.

## Upload Files

You can upload JPEG or GIF images or i-motion movies stored in the FOMA terminal to an Internet web page.

- 1 **Call up a file uploadable site ▶ Operate 参照(Reference) and others ▶ Picture or motion ▶ Select a file to be uploaded.**

- Procedure for uploading files differs depending on the site.

#### Information

- You can upload up to 2 Mbytes in total.
- You may not be able to upload files depending on the Internet web page.
- You cannot upload the files whose output from FOMA terminal is prohibited.

### <Full Browser Settings>

## Setting Full Browser

- 1  ▶ **Full Browser ▶ Full Browser settings ▶ Do the following operations.**

#### Home URL

You can set Home URL.  
▶ **Select the URL field ▶ Enter a URL ▶ OK**

**Display Mode setting** See page 217.

**Set full display** You can set whether to display the Full Browser display in full display.  
▶ **ON or OFF**

#### Pointer/scroll

**Display pointer** You can set whether to display the pointer on Full Browser display.  
▶ **ON or OFF**

**Speed** You can set scroll speed.  
▶ **High speed, Medium speed, or Low speed**

**Focus while scroll** You can set whether to highlight links while scrolling.  
▶ **ON or OFF**

**Zoom** You can set the display size of the Internet web page. From the Function menu of the Full Browser display, you can enlarge/reduce the display size by each page.  
▶ **Select a display size.**  
•In PC Mode, you can select a display area by "Select disp. area" from the Function menu of the Full Browser display.

**Access setting** You can set whether to use Full Browser.  
**Yes.** . . . Uses Full Browser.  
**No.** . . . Displays the cautions at the start of Full Browser. Check the cautions, highlight "Yes" and then select "OK", then the setting switches to "Yes", and Full Browser becomes available.

**Set image display** You can set whether to display images.  
▶ **ON or OFF**

**PC Movie auto-play** You can set whether to automatically play back the downloaded type of PC movies while obtaining.  
▶ **ON or OFF**

<b>Sound effect setting</b>	You can set the sound volume of effect tones or sounds of the Flash movies included in Internet web pages. ▶ <b>Select a sound volume level.</b>
<b>Auto NW trans.</b>	You can set whether to communicate when the transmission is made automatically while displaying Internet web page. ▶ <b>Select an item.</b> <b>YES</b> . . . .Communicates automatically. <b>NO</b> . . . .Does not communicate automatically. <b>Notify</b> . . .The confirmation display appears asking whether to communicate each time the FOMA terminal tries to communicate automatically. ● Even if "Notify" is set, when you select "YES (default)" on the confirmation display, the setting switches to "YES".
<b>Use phone info</b>	To display a Flash movie while an Internet web page is displayed, the information in the FOMA terminal may be used. You can select whether to permit the information to be used for that case. ▶ <b>YES or NO</b>
<b>Cookie</b>	
<b>Cookie setting</b>	See page 222.
<b>Delete Cookies</b>	See page 222.
<b>Referer setting</b>	See page 222.
<b>Script setting</b>	You can set whether to validate JavaScript. JavaScript is a simple program language that runs on Internet web pages. It is widely used to create Internet web pages with movements. When "Valid" is set, you can use the JavaScript function to browse Internet web pages in Full Browser. ▶ <b>Valid or Invalid</b>
<b>Window Open Guard</b>	You can set whether to prevent a new window from opening automatically by JavaScript. ▶ <b>Valid or Invalid</b>

<b>Reset last URL</b>	You can erase the URL of the Internet web page you viewed last. ▶ <b>YES</b>
<b>Check settings</b>	You can check respective Full Browser settings.

### Information



#### <Display pointer>

- When "OFF" is set, you cannot operate Flash movies.

#### <Access setting>

- If you replace the UIM with a new one when "Yes" is set, the setting switches to "No".

#### <Set image display>

- Even when "ON" is set, images might not be displayed correctly. In this case, "  " is displayed.
- When "OFF" is set, "  " is displayed and the data file is not received.

#### <Sound effect setting>

- Even when you set to sound the effect tone, it may not sound depending on the Flash movie.

#### <Use phone info>

- The available information is as follows:

· Date and time set by "Set time" · Language selected by "Select language"

#### <Script setting>

- Some Internet web pages may not be displayed correctly unless "Valid" is set.
- Even when "Valid" is set, it might not work depending on JavaScript.

## Setting Cookie

By using cookies, you can effectively access the Internet web pages you have accessed once.

A cookie is the system to temporarily save personal information such as the date/time or number of times you accessed an Internet web page. The information from the server is written into the FOMA terminal, temporarily saved, and used for content services.

- If a cookie is sent, the information such as the date/time or number of times you accessed an Internet web page is also sent to the web page. Note that even if your information is detected by a third party by sending a cookie, we cannot be held responsible for that. However, you may not be able to correctly display or use some Internet web pages or content services unless the cookie setting is valid.

### Cookie Setting

You can set whether to validate cookies.

- 1  ► Full Browser ► Full Browser settings ► Cookie ► Cookie setting ► Select an item.

**Valid** . . . . . Always validates cookies. The confirmation display does not appear before a cookie is sent or received.

**Invalid** . . . . . Always invalidates cookies.

**Sending** . . . . . Validates cookie's sending/receiving. The confirmation display appears each time a cookie is sent.

**Receiving** . . . . . Validates cookie's sending/receiving. The confirmation display appears each time a cookie is received.

#### Sending/receiving


. . . . . The confirmation display appears asking whether to permit a cookie to be sent or received each time a cookie is sent or received.

- When you replace your UIM with another one, "Invalid" is set. If you change the setting with replacing one inserted, the display for entering your Terminal Security Code might appear.

### Information

- When "Sending", "Receiving", or "Sending/receiving" is set, the confirmation display might consecutively appear asking whether to send/receive (update) cookies depending on the Internet web page.

## Delete Cookies

- 1  ► Full Browser ► Full Browser settings ► Cookie ► Delete Cookies ► Enter your Terminal Security Code ► YES

## Setting Referer

The referer denotes the link source information. When a referer is sent, the information about from which page you have accessed it is sent to the site.

Note that even if your information is detected by a third party by sending a referer, we cannot be held responsible for that.

### Referer Setting

You can set whether to send a referer while an Internet web page is open.

- 1  ► Full Browser ► Full Browser settings ► Referer setting ► Select an item.

**Send** . . . . . Sends a referer.

**Unsend** . . . . . Does not send a referer.

**Notify** . . . . . When a referer is sent, the confirmation display appears asking whether to send it.

### Information

- When "Notify" is set, the confirmation display might consecutively appear asking whether to send a referer depending on the Internet web page.

## PC Movie

By using high speed communication, you can play back smooth and high-quality PC movies provided by portal sites, movie specialty sites and other sites on the Internet.

- PC Movie Player supports playback of Windows Media® Video.
- When downloading or streaming a PC movie, you might receive a bulky size of file. Note that you are charged a high packet communication fee for a bulky sent/received file such as a streaming type file whose size is not limited. For the details of the packet communication fee and billing plan, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

Categories		Description
Type	Playback type	
<b>Streaming type (cannot be saved)</b>	Plays back while obtaining	You can play back a PC movie while obtaining it. A long time playback is available.
<b>Download type (can be saved)</b>	Plays back while obtaining	When "PC Movie auto-play" is set to "ON", you can play back a PC movie while obtaining it. You can save it to the microSD card after download and play it back without re-connection. Up to 10 Mbytes of a file can be downloaded.
	Plays back a file saved to the microSD card	To the microSD card, you can save not only data files obtained by the FOMA terminal but also PC movies obtained or created on a personal computer, and then play them back. You can save a bulky file of up to the space size of microSD card.

- The distribution server for streaming type supports Windows Media Services 4.1 and Windows Media Services 9. You cannot play back a streaming type of PC movie distributed from other than Windows Media Services 4.1 and Windows Media Services 9.
- Some sites check the operating environment (browser type, OS type, etc.) are checked and you might not be able to play back PC movies.
- See page 226 for the supported file format of PC movies.

## Downloading PC Movies

### Playing Back a Streaming Type of PC Movie

#### 1 Select a PC movie from a PC movie obtainable site▶YES

See page 225 for the operation during playback.



#### About license (Windows Media DRM)

- Among the PC movies protected by the license, you can play back the streaming type of PC movies only. You cannot play back the download type of PC movies protected by the license.
- You might not be able to play back PC movies depending on the license setting of the PC movies.
- If files are stored to the maximum when you try to obtain a license to save it to the FOMA terminal, the confirmation display appears asking whether to delete currently stored licenses to save a new one. Select "YES" to delete all the stored licenses to save it. You need to obtain a license again to play back a PC movie whose license is deleted.

## Playing Back a Download Type of PC Movie

### 1 Select a PC movie from a PC movie obtainable site

#### ▶ YES


See page 225 for the operation during playback.



- If "PC Movie auto-play" is set to "ON", a PC movie is played back during obtaining. If "OFF" is set, you can play it back by selecting "Play" from the data acquisition completion display.
- When you obtain a download type of PC movie from a site, the file is obtained while it is played back, and obtaining itself continues even when you suspend the playback midway.

### When obtaining a PC movie is suspended

Depending on the type of a PC movie being obtained or the reason why the obtaining is suspended, the operation differs.



#### Streaming type


After the suspension by an incoming call, alarm notification, or disconnection of communication, the obtaining will be in pause state. Press  to resume playback from the suspended point.

The display before playback returns when you suspend obtaining by pressing  or .

#### Download type

When you cannot continue downloading after the suspension by an incoming call, alarm notification, or disconnection of communication, the data acquisition completion display appears. Select "Play" to play back the obtained segments of the file. Select "Save" to save the obtained segments of the file. (See "Saving PC Movies" on page 224) Select "ResumeDL" to resume obtaining from the suspended point.

The confirmation display appears asking whether to discard the data when you suspend obtaining by pressing  or .

- In the case of download type of PC movies, downloading continues even when a voice call, mail message, or Message R/F comes in or alarm sounds.
- Depending on the PC movie or the site you are connecting to, you cannot resume from the suspended point even by pressing  or selecting "ResumeDL". In that case, the obtaining resumes from the top of the file.

#### Information

- Note that there is no upper size limit for a streaming type of PC movie, you might exchange the files of no size limit. When obtaining it, the confirmation display appears asking whether to play it back.
- Depending on the site or PC movie you are connecting to, you might not be able to obtain a file, play it back during obtaining, or play it back after obtaining.

#### Information

- Depending on the line speed, line state, or radio wave conditions, the playback during obtaining might be suspended or the images might blur. You can repeatedly play back the download type of PC movies after obtaining but cannot play back the streaming type of PC movies.
- If the PC movie has the restrictions on the playable period, you cannot play it back before and after that period. If you leave your FOMA terminal with the battery pack removed for a long time, the date/time information retained in the FOMA terminal might be reset. In that case, you cannot play back the PC movie that has the restrictions on the playable period or playable deadline. See "Contents info" for checking the playback restrictions.
- If you try to play back a PC movie with a low battery, the battery alert tone sounds regardless of the setting of "Keypad sound", and the confirmation display appears asking whether to play it back. When the battery becomes low during playback, the playback pauses, and the confirmation display appears asking whether to end the playback.

## Saving PC Movies

You can save the obtained PC movies to the microSD card. However, you cannot save the streaming type of PC movies.

### 1 A data acquisition completion display ▶ Save ▶ YES

The PC movie is saved to the folder selected by "Select storage".

- When the maximum number of files has already been saved to the microSD card or memory space is full, the confirmation display appears asking whether to delete unnecessary files to save new one. Select "YES" and select unnecessary files from the displayed list in Data Box to delete them. Before deleting, you can play back PC movies on the microSD card for confirmation, but cannot display the previous or next files.

#### Information

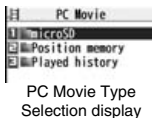
- You cannot attach the saved PC movie to an i-mode mail message for sending.

## Playing PC Movies from Data Box



You can play back movies published on the Internet for personal computers or PC movies saved to the microSD card via a personal computer, etc.

- You can play back the sound of movies in stereo sound by connecting to a stereo earphone (option). Also, you can play back the sound wirelessly by using a commercial Bluetooth device. (See page 427)

### 1 Data box ▶ PC Movie











### 2 microSD ▶ Select a folder ▶ Select a file.









- When you press and hold  for at least one second or press  during playback, pause, or halt, PC Movie Player ends. It ends even during playback with obtaining.



#### ■ Operations while playing back a PC movie

- See page 227 for when you operate from the Function menu.

Operation	Key operation
Pause <sup>※1</sup>	 or  •  or  to play back
Fast forward <sup>※1</sup>	 •  to play back
Display next file <sup>※2※3</sup>	
Display previous file <sup>※2※3</sup>	 <sup>※4</sup>

Operation	Key operation
Select position to play <sup>※1※5</sup>	Press and hold  .
Sound volume adjustment	 or 
Mute/Release mute	
Switch vertical display/horizontal display <sup>※6※7</sup>	 (WIDE) • Each time of pressing switches the display directions.
Remaster	 • Each time of pressing switches between "ON" and "OFF".
Listening	 • Each time of pressing switches in order of "OFF" → "Surround" → "Natur1" → "Natur2".
Equalizer	 • Each time of pressing switches in order of "Normal" → "H.BASS1" → "H.BASS2" → "Train".

- ※1 You might not be able to operate this for some PC movies.
- ※2 You cannot operate this for a streaming type of PC movie, or when you are playing back a PC movie while obtaining it. You cannot operate this when you play back an obtained but unsaved PC movie from the data acquisition completion display, either.
- ※3 The files are displayed in the order on the PC Movie list. You can operate this when you play back from the PC Movie list. However, PC movies in WVX, ASX, and WAX formats are skipped.
- ※4 When three seconds have elapsed after starting playback, you go back to the beginning of the file. However, you might not be able to operate this for a streaming type of PC movie or when you are playing back a PC movie while obtaining it.
- ※5 You cannot operate this during fast-rewinding.
- ※6 The horizontal playback is valid during playback only. When you close the playback display, the vertical display returns.
- ※7 You cannot operate this for PC movies with incompatible video data or voice-only PC movies.
- If you play back on the horizontal display from the pause state, the display might become dark, however, the video appears soon after you resume the playback.

You can perform the following operations during playback or pause of a PC movie by using the switch of an earphone/microphone (option).

Operation	Switch operation
<b>Pause</b>	Press once. ● To play back, press again.
<b>Play back next file</b>	Press twice in succession.
<b>Play back previous file</b>	Press three times in succession. ● When playback time is over three seconds, you go back to the beginning of the file.

#### ■ Specification for PC movie playback

File format	WMV, WMA, WVX, WAX, ASF, ASX		
Extension	wmv, wma, wvx, wax, asf, asx		
Codec	Video	Windows® Media Video 8 through 9※1	
	Audio	Windows® Media Audio 2 through 9	
Bit rate	Video	WMV 8	768 kbps
		WMV 9	2 Mbps
	Voice	384 kbps	
Video size	WMV 8	Files of CIF (352 x 288) size or smaller	
	WMV 9	Files of Wide VGA (800 x 480) size or smaller	
Frame rate	30 fps		

※1 The complex profile of Windows Media Video 9 is not supported. You might be able to play back the files that exceed the bit rates described above.

- Even when the file format is supported, you might not be able to obtain files, play back during obtaining, or play back after obtaining depending on the file.
- If the file format of either video or audio is not supported, the file of the supported format only might be output.

#### Information

- Files with the extension of wvx, wax, asx are the files for which the URL of a PC movie on the Internet is specified. When you select those files saved on the microSD card, streaming or downloading playback starts from the specified URL.

#### ■ Icons on the PC Movie list

Icon	File format
	WMV, ASF
	WVX, ASX
	WMA
	WAX

Icon	Description
	PC movie on the Internet
	PC movie saved to the microSD card

- “” and “” are displayed only for “Position memory” or “Played history”.

#### When you select “Position memory” from the PC Movie Type Selection display

The Position Memory Selection display appears. When you select “Marker to resume” or “Position memory1 through 9”, the PC movie is played back from the stored position.

Marker to resume	This is stored automatically when a call comes in, an alarm operates, or the battery level goes flat during playback of a PC movie, or when you terminate the PC Movie player during playback.
Position memory	You can store in any optional position in a PC movie, and create up to nine position memories. (See page 227 and page 228)

- You can display information about the position memory by pressing (FUNC) and selecting “Posit. memory info”.
- To delete “Position memory”, press (FUNC) and select “Multiple-choice”, “Delete this”, or “Delete all”. You cannot delete “Marker to resume”.
- When a PC movie with a position memory has been deleted or moved to another folder, or when its file name has been edited, you cannot play it back.
- Even when you play back a PC movie from a position memory, it may be played back from the beginning, depending on the PC movie.



## When you select “Played history” from the PC Movie Type Selection display

When you play back a PC movie, the URL or storage location of that file is stored as a history. Up to 30 histories are stored, and when those are exceeded, the oldest history is overwritten. Select a played history to play back the PC movie according to the history information.




- When a PC movie stored in a played history has been deleted or moved to another folder, you cannot play it back.
- When you play back an obtained but unsaved PC movie from the data acquisition completion display, it is not stored in Played History.

## Function Menu of the PC Movie Folder List

<b>Add folder</b>	▶ <b>Enter a folder name.</b> ● You can enter up to 31 full-pitch/63 half-pitch characters.
<b>Edit folder name</b>	▶ <b>Enter a folder name.</b> ● You can enter up to 31 full-pitch/63 half-pitch characters.
<b>Delete folder</b>	▶ <b>Enter your Terminal Security Code</b> ▶ <b>YES</b>
<b>Select storage</b>	You can set a destination folder for saving downloaded PC movies to the microSD card. ▶ <b>YES</b>



### Information

<Select storage>



- “” is displayed for the folder set as a destination folder.







## Function Menu of the PC Movie List/Played History List

<b>Contents info</b>	You can display the file title, file name, and others of the PC movie.
<b>Move</b>	You can move the PC movie to another folder. ▶ <b>Select a destination folder.</b>
<b>Edit title</b>	
<b>Edit title</b>	▶ <b>Enter a title.</b> ● You can enter up to 18 full-pitch/36 half-pitch characters.

<b>Reset title</b>	You can reset the title to the default. ▶ <b>YES</b>
<b>Copy</b>	You can copy the PC movie to another folder. ▶ <b>Select a destination folder.</b>
<b>History info</b>	You can display information of the played history.
<b>Position memory</b>	You can store the URL information of the PC movie stored in Played History to a position memory. When you play back the file from the position memory, it is played back from the beginning. ▶ <b>Select a position memory number to be registered.</b> ● You cannot select “Marker to resume”.
<b>Multiple-choice</b>	You can select multiple files and operate them. ▶ <b>Put a check mark for files to be operated</b> ▶  <b>FUNC</b>  ▶ <b>Select an item.</b> <b>Delete</b> . . . . . See “Delete this” on page 227. <b>Copy</b> . . . . . See page 227. <b>Move</b> . . . . . See page 227.
<b>Description</b>	You can display the lyric or description of the PC movie. ▶ <b>The words view or Description view</b> ● Up to 1,024 full-pitch/2,048 half-pitch characters can be displayed in each.
<b>Memory info</b>	You can display the used memory space (estimate).
<b>Delete this</b>	▶ <b>YES</b>
<b>Delete all</b>	You can delete all the files in the folder. ▶ <b>Enter your Terminal Security Code</b> ▶ <b>YES</b>
<b>Listing</b>	You can change the display format of PC Movie list. ▶ <b>Title or File name</b>

## Function Menu during Pause/at the End of Playback

<b>Fast</b>	The PC movie is played back fast. ● To cancel it, press  (  .
-------------	--

<b>Rewind</b>	The PC movie is played back fast in the opposite direction. ● To cancel it, press  (   ).
<b>Stop</b>	You can end playback.
<b>Position to play</b>	You can set the start position for playing back the PC movie. ▶ Use  to move the cursor position of the time bar and press  (Set). ● To cancel, press  .
<b>Sound effect</b>	
<b>Remaster</b>	You can bring the sound from an earphone or Bluetooth device to the original sound by complementing high-pitch range lost at data compression. ▶ <b>ON or OFF</b>
<b>Listening</b>	You can set the effect of the sound from an earphone or Bluetooth device. ▶ <b>Select an item.</b> <b>Surround</b> . . . Makes the sound natural and stereophonic. <b>Natur 1/2</b> . . . Complements the cooped-up feeling specific to earphones and plays back natural sound. Select 1 or 2 according to your taste. <b>OFF</b> . . . . . Sets Listening to "OFF".
<b>Equalizer</b>	You can change the quality of the sound from an earphone or Bluetooth device. ▶ <b>Select an item.</b> <b>Normal</b> . . . Reproduces normal sound quality. <b>H.BASS1</b> . . . Enhances bass sound. <b>H.BASS2</b> . . . Enhances bass sound more deeply than H.BASS1. <b>Train</b> . . . . . Minimizes abnormal sound that causes sound leakage.
<b>Contents info</b>	See page 227.
<b>Position memory</b>	You can store a position memory in the PC movie. Operate at the desired position in pause state. ▶ <b>Select a position memory number to be stored.</b> ● You cannot select "Marker to resume".
<b>Description</b>	See page 227.

<b>Copy URL</b>	While playing back a PC movie published on the Internet, you can copy the URL of that PC movie. ● You can copy up to 512 half-pitch characters for the URL.
<b>Display size</b>	You can set whether to display the PC movie in the original size (Actual size) or to fit it to the display size. ▶ <b>Actual size or Fit in display</b> ● Even if you set to "Actual size", the PC movie in excess of the display size is reduced to the display size.

### Information

- <Position to play>
  - Depending on the PC movie, you might not be able to select the position to play.
- <Sound effect>
  - Even if an earphone or Bluetooth device is not connected, the respective setting contents are displayed on the display.
- <Position memory>
  - Depending on the PC movie, the top position might be stored as the playback start position regardless of the position where you pause.
- <Display size>
  - Depending on the image size, the image might be displayed with the right or bottom side cut off.

# Camera

Before Using Camera .....	230
Shooting Still Images .....	<Still Image Shoot> 233
Shooting Movies .....	<Movie Shoot> 236
Changing Settings for Shooting .....	238
Setting Image Size and Image Quality .....	240
Using Bar Code Reader .....	<Bar Code Reader> 244

## ■ Copyrights and Portrait Rights

You have no right to copy, modify, or distribute the contents of which a third party holds the copyright such as text, image, music, or software programs downloaded from web pages on the Internet, or recorded using this product, without permission from the copyright holder except for when the copy or quote is for personal use that is allowed by the copyright law.

Note that it may be prohibited to shoot or record live performances or exhibitions even for personal use.

Make sure that you refrain from shooting portraits of other persons and distributing such portraits over the Internet without consent, as this may violate portrait rights.





- You may be imposed punishment according to the law and rule (such as the nuisance prevention ordinance) if you use the FOMA terminal to give a remarkable nuisance and misdeed to the public.



Please be considerate of the privacy of individuals around you when shooting and sending photos using camera-equipped mobile phones.

## Before Using Camera

### Notes for when Shooting Images

- Check the lens for any stain before shooting. If the lens is stained, clean the lens with a soft cloth. If the lens is stained with fingerprints or something oily, you will not be able to focus on a subject, or the stains are reflected on still images or movies you shoot.
- Make sure that you do not let fingers, hairs, or the strap overlap the lens when shooting.
- Make sure that you hold the FOMA terminal securely with your hands so that it does not move when shooting. Otherwise, the image may be blurred, especially in a dark place.
- Do not leave the FOMA terminal with the lens pointing direct to the sunlight. Pixels may be discolored or burns may result.
- If you shoot under a fluorescent lamp, mercury lamp, or sodium lamp flickering at high speeds, "flicker symptom", horizontal stripes flow from top to bottom or left to right of the display, may result. The color tone for the image may vary depending on a shooting timing.
- If you shoot a subject containing an area of an extremely high brightness such as the reflection of sun light, the bright area might be black-spotted but this is not a malfunction.
- Images shot by the cameras might differ from actual subjects in color tone and brightness.
- When the battery level is low, you may not be able to save still or moving shot images.
- A slight time lag is found between when you press  (Record) or  and when you actually shoot. Therefore, if you shoot a fast moving subject, the subject might be shot with its position slightly away from the one you see it when you press  (Record) or .
- Do not remove the microSD card while saving files to it. The FOMA terminal or microSD card could malfunction.
- If you turn off the power while saving a file, an incomplete file may be saved.

- If the battery pack is removed off while saving a file to the FOMA terminal or microSD card, that data becomes contingent.
- You need to obtain a microSD card separately to use the functions related to the microSD card.  
The microSD card is available at mass retailers for home electric appliances, etc. (See page 368)

### Use Cameras

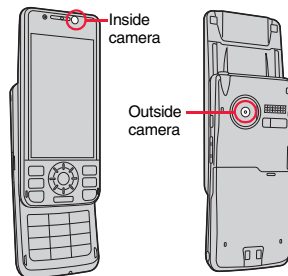
You can use the cameras to shoot still images or movies.

You can switch between the front (inside camera) and the back (outside camera).

The outside camera comes with the focus function to automatically focus on subjects. (See page 239) The Image Stabilizer function enables you to shoot images with less blur. (See page 241)

You can easily operate the main functions for shooting not only from the Function menu but also by operating the keys.

- You can use the cameras on the vertical display with the FOMA terminal opened and can use them on the horizontal display with the FOMA terminal closed. When you open/close the FOMA terminal, the display automatically switches between the vertical display and the horizontal display. However, it might not switch depending on the activated function.



## Operations for shooting

Icon menu operation※1		Brightness	
Function menu access※2		White balance	
Bar code reader※2		Photo mode	
Shutter/Save		Image quality	
TELE		Image size	
WIDE		High sensitivity (when the outside camera is used)	
Settings for Focus (when the outside camera is used)		Auto timer※5	
Focus function (when the outside camera is used)		Store in※6	
Change camera-mode※3※4		Switch cameras※7	
Icons※5		End camera (in ordinary time)	
Photo light※5		Release focus lock (when focus is locked)	
		End camera	

- ※1 You can operate by pressing from the horizontal display.
- ※2 You cannot operate from the horizontal display.
- ※3 Each time of pressing switches in order of "Photo mode"→"Movie mode"→"Continuous mode".
- ※4 You can operate by pressing from the horizontal display.
- ※5 Each time of pressing switches between "ON" and "OFF".
- ※6 Each time of pressing switches between "Phone" and "microSD".
- ※7 Each time of pressing switches between the inside camera and outside camera.

## Information

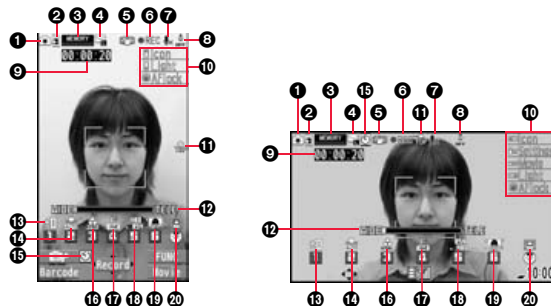
- While the camera is activated, the photo light flickers. You cannot turn off flickering.
- You cannot change or mute the volume of the shutter sound. You cannot set a downloaded melody for the shutter sound, either.
- If no key operation is done on the Finder display, the camera is automatically deactivated after about three minutes.

## Information

- When you shoot in a dark place, ensure to set "Photo mode" of "Camera settings" to "Night mode".
- You can operate the following by the Icon menu: "Brightness", "White balance", "Photo mode", "Image quality", "Image size", "High sensitivity." and "Focus".

## Camera Setting and Finder Display







































On the Finder display, the settings are indicated by bars and icons.



Icon/bar name	Icon	Description	Page
1 Camera mode		Photo mode	233
		Movie mode	236
		Continuous mode (Auto, Manual, Auto bracket)	234
2 Store in		Phone	241
		microSD	

Icon/bar name	Icon	Description	Page
⑤ Number of recordable image	—	Number of remaining recordable still images Up to 999 images are displayed.	—
Memory capacity bar		Memory usage state (estimate) in Movie mode Displayed in red when the memory space reaches maximum.	—
④ File size setting		Mail restrict'n (S)	240
		Mail restrict'n (L)	
		Long time	
⑤ Image stabilizer		Auto	241
⑥ Shooting status		During movie recording	236
⑦ Movie type set		Records only the video.	241
⑧ Photo light		ON	239
		OFF	
⑨ Recordable time	—	Recordable time (estimate) for movies	—
⑩ Key guidance	—	Displays key guidance.	—
⑪ Top icon		Shows the vertical direction for shooting.	—
⑫ Zoom bar		Zooming status	238
⑬ Brightness		Brightness of shot image	240
⑭ White balance		Auto	240
		Fine	
		Cloudy	
		Light bulb	
		Fluorescent light	

Icon/bar name	Icon	Description	Page
⑮ Number of frames for continuous shooting		Number of frames at "Manual" shooting in "Continuous mode" (This is displayed at ⑦ on the horizontal display.)	241
	Auto timer		ON
⑯ Photo mode		Normal	240
		Portrait	
		Sports	
		Food	
		Scenery	
		Night mode	
		Backlight	
		Character	
		Snow	
		Sunset	
⑰ Image quality		Normal	240
		Fine	
		Super fine	
		Super fine	

Icon/bar name	Icon	Description	Page				
⑩ Image size (Photo mode/ Continuous mode)	 / 	5M (1944 x 2592)	240				
	 / 	3.7M Wide (1456 x 2592)					
	 / 	3M (1536 x 2048)					
	 / 	2M Wide (1080 x 1920)					
	 / 	2M (1200 x 1600)					
	 / 	1M (960 x 1280)					
	 / 	Stand-by (480 x 854)					
	 / 	Outside camera photo	VGA (480 x 640)	240			
					Inside camera photo Continuous shooting	 / 	QVGA (240 x 320)
						 / 	QCIF (144 x 176)
						 / 	Sub-QCIF (96 x 128)
						 / 	VGA (640 x 480)
	Image size (Movie mode)	 / 	HVGA Wide (640 x 352)	241			
 / 		QVGA (320 x 240)					
 / 		QCIF (176 x 144)					
 / 		Sub-QCIF (128 x 96)					
 / 		ON					
⑪ Focus		Face detection	241				
		Auto					
		Close-up					
		Landscape					


<Still Image Shoot>

## Shooting Still Images

- See page 344 for how to display saved still images.

### Shoot a Still Image


#### 1 Press .

- The Camera menu is displayed by  
 ▶ LifeKit ▶ Camera.  
 You can start also by selecting "Photo mode" from the Camera menu.
- You can paste the Camera menu to the desktop. (See page 31)



#### 2 Press (Record) or .

A still image is shot. The Post View display for confirmation appears.

- If "Focus" is set to "Face detection" or "Auto" when you shoot with the outside camera, shooting starts after the focus operation.
- When you shoot with the outside camera, you can focus on a subject by pressing  (halfway). (See page 239)
- The image appears horizontally reversed (mirrored) when you shoot with the inside camera; however the image is correctly displayed when played back.
- When "Auto save set" is set to "ON", the Post View display does not appear; the still image is automatically saved.

### 3 Press (Save) or .

The still image you shot is saved to the "Camera" folder of "My picture" in the FOMA terminal or to the microSD card.

- See "Store in" and "Select storage" for selecting a storage location.
- To save the still image as an mirrored image (horizontally reversed), press (FUNC) and select "Mirror save".
- Press to cancel the shot still image and return to the Finder display.



Post View display

### 2 Press (Record) or .

Continuous shooting starts.

When "Continuous mode" is set to "Manual", press (Record) or the number of times of shooting frames. The Post View display for confirmation appears.

- If "Focus" is set to "Auto" when you shoot with the outside camera, shooting starts after the focus operation.
- When you shoot with the outside camera, you can focus on a subject by pressing (halfway). (See page 239)
- To cancel shooting midway, press . If you shoot in the "Auto" or "Auto bracket" mode of "Continuous mode", you can cancel also by pressing (Quit). You can cancel shooting also by closing the FOMA terminal.
- The image appears horizontally reversed (mirrored) when you shoot with the inside camera; however the image is correctly displayed when played back.
- When "Auto save set" is set to "ON", the Post View display does not appear; the still images are automatically saved.

## Continuous Shooting

You can continuously shoot still images. You can set the number of frames, and shooting interval for auto-shooting. (See page 241)

### 1 (Movie) (Cont.)

- When the FOMA terminal is closed, operate .
- The camera starts in the mode you used last time, "Auto", "Manual", or "Auto bracket". To change Continuous Mode, see "Continuous mode" of "Cont. shooting set".



Finder display

### 3 To select a still image and save it

Select a still image and press (Detail)

(Save) or .

- When the FOMA terminal is closed, select a still image and then operate or press . In this case, you cannot save the still image as a mirrored image.
- Press from the detailed display to show the previous or next still image.
- To save the still image as a mirrored image (horizontally reversed), press (FUNC) and select "Mirror save".



Post View display





Detailed display



## To select multiple still images and save them

### Put a check mark for still images to be saved



#### ▶ ( Save ) ▶ Save or Mirror save

- If you highlight a still image and press  (Select) or , “” is added. Perform the same operation again to release the selection.
- When the FOMA terminal is closed, put a check mark for still images to be saved and press . In this case, you cannot save the still images as mirrored images.

## To save all still images

#### (STO all) ▶ Save or Mirror save








The still images you shot are saved to the “Camera” folder of “My picture” in the FOMA terminal or to the microSD card.

- When the FOMA terminal is closed, press . In this case, you cannot save the still images as mirrored images.
- See “Store in” and “Select storage” for selecting a storage location.
- Press  from the Post View display to cancel the shot still images and return to the Finder display.

## Information

- The image quality may be coarse depending on “Image size” or “Display size”.
- When you shoot, the tone selected for “Shutter sound” sounds regardless of the settings such as Manner Mode. The sound volume for shutter tone cannot be changed.
- Even when a mail message comes in while shooting, the shooting operation continues. Though unread message icon is displayed, the Mail Receiving display is not displayed.
- If you end the camera function by using Multitask while shooting, unsaved still images are deleted.
- When shooting, hold the FOMA terminal securely to avoid blurred images.
- The photo light flickers at shooting in Photo Mode or in Continuous Mode with “Manual” set. It lights in Continuous Mode with “Auto” or “Auto bracket” set.

## Function Menu of the Post View Display in Photo Mode/ Detailed Display in Continuous Mode

<b>Save</b>	See page 234.
<b>Mirror save</b>	See page 234.
<b>Attach to mail</b>	<p>You can save the still image you shot and attach it to an i-mode mail message.</p> <p>Go to step 2 on page 142.</p> <ul style="list-style-type: none"><li>• You can compose an i-mode mail message also by pressing  . When the FOMA terminal is closed, you can compose it by pressing .</li></ul>
<b>Attach location</b>	<p>▶ <b>Select an item.</b></p> <p><b>By position loc.</b></p> <p>... Measures the current location (see page 326) and store the location information. After checking the location information, press .</p> <p><b>From loc. history</b></p> <p>... Select a piece of location information from Location History (see page 335) and store it.</p>
<b>Set display</b>	<p>You can save the shot still image and paste it to the Stand-by display and others for displaying.</p> <p>Go to “Set display” on page 345.</p> <ul style="list-style-type: none"><li>• Even when “Store in” is set to “microSD”, the still image is saved to the FOMA terminal.</li></ul>
<b>Change frame</b>	<p>You can replace the frame added to the shot still image with a new one.</p> <p>▶ <b>Select a frame.</b></p> <ul style="list-style-type: none"><li>• Press  to show the previous or next frame.</li><li>• To reselect a frame, press  (Cancel).</li></ul> <p>▶ </p> <ul style="list-style-type: none"><li>• You cannot release the frame.</li></ul>
<b>Store in</b>	See page 241.
<b>Normal display/ Mirror display</b>	You can switch between a correct image and a mirrored image (horizontally reversed).
<b>Display size</b>	See page 242.
<b>File restriction</b>	See page 243.

Icon	See page 242.
Cancel	You do not save the shot still image.

### Function Menu of the Post View Display in Continuous Mode

Save	See page 235.
Store all/animat'n	You can save all the shot still images to store as an original animation. ▶ Save or Mirror save ▶ <New>
Store in	See page 241.
Normal display/ Mirror display	You can switch between a correct image and a mirrored image (horizontally reversed).
File restriction	See page 243.
Cancel	You do not save the shot still images.

### Information

#### <Store all/animat'n>




- When "Store in" is set to "microSD", this function is not available.
- If you have shot a single still image only, this function is not available.

### <Movie Shoot>

## Shooting Movies

- See page 351 for playing back the saved movies.

### 1 (Movie)


- When the FOMA terminal is closed, operate  .
- The Camera menu is displayed by  ▶ LifeKit ▶ Camera.  
You can start also by selecting "Movie mode" from the Camera menu.
- You can paste the Camera menu to the desktop. (See page 31)



Finder display

### 2 Press (Record) or .

Recording starts.

- If "Focus" is set to "Auto" when you shoot with the outside camera, shooting starts after the focus operation. While shooting, the subject is automatically focused regardless of the setting of "Focus".
- When you shoot with the outside camera, you can focus on a subject by pressing  (halfway). (See page 239)
- When you shoot with the inside camera, the horizontally reversed (mirrored) image is displayed, but it is displayed normally when played back.


### 3 Press (Stop) or .

Recording ends. The Post View display for confirmation appears.

- Recording automatically ends when a call comes in, the low battery alarm sounds, or the FOMA terminal is closed during recording.
- When "Auto save set" is set to "ON", or "File size setting" is set to "Long time", the Post View display does not appear; the movie is automatically saved.

## 4 Press ( Save ) or .

The movie you shot is saved to the "Camera" folder of "i motion" in the FOMA terminal or to the microSD card.

- See "Store in" and "Select storage" for selecting a storage location.
- Press  to cancel the shot movie and return to the Finder display.



Post View display

### If recording ends or the image quality deteriorates while shooting

When you use a microSD card that you repeatedly save/delete data files to/from, the writing speed slows down, recording might end midway or the image quality might deteriorate.

Do the following operations to improve such symptoms:

#### 1. Copy all the data files from the microSD card onto your personal computer as they are.

- When your personal computer is set so as to hide folders and files, change the settings to display those folders and files, and then operate. For how to change the settings, refer to the operating manual or Help on the personal computer you use.
- Do not change the names of folders and files copied to the personal computer.

#### 2. Use the personal computer to delete all the data files on the microSD card.

- Do not format the microSD card. The data files might not be played back.

#### 3. Copy the data files copied in step 1 back to the microSD card.

- Be sure to copy them back to the same microSD card. Even if you save the copyrighted data files on another microSD card, you cannot play them back.




#### Information

- The shutter tone set by "Shutter sound" sounds when shooting starts and ends regardless of the settings such as Manner Mode. The sound volume for shutter tone cannot be changed.
- If you do key operations while recording, the operation sound may be picked up.
- The photo light turns on during recording.

#### Information

- When you switch the subject you are shooting to a subject with a difference in perspective, it takes time to focus on the new subject.
- When you have difficulty focusing on a subject, switch to another subject. Then the subject might come into focus.
- The operating speed of focusing is slowed down in a dark place.

### Function Menu of the Post View Display in Movie Mode

<b>Play</b>	See page 351.
<b>Save</b>	See page 237.
<b>Attach to mail</b>	You can save the recorded movie and attach it to an i-mode mail message. Go to step 2 on page 142. <ul style="list-style-type: none"><li>• You can compose an i-mode mail message also by pressing  (). When the FOMA terminal is closed, you can compose it by pressing .</li></ul>
<b>Set as stand-by</b>	You can save the recorded movie and set it for the Stand-by display.
<b>Store in</b>	See page 241.
<b>Display size</b>	See page 242.
<b>File restriction</b>	See page 243.
<b>Icon</b>	See page 242.
<b>Cancel</b>	You do not save the recorded movie.

#### Information

##### <Set as stand-by>

- Some movies might not be displayed correctly.
- See page 111 for playback of the movie set for the Stand-by display.

## Changing Settings for Shooting

You can set the camera when shooting images.

### Use Zoom

You can display the image through the camera in “WIDE” or “TELE”.  
The maximum magnification for each size is as follows:

#### ■ Outside camera

Camera mode	Size	Level of zoom	The maximum magnifications (Approx.)
Photo (High sensitiv.: OFF)	5M (1944 x 2592)	1 level	1.0 time
	3.7M Wide (1456 x 2592)	1 level	1.0 time
	3M (1536 x 2048)	6 levels	1.2 times
	2M Wide (1080 x 1920)	6 levels	1.3 times
	2M (1200 x 1600)	11 levels	1.6 times
	1M (960 x 1280)	21 levels	2.0 times
	Stand-by (480 x 854)	11 levels	1.5 times
	VGA (480 x 640)	31 levels	4.0 times
	QVGA (240 x 320)	31 levels	8.1 times
	QCIF (144 x 176)	31 levels	13.5 times
Photo (High sensitiv.: ON)	Sub-QCIF (96 x 128)	31 levels	20.2 times
	1M (960 x 1280)	1 level	1.0 time
	Stand-by (480 x 854)	11 levels	1.5 times
	VGA (480 x 640)	11 levels	2.0 times
	QVGA (240 x 320)	31 levels	4.0 times
Continuous	QCIF (144 x 176)	31 levels	6.7 times
	Sub-QCIF (96 x 128)	31 levels	10.1 times
	VGA (480 x 640)	11 levels	2.0 times
	QVGA (240 x 320)	31 levels	4.0 times

Camera mode	Size	Level of zoom	The maximum magnifications (Approx.)
Movie (Image stabilizer: Auto)	VGA (640 x 480)	11 levels	1.6 times
	HVGA Wide (640 x 352)	11 levels	1.6 times
	QVGA (320 x 240)	21 levels	2.4 times (3.2 times)
	QCIF (176 x 144)	31 levels	4.4 times (5.3 times)
	Sub-QCIF (128 x 96)	31 levels	6.0 times (8.0 times)
Movie (Image stabilizer: OFF)	VGA (640 x 480)	11 levels	2.0 times
	HVGA Wide (640 x 352)	11 levels	2.0 times
	QVGA (320 x 240)	21 levels	3.0 times (4.0 times)
	QCIF (176 x 144)	31 levels	5.5 times (6.7 times)
	Sub-QCIF (128 x 96)	31 levels	7.5 times (10.1 times)

● When the maximum magnification for the horizontal display differs from the one for the vertical display, it is mentioned in ( ).


#### ■ Inside camera

Camera mode	Size	Level of zoom	The maximum magnifications (Approx.)
Photo/ Continuous	VGA (640 x 480)	1 level	1.0 time
	QVGA (240 x 320)	1 level	1.0 time
	QCIF (144 x 176)	6 levels	1.5 times
	Sub-QCIF (96 x 128)	21 levels	2.1 times
	VGA (640 x 480)	1 level	1.0 time
Movie	HVGA Wide (640 x 352)	1 level	1.0 time
	QVGA (320 x 240)	1 level	1.0 time
	QCIF (176 x 144)	6 levels	1.9 times (1.5 times)
	Sub-QCIF (128 x 96)	21 levels	2.8 times (2.1 times)

● When the maximum magnification for the horizontal display differs from the one for the vertical display, it is mentioned in ( ).

## 1 Finder display ▶ Use to adjust the magnification.

### Information

- The image quality may slightly change when you select "WIDE" or "TELE".
- "TELE" is released in the following cases:
  - When you press  to end the camera
  - When a size is changed
  - When camera mode is switched

## Use Focus Function





### You can shoot with the outside camera which focuses on a subject.

- When "Focus" is set to "Face detection", faces are detected in the first place. When a face is detected, the yellow frame is shown. Up to five faces are detected, and the image is shot with a single face of them automatically focused according to the face size and position. When multiple faces of people are found, the frame for a face to be focused becomes yellow. When the detection fails, the focus function works in "Auto".
- The focus function works when you shoot a subject about 10 cm or more away.

## 1 Finder display ▶ or (halfway)

When a subject is focused, a confirmation tone sounds, the frame becomes green, and the focus is locked.

When the subject is not focused, the frame becomes red.

- When the focus is locked by pressing  (halfway), release  (halfway) to unlock the focus. When the focus is locked by pressing , press  to reset it.

### Information

- If "Movie type set" is set to "Voice" in Movie Mode, you cannot use the focus function.
- "Face detection" is available only in Photo Mode.

### Information


- Even when "Focus" is set to "Face detection", you might not be able to detect the face in the following cases:
  - When the face faces sideways or askew
  - When the face is at a slant
  - When part of the face is covered by glasses, a cap, or shadows
  - When the face is extremely small, large, or dim when compared to overall screen size
  - When the face is placed at the edges of the display
- The distance that faces can be detected by "Face detection" is within 2.5 m.

## Photo Light

At Camera start-up	OFF
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**You can light the photo light as a spare light for when you use the outside camera to shoot in a dark place. In Photo Mode, the photo light flashes strong at the instant the shutter is pressed.**

## 1 Finder display ▶

- When the FOMA terminal is opened, you can set it also by Finder display ▶  (FUNC) ▶ Photo light ▶ ON or OFF.
- The photo light returns to the flickering state when you do not operate for about 30 seconds. Further, it goes off when you show the Post View display.

### Information

- You cannot use the photo light when "Movie type set" is set to "Voice" in Movie Mode.
- You cannot use the photo light when the battery level shows very low.

# Setting Image Size and Image Quality

## Function Menu of the Finder Display

<b>Inside camera/ Outside camera</b>	You can switch between the inside camera and outside camera.
<b>CHG camera-mode</b>	<b>▶ Select a mode.</b> ● When you select "Continuous mode", the camera starts in the mode you used last time, "Auto", "Manual", or "Auto bracket".
<b>Image size</b>	<b>▶ Select an image size.</b>
<b>File size setting</b> [Movie Mode only]	<b>▶ Select an item.</b> <b>Mail restrict'n (S)</b> . . . You can shoot up to 500 Kbytes. <b>Mail restrict'n (L)</b> . . . You can shoot up to 2 Mbytes. <b>Long time</b> . . . . . You can shoot for a long time. The movie is saved to the microSD card.
<b>Image quality</b>	You can set the image quality for saving. <b>▶ Select an image quality.</b> <b>Normal</b> . . . . . For shooting with standard image quality. <b>Fine</b> . . . . . For shooting with fairly high image quality. <b>Super fine</b> . . . . . For shooting with high image quality.
<b>Camera settings</b>	
<b>Brightness</b>	You can adjust to -3 (dark) through +3 (bright). <b>▶ Select a brightness level.</b>
At Camera start-up ±0	
<b>White balance</b>	You can adjust the coloring of the image on the Finder display to create a natural color tone. <b>▶ Select an item.</b>
At Camera start-up Auto	<b>Auto</b> . . . . . For adjusting white balance automatically <b>Fine</b> . . . . . For shooting outdoors in fine weather <b>Cloudy</b> . . . . . For shooting in cloudy weather or in the shade <b>Light bulb</b> . . . . . For shooting under incandescent light <b>Fluorescent light</b> . . . . . For shooting under fluorescent light

<b>Color mode set</b>	<b>▶ Select a color mode.</b>
At Camera start-up Normal	<b>Normal</b> . . . . . For shooting in normal color. <b>Sepia</b> . . . . . For shooting in sepia color. <b>Monochrome</b> . . . . . For shooting in monochrome. <b>Vivid</b> . . . . . For shooting with the vivid contours and raised color saturation. <b>Natural</b> . . . . . For shooting with the smooth contours and lowered color saturation. <b>Whitening</b> . . . . . For shooting faces in bright color. <b>Suntan</b> . . . . . For shooting faces in dark color.
<b>Photo mode</b>	You can set a photo mode suitable for the place. <b>▶ Select a photo mode.</b>
At Camera start-up Normal	<b>Normal</b> . . . . . Standard mode <b>Portrait</b> . . . . . For shooting portraits <b>Sports</b> . . . . . For shooting moving subjects such as athletes <b>Food</b> . . . . . For shooting dishes <b>Scenery</b> . . . . . For shooting scenery <b>Night mode</b> . . . . . For shooting in dark places such as in nighttime <b>Backlight</b> . . . . . For shooting against the sun (from behind) <b>Character</b> . . . . . For shooting characters <b>Snow</b> . . . . . For shooting in snowy places <b>Sunset</b> . . . . . For shooting in sunset <b>Pet</b> . . . . . For shooting pets, etc.

<b>Focus</b>	You can set the focus of the outside camera. ▶ <b>Select an item.</b> <b>Face detection</b> . . . For focusing on a person's face <b>Auto</b> . . . . . For focusing automatically before shooting (See page 239) <b>Close-up</b> . . . . . For focusing on a subject in a short distance <b>Landscape</b> . . . . . For focusing on a landscape in a long distance ● "Face detection" is available only in Photo Mode.
<b>Img. stabilizer</b> [Photo/Movie Mode]	You can correct camera shake for when shooting with the outside camera. ▶ <b>Auto or OFF</b>
<b>Shoot with frame</b> At Camera start-up OFF [Photo Mode only]	You can shoot a still image with a frame. ▶ <b>ON or OFF</b> ▶ <b>Select a frame.</b>
<b>Shutter sound</b>	You can set a shutter sound. You can set a shutter sound each for Photo Mode (Continuous Mode) and Movie Mode. ▶ <b>Select a shutter sound.</b> ● While selecting a shutter sound, you can check the selected sound.
<b>Flicker correction</b>	You can suppress flicker on the Finder display for shooting with the outside camera. ▶ <b>Auto, Mode 1 (50Hz) or Mode 2 (60Hz)</b>

**Storage setting**

<b>Store in</b>	You can set the storage location for the still images or movies you shot. ▶ <b>Phone or microSD</b>
<b>Auto save set</b>	You can set whether to automatically save the image after shooting. When "Store in" is "Phone", the image is saved to the "Camera" folder. When "Store in" is "microSD", the image is saved to the folder set by "Select storage". ▶ <b>ON or OFF</b>
<b>File restriction</b>	See page 243.

<b>High sensitiv.</b> At Camera start-up OFF [Photo Mode only]	You can shoot with high-sensitivity when shooting with the outside camera. ▶ <b>ON or OFF</b>
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<b>Photo light</b>	See page 239.
<b>Auto timer</b>	See page 244.

**Cont. shooting set.**

<b>Continuous mode</b> [Continuous Mode only]	▶ <b>Select a mode.</b> <b>Auto</b> . . . . . Shoots automatically at an interval and with the number of frames as specified by "Shot interval" and "Shot number". <b>Manual</b> . . . . . Shoots one by one manually with the number of frames specified by "Shot number". <b>Auto bracket</b> . . . Shoots automatically nine still images at an interval of about 0.3 second while changing the brightness and color tone one by one. ● Select "Manual" to display the number of frames for continuous shooting.
<b>Shot interval</b> [Continuous Mode only]	▶ <b>Select a shooting interval.</b> ● You can set this only in "Auto" of Continuous Mode.
<b>Shot number</b> [Continuous Mode only]	▶ <b>Enter the number of photos.</b> ● When "Image size" is set to "VGA (480 x 640)", you cannot change "Shot number". ● You can set this only in "Auto" or "Manual" of Continuous Mode.

<b>Movie type set</b> At Camera start-up Normal [Movie Mode only]	You can select whether to record both the video and voice, or one of them when you shoot the movie. ▶ <b>Normal, Video, or Voice</b>
--	---

<b>Display size</b>	You can set whether to display a still image or movie in the original size (Actual size) or to fit to the screen size on the Finder display. ▶ <b>Actual size or Fit in display</b>
<b>Common replay mode</b> [Movie Mode only]	You can set a shooting size appropriate for attaching to i-mode mail. ▶ <b>YES</b> ● Image Size is set to "QCIF", File Size Setting is set to "Mail restrict'n (S)", and Image Quality (Movie Mode) is set to "Normal".
<b>Icon</b>	You can set whether to display icons. ▶ <b>ON or OFF</b>
<b>Memory info</b>	You can display the used memory space (estimate)/number of stored items.

### Information

#### <Inside camera/Outside camera>

- When "Image size" is set to larger than "Stand-by (480 x 854)", and you switch to the inside camera, the camera starts up in "VGA (640 x 480)".

#### <File size setting>

- When "Long time" is set, "Store in" is set to "microSD". If you switch "File size setting" to other than "Long time" without ending the camera, "Store in" returns to "Phone".

#### <Photo mode>

- Even if you change the setting of "Brightness", "White balance", "Color mode set", or "Focus", each setting changes to appropriate one for each shooting mode when you change "Photo mode".
- Note that the image may blur in Night Mode because the exposure takes a longer time.

### Information

#### <Img. stabilizer>

- Image Stabilizer function is only for decreasing the degree of camera shake, so its effect differs depending on the subject or condition.
- Image Stabilizer might not work effectively in the following cases:
  - When the camera shakes to a great extent
  - When zooming is in use
  - When shooting moving subjects
- "Img. stabilizer" becomes invalid when "Photo mode" of "Camera settings" is set to "Sports", "Night mode", or "Pet" in Photo Mode.
- Residual images might remain in the area where the subject is moving, or noise might be found in overall area. In that case, set this function to "OFF".
- In Movie Mode, the shooting range varies depending on the "Auto" or "OFF" setting because peripheral pixels are used for the processing by Image Stabilizer.
- When this function is activated in Photo Mode, the processing after shooting might be about two seconds longer due to the processing by Image Stabilizer.
- You cannot use Image Stabilizer for the inside camera.

#### <Shoot with frame>

- When "Image size" is set to larger than "1M (960 x 1280)", you cannot shoot with a frame.
- If you shoot a still image with a frame using the inside camera and save it, the frame is also horizontally reversed when the still image is automatically reversed as a correct image.
- You cannot save the still image shot with a frame as the mirrored image.

#### <Flicker correction>

- If you set to "Auto", it may take a while to automatically adjust the flicker. In this case, switch to Mode 1 or Mode 2 according to the power frequency provided in the shooting location.

#### <Storage setting>

- See "Select storage" for how to set a storage location on the microSD card.
- If you change "File size setting" to "Long time", "Store in" is set to "microSD" and "Storage setting" cannot be operated.
- When "Auto save set" is set to "ON", the image is saved to the latest folder if "Select storage" is not set or the folder set as a destination folder is deleted.



## Information

### <High sensitiv.>

- When "ON" is set, you cannot set "Image size" to larger than "2M (1200 x 1600)".
- When you set "High sensitiv." to "ON" while "Image size" is set to larger than "2M (1200 x 1600)", "Image size" is changed to "1M (960 x 1280)". If you switch "High sensitiv." to "OFF" without changing "Image size" and without ending the camera, it returns to the image size before you set "High sensitiv." to "ON".

### <Continuous mode>

- You cannot set to "Auto bracket" for the inside camera. When you switch to the inside camera while "Auto bracket" is set, "Auto" is set.

### <Shot number>

- The number of shots that can be set differs depending on the image size. The number of shots that can be set is as follows:  
VGA (480 x 640): 4  
QVGA (240 x 320): 5 through 10  
QCIF (144 x 176): 5 through 20  
Sub-QCIF (96 x 128): 5 through 20

### <Display size>

- When "Image size" is set to a size larger than "HVGA Wide (640 x 352)", "Fit in display" always applies.
- When "Image size" is set to "QCIF (144 x 176)" or "Sub-QCIF (96 x 128)", the image is enlarged two times at both lengthwise and sidewise when it is displayed in "Actual size".
- The setting for the Finder display is reflected in the Post View display; however the setting for the Post View display is not reflected in the Finder display.

### <Common replay mode>

- You cannot operate when you set "File size setting" to "Long time".

## File Restriction

You can set the file restrictions for when you save the shot still image or movie. The operation of attaching to i-mode mail is disabled at the receiving end who has received the image as the first distribution.

**1** Finder display ▶  (  ) ▶ Storage setting  
▶ File restriction

OR

Post View display in Photo Mode, Movie Mode or  
Continuous Mode/Detailed display in Continuous Mode  
▶  (  ) ▶ File restriction

**2** File unrestricted or File restricted

- From the Post View display in Continuous Mode, you can change the file restriction settings for the image you put a check mark on.

## Information

- Even when you set "File restriction" to "File restricted", the still images or movies can be output from the destination mobile phone by transmitting the images using infrared communication or by copying them to the microSD card.
- After saving, you can use "File restriction" on page 346 to change the settings.
- When you set "File size setting" to "Long time" in Movie Mode, "File restriction" becomes "File unrestricted".


## Auto Timer




At Camera start-up OFF





### 1 Finder display (FUNC) Auto timer ON or OFF ▶ Enter a delay time (seconds).

- Enter from "01" through "15", in two digits.

### When Auto Timer is set to "ON"

" appears on the Finder display.

If you press  or , a confirmation tone sounds and " blinks. The photo light flickers every about 1 second until about 5 seconds before shooting. From about 5 seconds before shooting, the photo light flickers every about 0.5 second, and the confirmation tone sounds every about 1 second. Shooting takes place after the set delay time has elapsed.

• To cancel shooting, press  (Quit) or  while the photo light is flickering. When the FOMA terminal is closed, press  or  to cancel shooting. Even if you cancel shooting, "Auto timer" stays set to "ON".

• You can shoot immediately by pressing  (Record) or  before the delay time has elapsed.

• When you shoot, a confirmation tone sounds regardless of the settings such as Manner Mode. You cannot change the sound volume for the confirmation tone.

### Information

- You cannot use Auto Timer in "Manual" or Continuous Mode.
- Auto Timer is set to "OFF" when shooting ends.

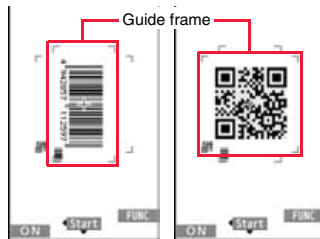
## <Bar Code Reader>

## Using Bar Code Reader

You can use the outside camera to scan JAN codes and QR codes and store them as data files. As to CODE 128, download a compatible i-coppli program and then scan the code to save the data. (See page 293)  
From the scanned data, you can make calls, compose i-mode mail messages, access Internet web pages, and so on.

### ■ When scanning with Bar Code Reader

- Take the code as large as possible within the guide frame.
- Autofocus works when you scan a code about 10 cm or more away from it. When you scan a code in the out-of-focus state, the recognition rate lowers.
- Scan so that the camera is in parallel with the code.



Scanning Code display

### ■ JAN Code

JAN Code is a bar code that denotes numerals with the vertical bars of a different width.

You can scan 8-digit (JAN8) and 13-digit (JAN13)

JAN codes.

- "4942857112597" is displayed when you scan this bar code with the FOMA terminal.



### ■ QR Code

QR Code is one of the 2-dimensional codes that denotes data in the vertical and horizontal directions.

Kanji, katakana, alphanumeric characters, and pictograms are displayed when you scan it. Some QR codes have image or melody information.

- "株式会社NTTドコモ (NTT DOCOMO, INC.)" is displayed when you scan this QR code with the FOMA terminal.



## ■CODE 128

CODE 128 is a bar code that denotes 128 characters of ASCII code (numerals, alphabets, symbols, etc.) with the vertical bars of different widths.



- Download the i-oppil program which supports CODE 128, and then scan the above code. "NTT DOCOMO" is displayed.

## Scan a Code

At Bar Code Reader start-up	Photo light: OFF Brightness: ±0 Zoom: Magnified view
-----------------------------	--

You can store up to 5 scanned codes.

You can scan up to 16 divided QR codes.

## 1 LifeKit ▶ Bar code reader ▶ Scan code





The Bar Code Reader menu is displayed.

- You can paste the Bar Code Reader menu to the desktop. (See page 31)

## 2 Fit a code to be scanned to the guide frame and press











When the focus is locked, a confirmation tone sounds and the cross mark becomes green.

- Press  to set the photo light to "ON" or "OFF".
- Press  and select "Brightness"; then you can adjust brightness to -3 (dark) through +3 (bright).
- Press  to show the reduced display, and press  to return to the former display.

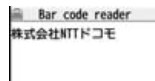
## 3 Press (Start).

The code is scanned. (The shutter tone does not sound.)

- To cancel scanning, press  or .
- When scanning is completed, the scanning completion tone sounds and the Call/Charging indicator lights. The sound level is fixed and cannot be changed. However, the tone does not sound in Manner Mode or while "Phone" of "Ring volume" is set to "Silent".
- "" is displayed for melody files and "" or "" is displayed for incompatible or damaged files.
- While you are entering (editing) characters, the Scanned Code Result display does not appear; the Text Data Confirmation display of the scanned code appears. To enter the scanned code, press . To discard it, press  (Cancel) or . The characters that cannot be displayed are replaced by half-pitch spaces. When the code containing no text data has been scanned, the code is not correctly displayed.
- If scanning is not completed in a certain period, the scanning is suspended and the Scanning Code display returns.
- When the scanned code is part of divided QR codes, select "OK" to repeat step 2 and step 3 for scanning the rest of codes.

## 4 (FUNC) ▶ Save result ▶ OK

The scanned data is stored.









Scanned Code Result display

## Information

- You cannot scan bar codes or 2-dimensional codes other than JAN codes, QR codes, or CODE 128.
- Scanning may take a long time. Hold the FOMA terminal securely with your hands during scanning.
- You may not be able to scan codes correctly depending on scratch, dirt, damage, the quality of printed material, light reflection, or QR code version.
- You cannot scan some codes depending on the type or size.

## Function Menu of the Scanned Code Result Display

<b>Save result</b>	See page 245.
<b>Display list</b>	You can show the Bar Code Reader list when one or more files are stored.
<b>Go to location</b>	You can connect to the highlighted URL via i-mode or Full Browser. ▶ <b>i-mode or Full Browser</b> ▶ <b>YES</b> ● You can connect to the URL also by highlighting the URL and pressing  ( <b>Select</b> ).
<b>Compose message</b>	You can compose an i-mode mail message to send to the highlighted mail address. Go to step 3 on page 142. ● You can compose it also by highlighting the mail address and pressing  ( <b>Select</b> ). ● When you select "Compose message" from the Scanned Code Result display, the data on the Scanned Code Result display is entered into the address, subject, and text field.
<b>Dialing</b>	You can make a voice call, videophone call, or PushTalk call to the highlighted phone number. ▶ <b>Select a dialing type.</b> ● When you select "Select image", select an image to send to the other party during the videophone call. ● When you select "Compose SMS", you can compose an SMS message to send to the phone number set as the destination address. Go to step 3 on page 186. ● You can make a call also by highlighting the phone number and pressing  ( <b>Select</b> ). ▶ <b>Dial</b> ● To make an international call, select "Int'l dial assist". (See page 59) ● To set Caller ID Notification, select "Notify caller ID". (See step 2 of "Set Caller ID Notification when Making a Call" on page 56)
<b>Add to phonebook</b>	See page 92.
<b>Add bookmark</b>	You can bookmark the site name and URL. ▶ <b>YES</b> ● Select "Page title" to edit the title. ▶ <b>OK</b> ▶ <b>Select a destination folder.</b>

<b>Save image</b>	You can save the scanned image data to set to the Stand-by display or other displays. ▶ <b>Select a destination folder.</b> Go to step 3 on page 199. ● See page 201 when images are stored to the maximum.
<b>Save melody</b>	You can save the scanned melody data to set it as a ring tone or other tones. ▶ <b>YES</b> ▶ <b>Select a destination folder.</b> Go to step 3 on page 201. ● Select "  " to play back the melody. ● See page 201 when melodies are stored to the maximum.
<b>Save ToruCa</b>	You can save the scanned ToruCa file. ▶ <b>Select a destination folder.</b> ● Select "  " to display the ToruCa file. ● See page 201 when ToruCa files are stored to the maximum.
<b>Start  appli</b>	You can start up i-appli from the scanned data. ▶ <b>YES</b>
<b>Copy</b>	▶ <b>Select a start point for copying</b> ▶ <b>Select an end point for copying.</b> ● You can copy codes of up to 5,000 full-pitch/10,000 half-pitch characters. ● See page 436 for pasting copied characters.

### Information

- <Go to location>
  - URL can be displayed in up to 512 half-pitch characters.
- <Compose message>
  - If the scanned data contains nonenterable characters, you cannot enter it as a mail address, and those characters may become spaces in the text field.
- <Dialing>
  - You cannot make emergency calls by scanning "110", "119" or "118".
- <Add bookmark>
  - You can display up to 512 half-pitch characters for a URL and can store up to 256 characters from the beginning.
- <Save image>
  - The file name and title for the saved image are "imageXXX" (XXX are numerals).

## Information

### <Save melody>

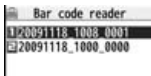
- The file name for the saved melody is "melodyXXX" (XXX are numerals).
- For the melody with no title, the file name is displayed as the title.
- When playing back the melody, it is played back at the sound volume set for "Phone" of "Ring volume".

## Display the Saved Data List

### 1 LifeKit ▶ Bar code reader ▶ Saved data

The titles for stored data are displayed from the latest one.

- Select a title to show the Scanned Code Result display.



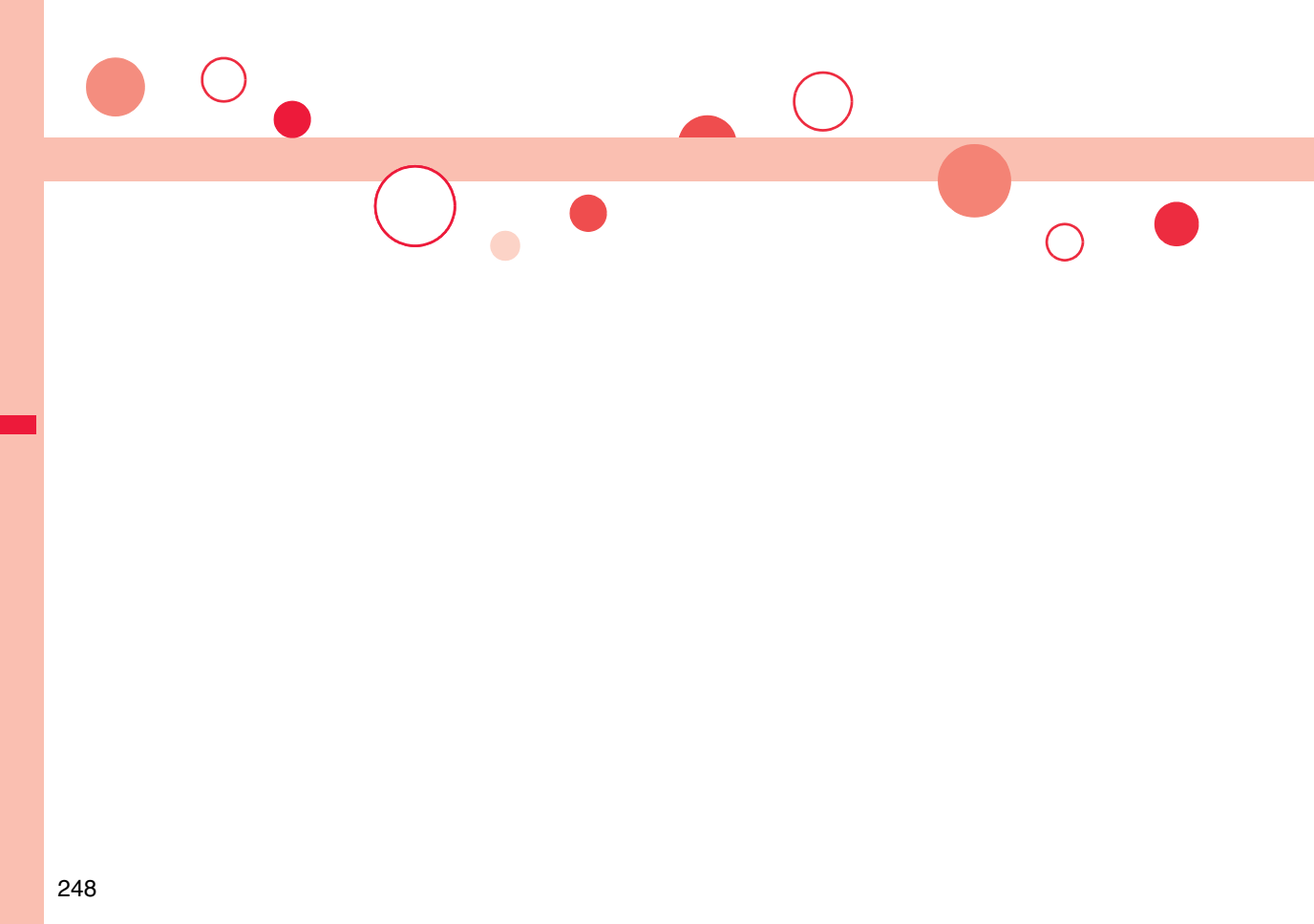
Bar Code Reader list

## Information

- The titles for the scanned data are as follows:  
(Example) When the scanned data is saved at 10:00 on November 18, 2009;  
Title name: 20091118\_1000\_0000  
· If you store multiple data items for the same date and time, the lower four-digit numbers increase up to "9999".

## Function Menu of the Bar Code Reader List

<b>Edit title</b>	▶ <b>Enter a title.</b> You can enter up to 9 full-pitch/18 half-pitch characters.
<b>Result</b>	You can show the Scanned Code Result display for stored data.
<b>Delete</b>	
<b>Delete this</b>	▶ <b>YES</b>
<b>Delete all</b>	▶ <b>Enter your Terminal Security Code</b> ▶ <b>YES</b>



# 1Seg

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## 1Seg

1Seg is the terrestrial digital TV broadcasting service for mobile objects, and it broadcasts data as well as video and audio. Further, by using i-mode, you can obtain the detailed information, can participate in quiz programs or can have fun with TV shopping. For details on the 1Seg service, browse to the web page as follows:

The Association for Promotion of Digital Broadcasting

From personal computers: <http://www.dpa.or.jp/english/>

From i-mode: <http://www.dpa.or.jp/1seg/k/> (In Japanese only)

### ■ Using 1Seg

- 1Seg is a service provided by television entrepreneurs (broadcasting stations). You are not charged a communication fee for receiving audio and video. For viewing fee of NHK, contact NHK.
- The information displayed in the data broadcasting area contains "Data broadcasting" and "Data broadcasting site".  
"Data broadcasting" is displayed on airwaves together with video and audio, and "Data broadcasting site" is displayed by connecting from the information of data broadcasting to the sites provided by television entrepreneurs (broadcasting stations). Also, it might be connected to "i-mode site", etc. When connecting to sites, you need to subscribe to i-mode separately.
- You are charged a packet communication fee for browsing "Data broadcasting site" and "i-mode site".  
You might be charged an information fee for using some sites (i-mode pay sites).
- The ToruCa files might be automatically saved while you are watching a 1Seg program. When you receive detailed information from the saved ToruCa files, you are charged a packet communication fee.

### ■ Radio waves

1Seg is one of the broadcasting services receiving radio waves (broadcasting waves) different from that used for the FOMA services. Accordingly, you cannot watch the broadcasting when you are out of reach of the broadcasting waves, or when the broadcasting is suspended regardless of whether you are in or out of the FOMA service area.

Even when you are in the terrestrial digital TV broadcasting service area, reception condition might be deteriorated or you might not be able to receive programs in the following places:


- Where the radio tower that transmits broadcasting waves is far away
- Where the radio waves are blocked by geographical features such as mountains or valleys of high-rise buildings
- Where the radio waves are weak or do not reach, such as in tunnels, underground, or recesses of buildings

To improve reception conditions, fully extend the 1Seg antenna. Also the reception conditions might be improved by changing the direction of the antenna, by moving your FOMA terminal away from or close to you, or by moving yourself to another place.

### ■ Messages on the display when you use 1Seg for the first time

When you use 1Seg for the first time after purchase, the Exemption Clause Confirmation display appears.

If you select "NO" from the confirmation display which appears after pressing

, the same confirmation display does not appear afterward.

- The Exemption Clause Confirmation display also appears when you replace the UIM with another one or remove the UIM.

### ■ What is broadcasting storage area?

The broadcasting storage area is a storage area inside the terminal that is exclusive for 1Seg. The information you input according to the instruction on the data broadcasting program is saved to that broadcasting storage area following the settings of television entrepreneurs (broadcasting stations). The information to be saved might contain answers for quiz, and personal information such as membership number, gender, age, or occupation.

The saved information might be displayed, or be sent to television entrepreneurs (broadcasting stations) without your re-input when you browse to the data broadcasting site.

- See page 267 to erase information in the broadcasting storage area.

When you replace the UIM with another one or remove the UIM, the confirmation display appears asking whether to reset the broadcasting storage area. Select "YES", and reset it. If you select "NO", the services using the broadcasting storage area are not available.

### ■ Messages on the display when the information in the broadcasting storage area is read out

When the information in the broadcasting storage area is used while you are watching a program, the message "Use saved information? It may include information used by the same broadcasting group" is displayed.

If you select "YES", the confirmation display asking whether to read out the stored information while watching the same program does not appear after that. Further if you select "YES (default)", the same confirmation display does not appear afterward.



## Before Using 1Seg

### How to Watch a 1Seg Program

<Example> When you watch a 1Seg program for the first time

#### STEP

#### 1 Channel Setting

Store the channel list for the area you use. (See page 252)

#### STEP

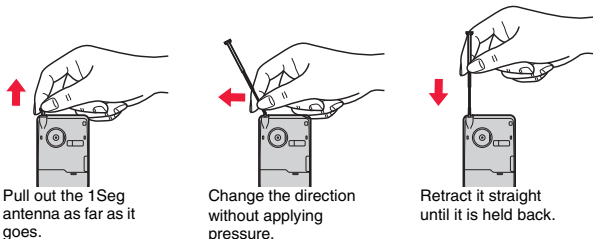
#### 2 Activating 1Seg

Extend the 1Seg antenna, and activate 1Seg. (See page 253)

##### ■ 1Seg antenna

When you watch a 1Seg program, fully extend the 1Seg antenna.

- When you change the direction of the 1Seg antenna, do not force it.



Pull out the 1Seg antenna as far as it goes.

Change the direction without applying pressure.

Retract it straight until it is held back.

##### ■ Battery level

If you try to start 1Seg or 1Seg starts automatically by TV Timer when the battery is low, the battery alert tone sounds, and the confirmation display appears asking whether to start it. Also, when the battery becomes low while you are watching or recording a 1Seg program, the battery alert tone sounds, and the confirmation display appears asking whether to end 1Seg. The battery alert tone sounds regardless of the setting of "Keypad sound".

- When you do nothing from the confirmation display for about one minute, 1Seg automatically terminates.
- While "Rec. when low battery" is set to "ON", the confirmation display does not appear during recording. (See page 267)
- If the battery level becomes low during recording and recording ends, the video recorded up to that point is automatically saved.
- During Multitask, the battery alert tone sounds but the confirmation display does not appear. Switch to the viewer display and then operate.

##### ■ When a call etc. comes in while you are watching or recording a 1Seg program

When an event shown below occurs while watching or recording a 1Seg program, the video and audio are suspended, and each function works. Recording is not suspended. After you finish each function, you can resume watching a 1Seg program. See page 257 for receiving i-mode mail messages, SMS messages or Messages R/F.

- Incoming voice call, videophone call, PushTalk call  
(To start recording when a call is received, refer to "Rec. program when call".)
- Notification of Alarm, Schedule, ToDo, or TV Timer  
(when "Alarm setting" is set to "Alarm preferred")
- Notification of Timer Recording  
(When the start date/time comes, the FOMA terminal works according to the setting of "Priority".)

##### Information

- 1Seg is not available while "USB mode setting" is set to "microSD mode" or "MTP mode" and the FOMA terminal is connected to a personal computer.
- 1Seg might automatically start when you end a call by closing the FOMA terminal during a call. In such a case, be careful not to use the FOMA terminal close to your ear because audio is output at the sound volume for 1Seg.
- The life of battery pack may shorten if you watch 1Seg programs for a long time during charging.
- 1Seg is not available overseas.

### ■ Important

Note that we cannot be held responsible for loss or changes of the saved contents due to a malfunction, repair, or other mishandling of the FOMA terminal. Furthermore, we cannot move the saved information (such as still images, TV links, or information saved to the broadcasting storage area) when you change your FOMA terminal or have it repaired.

<Channel Setting>

## Setting Channels

To watch 1Seg programs, you need to execute Channel Setting and to select a channel list in advance. You can store up to 10 channel lists.

- The broadcasting stations you can receive differ depending on the local area. If you store a channel list of the area for traveling or business trip, you can watch programs in the area just by selecting the channel list.
- The remote-control numbers you use with channel selections are previously set for respective broadcasting stations.
- You cannot execute Channel Setting during recording of a 1Seg program.

### Auto Channel Setting

The broadcasting stations you can currently watch are automatically searched and stored in a channel list.







- You need to set this function with the 1Seg antenna extended in the terrestrial digital TV broadcasting service area.

### 1 1Seg ▶ Channel setting ▶ Auto channel setting ▶ YES

Searching takes place.

- From the Channel list display, press  (  ), select "Channel setting" → "Auto channel set."  
From the viewer display, press  (  ), select "Disp.Ch. /operation" → "Channel setting" → "Auto channel set."

## 2 YES ▶ Enter a title.

- You can enter up to 11 full-pitch/22 half-pitch characters.
- When you press  (  ) without entering a title, the title name takes the name of "YYYY/MM/DD hh:mm". (Y: year, M: month, D: date, h: hour, m: minute)
- To cancel searching midway, press  (  ) or  (  ); then select "YES". You can store the searched broadcasting stations in a channel list.

### Information

- When the multiple broadcasting stations which have the same remote-control number are retrieved, the message to the effect that the remote-control number is doubled appears. Select "OK" and select your area from the Local Area Selection display. The channels in the area you select are preferentially assigned to remote-control numbers 1 to 12, and channels in the area you do not select are assigned to remote-control numbers 13 onward.
- The time to search channels requires for about 30 to 50 seconds. However, it differs depending on the number of broadcasting stations or airwave conditions, and might exceed 100 seconds.

### Select Area

You can store the broadcasting stations set by prefecture to a channel list.

### 1 1Seg ▶ Channel setting ▶ Select area ▶ Select an area ▶ Select a prefecture ▶ YES

- From the Channel list display, press  (  ), select "Channel setting" → "Select area".  
From the viewer display, press  (  ), select "Disp.Ch. /operation" → "Channel setting" → "Select area".

### Information

- Depending on the area, you may not be able to correctly store the broadcasting stations by "Select area". In that case, search for the broadcasting stations by "Auto channel setting".

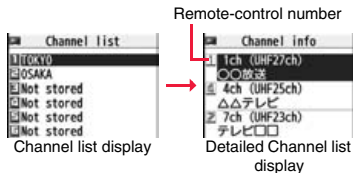
## Select Channel List

You can select a channel list to set the broadcasting stations you receive. Also, you can edit the channel list already stored.

### 1 [MENU] ▶ 1Seg ▶ Channel list ▶ Select a channel list.

The channel list you receive is set, and the detailed display appears.

- Select a broadcasting station to watch a 1Seg program.
- When you select "Disp.Ch. /operation" from the Function menu of the viewer display and select "Channel list", the viewer display returns after you select a channel list.
- You can watch a 1Seg program also by pressing [Detail] from the Channel list display and selecting a broadcasting station.



## Function Menu of the Channel List Display

Channel setting	See page 252.
Edit title	▶ Enter a title. <ul style="list-style-type: none"><li>• You can enter up to 11 full-pitch/22 half-pitch characters.</li></ul>
Delete	▶ YES <ul style="list-style-type: none"><li>• You cannot delete the channel list currently set.</li></ul>

## Function Menu of the Detailed Channel List Display

Remote control No.	You can change the broadcasting station set for the remote-control number. <ul style="list-style-type: none"><li>▶ Select a broadcasting station you want to change</li><li>▶ Select the remote-control number to be set.</li><li>• If any broadcasting station has already been set for the specified remote-control number, the broadcasting stations switch positions. Repeat the operation to set a broadcasting station for a remote-control number.</li><li>▶ [Finish] ▶ YES</li></ul>
--------------------	--

Delete ▶ YES

- When you delete all the broadcasting stations in the channel list, the channel list itself is deleted.
- You cannot delete the broadcasting station in the channel list currently set.

## <Activate 1Seg>

### Watching 1Seg

- When you use 1Seg for the first time, the Exemption Clause Confirmation display appears. (See page 250)
- You can start 1Seg also by using the channel information (links) displayed in the i-oppli Program Guide, sites, or mail. (See page 203)
- By connecting to a stereo earphone (option), you can play back the audio from 1Seg programs in stereo sound. Also, you can play back the audio wirelessly by using a commercial Bluetooth device. (See page 426)

### 1 Press and hold [Camera] for at least one second.

1Seg starts from the channel you watched last time.

"[Camera]" is displayed while watching a 1Seg program.

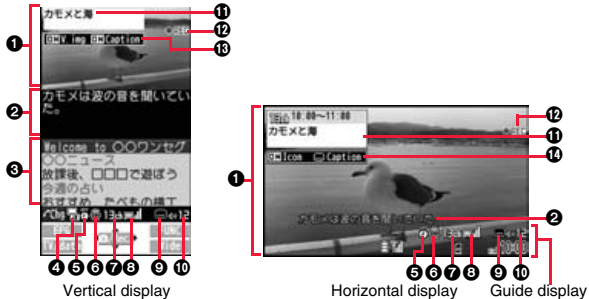
- When you have not stored any channel list, the confirmation display appears. Select "OK" and execute Channel Setting. (See page 252)
- To end watching, press [Back] and select "End 1Seg". You can switch to play background by selecting "Change to BGM".




Viewer display

## ■ About Viewer display

(When "Switch display" is "V. img+Caption+DBC".)



### 1 Video


"" appears on the upper right of the display when the data broadcasting linked with a 1Seg program is found while you are watching on the horizontal display or in the multiwindow.


### 2 Caption

You can set display position of the caption on the horizontal display by "Caption posit. in w-scr".

### 3 Data Broadcasting

### 4 Operation Mode


 Video Mode: Operates the video or audio. (See page 253)

 Data Broadcasting Mode: Operates the data broadcasting. (See page 258)

### 5 Off Timer

"" appears while Off Timer is set.


### 6 ECO Mode

"" appears during ECO Mode.


### 7 Channel (Remote-control number)

### 8 Airwave Reception Level (estimate)



"" appears out of the broadcasting area.

### 9 Reception of Caption



"" is displayed while caption information is being received.

### 10 Sound Volume

### 11 Program Information (outline)

The program name is displayed on the vertical display. The channel, start/end time, and program name are displayed on the horizontal display.

### 12 Record Video

" REC" appears during video recording, and " REC" appears during video recording by Timer Recording.



### 13 Switch Display/Caption

Status of Video Image: ON/OFF/enlarged

Caption: ON/OFF

### 14 Icon/Caption

Icon: "ON/OFF" of "Icon"









Caption: Position (: Lower, : Upper) and OFF

• After you select a channel using Channel Search, the channel (Remote-control number) might not be displayed.

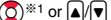


• **11**, **13**, and **14** are displayed when you operate keys.

• While "Icon" is set to "OFF", the guide display appears on the horizontal display when you operate keys.

## ■ Channel switching operation (in Video Mode only)

Operation	Key operation
<b>Direct channel selection</b>	Remote control No.1-9 . . . . . 
	Remote control No.10 . . . . . 
	Remote control No.11 . . . . . 
	Remote control No.12 . . . . . 
<b>Channel selection</b>	
<b>Channel search</b>	 (for at least one second)
	<ul style="list-style-type: none"> <li>• Each time of pressing switches channels by searching receivable broadcasting stations in order of frequency.</li> <li>•  (Cancel) or  to suspend</li> </ul>

## ■ Operations while watching a 1Seg program

Operation	Key operation
<b>Sound volume adjustment</b>	 *1 or 
<b>Mute/Release mute</b>	 *1

Operation	Key operation
Start 1-oppli program guide	(EPG)※2
Program info	(for at least one second)
Program info (outline)	
Switch display	while displaying program information (outline) <ul style="list-style-type: none"> <li>Each time of pressing from the horizontal display switches the setting of "Icon" and "Caption posit. in w-scr".</li> </ul>
Switch display directions/ Full display	 <ul style="list-style-type: none"> <li>In Video Mode, each time of pressing switches the display directions.</li> <li>In Data Broadcasting Mode, each time of pressing switches between the normal display and the full display.</li> </ul>
Record video	(Rec) (for at least one second)※1 or  (for at least one second) <ul style="list-style-type: none"> <li> (Stop)※1 or  to end</li> </ul>
Record still image	(Rec)※1 or
Switch TV/data BC	(TV/data)※3 <ul style="list-style-type: none"> <li>Each time of pressing switches between Video Mode and Data Broadcasting Mode.</li> </ul>

※1 You cannot operate in Data Broadcasting Mode.

※2 You cannot operate from the horizontal display.

※3 This operation shows the program information (outline) when the horizontal display is shown.

### Information

- Even when you switch displays by using Multitask while you are watching a 1Seg program, the audio from the 1Seg program is output. (Play Background) The audio might not be output, however, depending on the function or program. (See page 504)
- The following might occur depending on the airwave conditions:
  - The audio is interrupted.
  - The data broadcasting is not operable.
  - Block-shaped noise appears on the display or playing stops.
  - The video or the data broadcasting is not displayed. (A dark screen appears.)
- The caption might not be displayed depending on the program.
- The data broadcasting cannot be displayed on the horizontal display.

### Information

- If you move, the receivable airwaves or broadcasting stations might change being affected by mountains or buildings. If reception on 1Seg goes bad after moving, perform "Auto channel setting"; then reception might be improved via different airwaves or you might be able to watch programs of other broadcasting stations.
- If you use Channel Search to select channels after you move, etc., you might find the channels you could not store by "Auto channel setting". Execute "Add to ch. list" to store the channels you found, and then you can watch the channel from the next time.
- When starting 1Seg or switching channels, it takes a while before you can watch a 1Seg program.

### Function Menu of Viewer Display

Program info	You can display information of the program you are watching.
Program guide	See page 258.
Disp.Ch. /operation	
Channel info	You can display the detailed display of the selected channel list. Select a broadcasting station to switch to it.
Channel list	Go to step 1 of "Select Channel List" on page 253.
Channel setting	See page 252.
Add to ch. list	You can add the broadcasting station you are currently watching to the channel list. <b>▶ YES</b> <ul style="list-style-type: none"> <li>The broadcasting station is stored in the lowest number of an unoccupied remote-control number from 13 onward.</li> </ul>
Tune service	You can select a program to watch when the same broadcasting station is broadcasting multiple services (programs). <b>▶ Select a channel.</b>
Data broadcasting	
Back to data BC	You can stop browsing the data broadcasting site and return to the data broadcasting.

<b>Reload contents</b>	You can reload the data broadcasting site being displayed. <ul style="list-style-type: none"> <li>● The confirmation display appears asking whether to re-send the data you entered, depending on the site.</li> </ul>
<b>Certificate</b>	See page 193.
<b>Set image display</b>	See page 204.
<b>Sound effect</b>	See page 267.
<b>ToruCa from dataBC</b>	See page 323.
<b>Reset settings</b>	See page 267.
<b>TVlink list</b>	You can display the TVlink list. (See page 259)
<b>Compose message</b>	See page 257.

## Settings

### Display/operation

#### Switch display

##### At 1Seg start-up

When "Caption" is set to "ON":  
V. img+Caption+DBC

When "Caption" is set to "OFF":  
Visual image+DBC

You can switch the contents of the viewer display.

##### ▶ Select an item.

- If you set to "Enlarged V. img+DBC", the video on the vertical display is enlarged. However, the sides of the video might be cut depending on the program.
- Even if you set to "Data broadcasting", the audio from 1Seg programs is output.
- The operation mode automatically switches to Data Broadcasting Mode when you display data broadcasting in full display. When you release full display of data broadcasting, the operation mode returns to the former mode.

#### Switch TV/data BC

##### At 1Seg start-up

Video Mode

You can switch between Video Mode and Data Broadcasting Mode while watching a 1Seg program on the vertical display.

#### Icon

See page 266.

#### AV output

See page 397.

### Video

#### Brightness

You can set the brightness of the display light to Level 1 (dark) through 5 (bright).

##### ▶ Select a brightness level.

- If you set to "Auto setting", it is adjusted automatically in accordance with the ambient brightness sensed by the light sensor.
- The setting here is valid until you finish watching the 1Seg program. The setting at 1Seg start-up follows the setting of "Brightness" of "Backlight" on page 113.

#### Mobile W-Speed

See page 266.

#### Image quality

See page 266.

#### LCD AI

See page 114.

## Sound

### Sound effect

#### Auto volume

See page 266.

#### Remaster

See page 266.

#### Listening

See page 267.

#### Equalizer

See page 267.

### Main/sub sound

▶ **Main sound, Sub sound, or Main+sub sound**

#### At 1Seg start-up

Main sound

### Switch audio data

▶ **Sound 1 or Sound 2**

- You can switch only when audio that can be switched is found.

### ECO mode

See page 267.

### Off timer

When the specified time elapses, the confirmation display appears asking whether to end watching or recording a program (except for Timer Recording).

#### At 1Seg start-up

OFF

▶ **Select a time.**

### Key guide

You can display the guide of key operation during watching a 1Seg program.

## Information

### <Off timer>

- In the following cases, the Off Timer confirmation display appears after each operation finishes:
  - In standby state for Timer Recording
  - While being recorded by Timer Recording
  - While a still image is being saved
  - When an unsaved image is left
  - During channel search by Auto Channel Setting

## Send i-mode Mail while Watching

You can compose and send i-mode mail messages while watching a 1Seg program. (Multiwindow)

When you send an i-mode mail message to the FOMA terminal supporting the "Media To" function by "Recom. channel mail", the receiving end can start 1Seg by using the "Media To" function.

- You cannot operate 1Seg while the Message Composition display is shown. You cannot show the caption and data broadcasting, either.
- You can compose SMS messages as well while watching a 1Seg program.

### 1 Viewer display (FUNC) Compose message ▶ Compose message or Recom. channel mail

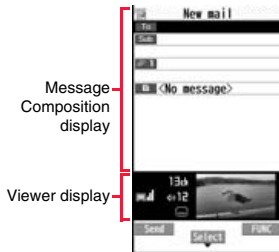
#### Compose message

... You can compose a new i-mode mail message.  
Go to step 2 on page 142.

#### Recom. channel mail

... You can compose an i-mode mail message whose text contains the information of the channel you are watching.  
Go to step 2 on page 142.



- When the Message Composition display is shown, you can switch between the Message Composition display and the viewer display (horizontal display) each time you press and hold  for at least one second.



## Information

- Even when you show the Message Composition display/detailed Sent Mail display by Multitask while you are watching a 1Seg program, the display appears in the multiwindow.

## Information


- Only the audio is output from a 1Seg program without showing the viewer display if you select "Mail history" from the Function menu of the Inbox/Outbox/Draft list or a detailed mail display by Multitask while watching a 1Seg program and show the detailed Sent Mail display of a mail message sent to a person whose mail address is not stored in the Phonebook.
- When "" appears, press and hold  for at least one second to switch to the viewer display and then operate.
- In B Mode of 2in1, you cannot compose/send i-mode mail message.

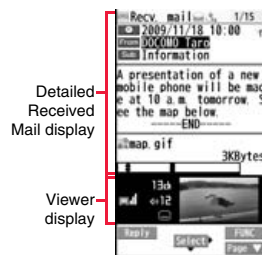
## Receive i-mode Mail while Watching

The ticker on the viewer display notifies you of the receiving of an i-mode mail message, SMS message, and Message R/F. You can show the detailed Received Mail display while you are watching a 1Seg program. (Multiwindow)

- You cannot show tickers when "Mail ticker display" is set to "OFF" or during Public Mode (Drive Mode).
- Only the audio is output from a 1Seg program without showing the viewer display when you show a mail message from the party whose mail address is not stored in the Phonebook.
- You cannot operate 1Seg while the detailed Received Mail display is shown. You cannot show the caption and data broadcasting, either.
- You can show an SMS messages as well while watching a 1Seg program.

### 1 Receive i-mode mail while viewer display is shown ▶ Press () while the ticker is displayed.

- When the detailed Received Mail display is shown, you can switch between the detailed Mail display and the viewer display (horizontal display) each time you press and hold  for at least one second.



## Information

- Even if "Mail ticker display" is set to "Sender+subject", the titles are not displayed for Messages R/F, i-mode mail messages, and SMS messages received from the parties not stored in the Phonebook.
- Even when you show the detailed Received Mail display by Multitask while you are watching a 1Seg program, the display appears in the multiwindow.
- When "Mail ticker display" is set to "OFF" and "Receiving display" is set to "Alarm preferred" and you receive a mail message while watching a 1Seg program, the Reception Result display appears. The mail message is shown in the multiwindow even when you show it from the Reception Result display. However, the viewer display does not appear and the audio from a 1Seg program is not output when you show a mail message from the party whose mail address is not stored in the Phonebook.
- When " " appears, press and hold ( ) for at least one second to switch to the viewer display and then operate.

## <i-appli Program Guide>

# Using i-appli Program Guide

By using the i-appli Program Guide, you can select a program from the program guide to start 1Seg or set TV Timer/Timer Recording. (See page 297)

## 1 MENU ▶ 1Seg ▶ Program guide

- Press (MENU) (TV/1seg) from the display of "Gガイド番組表リモコン (G Guide Program List Remote Control)" to watch the program currently broadcast on the selected channel.
- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".



## Information

- You can set the i-appli Program Guide by "Program guide key" of "Software setting".
- When you use "Gガイド番組表リモコン (G Guide Program List Remote Control)" for the first time, you need to do initial settings.

## Information

- This program guide is not available when the mode of 2in1 is set to B Mode.

## <Data Broadcasting>

# Using Data Broadcasting

1Seg enables you to use the data broadcasting in addition to the video and audio. Various information including still images/movies is available from the site linked with TV programs.

## 1 Viewer display (Video Mode)



Video Mode switches to Data Broadcasting Mode and "TV/data" appears.

- Audio from a 1Seg program is output even during Data Broadcasting Mode.

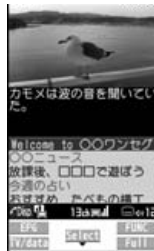
- You can display only data broadcasting when you press



(Full) in Data Broadcasting Mode. Press



(Half) to return to the former display.



## 2 Select an item (link).

- The confirmation display appears asking whether to connect to i-mode depending on the data broadcasting and data broadcasting site.
- See page 191 for the operation while a site is displayed.

## Information

- Each time you press (MENU) (TV/data), Video Mode and Data Broadcasting Mode are switched.
- You cannot display the data broadcasting on the horizontal display.
- You cannot enter pictograms when you enter characters on data broadcasting or data broadcasting site.
- Depending on the program, the audio might be output while the i-mode site is displayed. However, the 1Seg video is not displayed.
- Depending on the program, a tone might be output when you display the data broadcasting or data broadcasting site. In that case, the output of the 1Seg audio temporarily stops, and the tone of the data broadcasting is preferentially output.



### Information

- While the data broadcasting or data broadcasting site is displayed, the confirmation display might appear asking whether to send the contents you entered on the site or whether to permit obtaining mobile phone information.
- When you select "YES (default)" from the confirmation display for data broadcasting, the information on data broadcasting might be automatically updated, and you might be charged a packet communication fee while watching a 1Seg program or playing back a video. (See page 267)
- If you move in a place where the airwave is unstable while watching a 1Seg program, the video, data broadcasting, and data broadcasting site may be automatically updated. In that case, the top page of the data broadcasting appears, and the information you have entered into the connected data broadcasting or data broadcasting site is cleared. Ensure that you watch the data broadcasting and data broadcasting site in a place where the airwave is stable.

### Use Highlighted Information for Various Operations

You can use the highlighted information on the data broadcasting site to easily use the functions such as making calls, or sending mail.

Select an item (link) and use the Phone To/AV Phone To or Mail To function. (See page 202)

### Information

- Depending on the data broadcasting or data broadcasting site, the function of composing i-mode mail or storing the Phonebook entries might be automatically used. The confirmation display asking whether to use each function appears.

## <TVlink>

### Using TV Link

Some data broadcasting programs might contain TV links which lead to the details of the programs or related information site.

From the TV links, you can store the site address information in the TVlink list and can easily call them up for browsing later.

### Store in TV Link

When you select the item (link) that can be stored in the TVlink list, the confirmation display appears asking whether to store it in the TVlink list. You can store up to 50 TV links.

**1** In Data Broadcasting Mode, select an item (link) that can be stored in the TVlink list ► YES

- When you try to store the same URL or memo information, the confirmation display appears asking whether to overwrite it.
- When the maximum number of TV links has already been stored in the TVlink list, the confirmation display appears asking whether to store after deleting.

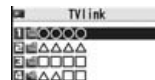
### Information

- Validity period is set for some links.
- When a URL for a link contains more than 60 half-pitch characters, you cannot store the link.

### Call Up a Stored TV Link





**1**  ► 1Seg ► TVlink  
► Select a TV link to be displayed.

- When the confirmation display appears asking whether to connect to i-mode, select "YES".
- For a link whose validity period is expired, the confirmation display appears asking whether to delete it.




TVlink list

## Icons in the TVlink list

Icon	Format	Description
	Memo information	Displays memo information.
	Link communication contents	Connects to the data broadcasting site. (Video and caption are not displayed.)
	i-mode contents	Connects to the i-mode site.
	Full Browser contents	Connects via Full Browser.

## Function Menu of the TVlink List

<b>Display detail</b>	Displays the title, URL, outline, content type, and validity period of the TV link.
<b>No. of TVlink</b>	Displays the number of the registered TV links.
<b>Delete</b>	
<b>Delete this</b>	▶ YES
<b>Delete selected</b>	▶ Put a check mark for TV links to be deleted ▶  (Finish) ▶ YES
<b>Delete all</b>	▶ Enter your Terminal Security Code ▶ YES

## Recording a 1Seg Program while Watching

You can save the program you are watching as video or still images.

- The copy control signals such as "Copy never", "Copy once (copy for only one time)", and "Copy free" are incorporated in 1Seg. The copy control signals are determined by each broadcasting station.
- You cannot record the programs of "Copy never". Further, when the copy control signal is changed to "Copy never" during recording, the recording session is closed, and the video recorded up to that point is saved.

## Record Video




The recorded video is saved to the microSD card ("Data box" → "1Seg" → "Video").

- See page 358 for playing back the recorded video.

- You cannot save the recorded video to the FOMA terminal.


### 1 Viewer display (for at least one second)

The confirmation tone sounds, "● REC" appears, and recording starts.

- You can start recording also by pressing and holding  for at least one second in Video Mode.
- When the airwave reception level indicates , you cannot record video. Even if  is indicated, you might not be able to record it depending on the airwave conditions.
- You cannot change the channel during recording.

### 2 Press .

The confirmation tone sounds and video is saved.

- You can save the video also by pressing  (Stop) in Video Mode.
- When the file size is larger than 2 Gbytes, or the storage location becomes full, the recording automatically ends, and then the video recorded up to that point is saved.

### Estimate of the recordable time and the number of saved files

Capacity of the card	The maximum recordable time (total)	The maximum savable number
2 Gbytes	Approx. 640 minutes	99
4 Gbytes	Approx. 1,280 minutes	
8 Gbytes	Approx. 2,560 minutes	
16 Gbytes	Approx. 5,120 minutes	

- The maximum recordable time is estimation for 224 kbps of video, 48 kbps of audio, and 52 kbps of data (including captions). The recordable time varies depending on the broadcasting station or program.
- The maximum file size for continuous recording is up to 2 Gbytes under SD-VIDEO specifications.
- The savable number of video files decreases depending on the data volume.

### Information

- The playing time of the saved data might become shorter than the recording time depending on the airwave conditions.
- The recording is not suspended even when you switch displays by Multitask or when a call comes in during recording.

## Information

- When the airwave conditions are changed to indicate “”, during recording, recording shifts to pause state, then “” and “**PAUSE**” are displayed. Video and audio during that period are not saved.
- If you remove the battery pack or pull out the microSD card during recording, the recorded data is saved to the microSD card as the file that cannot be played back.
- Depending on the broadcasting station or program, video and audio might be saved a few seconds after your recording operation.
- You cannot record when the video storage area is full. Also, you might not be able to record when the unused space in the storage area is not enough. Delete unnecessary video files and try again.
- Some programs cannot use the storage area fully.
- The file name and title name of the saved video are as follows:  
File name: “PRGXXX”  
Title name: “YYYY/MM/DD hh:mm”  
(X: numerals, Y: year, M: month, D: date, h: hour, m: minute)
- You cannot set the recorded video for the Stand-by display, ring tone or Call Receiving display.
- You cannot record video during AV output.

## Record Still Images

The recorded still images are saved to your FOMA terminal (“Data box”→“1Seg”→“Image” folder). You can save up to 3,500 files in total sharing the memory space with other data files, however, the number of files you can save decreases depending on the data volume. (See page 535)

- See page 344 for displaying the recorded still image files.
- You cannot save still images to the microSD card.

## 1 Viewer display

The confirmation tone sounds, and the still image is saved.

- You can record still images also by pressing ( / ) in Video Mode.
- When the airwave reception level indicates “”, you cannot record still images.

## Information

- The file name and title name of the saved still image are as follows:  
File name: “YYYYMMDDhhmmXXX”  
Title name: “YYYY/MM/DD hh:mm”  
(Y: year, M: month, D: date, h: hour, m: minute, X: numeral)
- You cannot set the recorded still image for the Stand-by display or the Call Receiving display.

## Information

- See page 201 when images are stored to the maximum.
- Data broadcasting and caption cannot be saved as still images.
- You cannot record still images during AV output.

## <TV Timer> <Timer Recording>

# Setting Timer for Watching or Recording 1Seg Programs

You can set TV Timer/Timer Recording of 1Seg programs. At the specified date/time, an alarm sounds to notify you of the start of the program.

- You can set TV Timer/Timer Recording also by using the channel information (links) displayed in the i-appli Program Guide, sites, or mail. (See page 203)









## TV Timer List





You can set TV Timer by setting the date/time, channel, and program name. You can use “Act. TV w/ alarm” to automatically start 1Seg at the set time. You can set TV Timer for up to 100 programs.

1 1Seg > TV Timer list ( )  
▶ Do the following operations.

- Select a program you set TV Timer for to check the contents. You can edit them by pressing ( ) .

Channel	▶ Select a channel.
Edit title	▶ Enter a program name. • You can enter up to 48 full-pitch/96 half-pitch characters.
Start date setting	Enter a date/time for starting watching. ▶ Select an item. Enter date . . . . . Enter a date/time directly. Choose date . . . . . Select a date from the Calendar and enter a time.



 <b>Repeat</b>	<p>▶ <b>Select a type of repeat.</b></p> <ul style="list-style-type: none"> <li>• If you select "Select day", put a check mark for days of the week to be set and press  (Finish).</li> <li>• The item set with repetition is counted as one item.</li> </ul>
 <b>Alarm</b>	<p>▶ <b>Select an alarm method.</b></p> <p><b>ON</b> . . . . . Alerts you at the time set for the start date/time comes. The setting for alarm notification is completed.</p> <p><b>ON/Set time</b> . . . . . Alerts you at the time set as the prenotification.</p> <p><b>OFF</b> . . . . . Does not alert. The setting for alarm notification is completed. (You cannot watch the 1Seg program.)</p> <p>▶ <b>Select how many seconds (minutes) before the specified time to be alerted.</b></p> <ul style="list-style-type: none"> <li>• When you set "Auto power ON" to "ON", you cannot set "15 seconds before", "30 seconds before", and "45 seconds before" as the prenotification time.</li> </ul>
 <b>Alarm tone</b>	<p>▶ <b>Select a type of alarm tone</b> ▶ <b>Select a folder</b></p> <p>▶ <b>Select an alarm tone.</b></p>
 <b>Volume</b>	<p>▶ <b>Use  to adjust the volume.</b></p> <ul style="list-style-type: none"> <li>• If you set to "Step", the alarm tone is silent for about three seconds, and then the volume steps up every about three seconds, from Level 1 through Level 6.</li> </ul>
 <b>Act. TV w/ alarm</b>	<p>▶ <b>Select an item.</b></p> <p><b>Auto ON</b> . . . . . After the Timer Alarm Notification display appears, 1Seg automatically starts.</p> <p><b>Manual ON</b> . . . . . You can manually activate 1Seg from the Timer Alarm Notification display.</p> <p><b>OFF</b> . . . . . The timer alarm sounds only. You cannot activate 1Seg from the Timer Alarm Notification display.</p>
 <b>Auto power ON</b>	<p>You can set whether to turn on the power automatically to sound the timer alarm when the alarm time comes during power off.</p> <p>▶ <b>ON or OFF</b></p>

 <b>1Seg volume</b>	<p>You can set the sound volume of a 1Seg program when it is activated by "Act. TV w/ alarm".</p> <p>▶ <b>Use  to adjust the volume.</b></p>
 <b>Off timer</b>	<p>You can set to end watching a 1Seg program for when the specified time elapses after the 1Seg program automatically starts by "Act. TV w/ alarm".</p> <p>▶ <b>Select a time.</b></p>
 <b>Prefer manner mode</b>	<p>You can set the sound volume of timer alarm for during Manner Mode.</p> <p>▶ <b>ON or OFF</b></p> <p><b>ON</b> . . . . . Sounds at the same volume as set for "TV timer alarm" on page 109.</p> <p><b>OFF</b> . . . . . Sounds at the volume set for this function.</p>



**2** Press  (Finish).





## Timer Recording List








You can set timer recordings by setting the date/time, channel, and program name. You can set up to 100 timer recordings.

**1**  ▶ **1Seg** ▶ **Timer recording list** ▶  (New)

▶ **Do the following operations.**

- Select a set timer recording to check the contents, and you can edit it by pressing  (Edit).
- You can display the used memory space (estimate) by pressing  (Memory).

 <b>Channel</b>	▶ <b>Select a channel.</b>
 <b>Edit title</b>	<p>▶ <b>Enter a program name.</b></p> <ul style="list-style-type: none"> <li>• You can enter up to 48 full-pitch/96 half-pitch characters.</li> </ul>
 <b>Start date setting</b>	<p>Enter a date/time for starting or ending recording. The timer alarm sounds about one minute before the starting time.</p> <p>▶ <b>Select an item.</b></p> <p><b>Enter date</b> . . . . . Enter a date/time directly.</p> <p><b>Choose date</b> . . . . . Select a date from the Calendar and enter a time.</p>
 <b>End date setting</b>	

 <b>Repeat</b>	<p>▶ <b>Select a type of repeat.</b></p> <ul style="list-style-type: none"> <li>• If you select "Select day", put a check mark for days of the week to be set and press  (Finish).</li> <li>• The item set with repetition is counted as one item.</li> </ul>
 <b>Alarm</b>	<p>You can set whether to sound alarm at the specified time of timer alarm.</p> <p>▶ <b>ON or OFF</b></p>
 <b>Volume</b>	<p>▶ <b>Use  to adjust the volume.</b></p> <ul style="list-style-type: none"> <li>• You cannot set the volume to "Step".</li> </ul>
 <b>Priority</b>	<p>You can set a recording operation for when the start date/time arrives while operating a function which cannot be started up simultaneously.</p> <p>▶ <b>Recording or Operation</b></p> <p><b>Recording</b> . . . . Suspends and terminates the function being operated, and starts recording.</p> <p><b>Operation</b> . . . . The confirmation display appears asking whether to start recording. Select "YES" to suspend and terminate the function being operated and start recording.</p> <ul style="list-style-type: none"> <li>• For while operating a function which can be started up simultaneously, recording starts by the Multitask function.</li> <li>• When the start time arrives during a call (including dialing and ringing), recording starts after you end the call. When you are using another function during a call, recording starts after you end the call and the function.</li> </ul>
 <b>Overwrite setting</b>	<p>When you set a recording to be repeated and set "Overwrite setting" to "ON", the program recorded last time is automatically deleted and overwritten.</p> <p>▶ <b>OFF or ON</b></p>


## 2 Press (Finish).

- When the confirmation display appears asking whether to set the timer recording, select "YES". If you select "YES (default)", the same confirmation display does not appear afterward.


## Information

- You can set TV Timer/Timer Recording also by using the program information displayed in the i-appl Program Guide, sites, or mail. In that case, the registration display might appear with the start date/time, end date/time, channel, and program name entered.
- When you set TV Timer for multiple programs and set the timer alarm to sound at the same date/time, the alarm preferentially sounds for the program whose start date/time is the earliest. When the start date/time of the programs is the same, the alarm preferentially sounds for the program you set last.
- You cannot set multiple timer recordings whose recording time overlaps. If you set two timer recordings and the recording end time of one program is the same as the recording start time of the other, recording of the first program ends about one minute earlier.
- You cannot set TV Timer/Timer Recording for the programs whose start date/time or timer alarm date/time is past (about one minute before the start date/time for Timer Recording), except for the timer setting to be repeated.
- The setting of TV Timer/Timer Recording whose timer alarm date/time is past is automatically deleted. However, the timer setting to be repeated and the TV Timer setting for which "Alarm" is set to "OFF" are not deleted. Further, the settings are not deleted when you are operating the TV Timer/Timer Recording function at the alarm date/time.
- When no channel lists are set, you cannot set TV Timer/Timer Recording.
- Turn off the FOMA terminal after setting "Auto power ON" to "OFF" when you are near electronic devices using high-precision control or weak signals, or where the use is prohibited such as in airplanes and hospitals.
- When you have set "Priority" to "Operation" and the confirmation display is shown, the recording does not start even at the recording start time and starts at the time you select "YES". However, the recording is not executed if the recording end time is over.
- When "Overwrite setting" is set to "ON", the timer recording starts after erasing the program previously recorded. Regardless of whether you have watched the recorded program or not, or whether you have succeeded or failed timer recording, the previously recorded program is erased. If it is not erased before the timer recording starts, recording might not start on time.
- When you set "Overwrite setting" to "ON" for a recording, the file size of the recorded video might become larger than that of the video recorded last time because the file size varies depending on the recording (or watching) environment or programs. Note that you might not be able to record correctly when the unused memory space in the storage location is not enough.
- The title of the recorded video file takes the program name booked for the timer recording.

## Information


- "Ⓞ REC" appears on the viewer display during recording by Timer Recording.
- The audio from a 1Seg program is not output during recording started by Timer Recording. You can output the audio by pressing  or adjusting the sound volume, however.

## Function Menu while the TV Timer List or the Timer Recording List is Displayed

<b>New</b>	Go to step 1 of "TV Timer List" on page 261 for TV Timer. Go to step 1 on page 262 for Timer Recording.
<b>Edit</b>	Go to step 1 of "TV Timer List" on page 261 for TV Timer. Go to step 1 on page 262 for Timer Recording.
<b>Sort</b>	You can change the display order. ▶ <b>Select an order.</b>
<b>Delete this</b>	▶ <b>YES</b>
<b>Delete past</b>	You can delete the setting of TV Timer/Timer Recording whose start date/time or end date/time is set for the past date/time. ▶ <b>YES</b>
<b>Delete selected</b>	▶ <b>Put a check mark for the setting of TV Timer/Timer Recording to be deleted</b> ▶  <b>(Finish)</b> ▶ <b>YES</b>
<b>Delete all</b>	▶ <b>Enter your Terminal Security Code</b> ▶ <b>YES</b>
<b>Memory info</b> [Timer Recording list only]	You can display the used memory space (estimate).

## When you set an alarm for "TV Timer" or "Timer recording"

The icon appears on the desktop.

 . . . . Displayed when an alarm is set for today (except the setting for past time).

 . . . . Displayed when an alarm is set for tomorrow or onward only.

- If you set TV Timer with "Alarm" set to "OFF", the icons are not displayed.

## When the time specified for "TV Timer" or "Timer recording" comes

### <TV Timer>


If you set "Act. TV w/ alarm" to other than "Auto ON", the alarm sounds for about five minutes, and illumination lights. The vibrator works as the same setting for "Phone" of "Vibrator". The set start date/time, channel, program name and an animation appear on the display.



If you set "Alarm" to "ON" and "Act. TV w/ alarm" to "Auto ON", 1Seg automatically starts when the specified time comes. The alarm does not sound.

To end watching, press  and select "End 1Seg".

If you set "Off timer", the confirmation display appears asking whether to continue watching when the specified time elapses. If you select "NO" or do nothing for about 15 seconds, 1Seg automatically terminates.

### <Timer Recording>

About one minute before starting time, the alarm sounds for about two seconds, and illumination lights. The vibrator works as the same setting for "Phone" of "Vibrator". The set start date/time, end date/time, channel, program name and an animation appear on the display, then the viewer display appears. If you do nothing for about one minute after the recording starts, the Stand-by display appears. You can show the viewer display by pressing  and selecting "Activate 1Seg".

To end recording started by Timer Recording to save video, press  from the viewer display and select "YES". In Video Mode, you can end recording to save video also by pressing  (**Stop**) and selecting "YES".

- During a call

The alarm sounds from the earpiece.

- During operations

<TV Timer>

When "Alarm setting" is set to "Operation preferred", the timer alarm sounds only when the Stand-by display is shown. When it is set to "Alarm preferred", the timer alarm sounds even while you are operating another function or during a call. (See page 413)

<Timer Recording>

Timer Recording works according to the setting of "Priority". (See page 263) However, Timer Recording might not work when you are reading to/writing from the microSD card, or accessing the Data Storage Center.

- When the timer alarm is set to the same time of "Alarm", "ToDo", or "Schedule"  
The alarm sounds in the priority order of "Alarm" → "Timer recording" → "ToDo" → "Schedule" → "TV timer". A missed alarm of TV Timer/Timer Recording is notified by the icon on the desktop.
- When the power is turned off  
The timer alarm does not sound except for the TV Timer setting with "Auto power ON" set. For Timer Recording, you cannot record a 1Seg program unless the power is turned on one minute before the start date/time.  
The icon does not appear on the desktop even after turning on the power.
- In Manner Mode  
The vibrator, message display, and illumination light notify you. The alarm sounds at the volume set for Manner Mode. (See page 109)
- During Lock All, Personal Data Lock or Omakase Lock  
The timer alarm does not sound. You cannot record a 1Seg program unless each lock is released one minute before the start date/time.  
After releasing each lock, the icon appears on the desktop to inform you.
- While the microSD card is operated, or during infrared communication or iC communication  
The timer alarm does not sound. You cannot record a 1Seg program unless each function is finished one minute before the start date/time.  
After each function is finished, the icon appears on the desktop to inform you.
- While updating software program  
The timer alarm does not sound. You cannot record a 1Seg program unless software update is finished one minute before the start date/time.

### Information

- When you set "Alarm setting" to "Alarm preferred" for the setting of TV Timer/Timer Recording and the alarm time comes while you are dialing, the alarm sounds after you call up the other party. When the alarm time comes while ringing, the alarm sounds after you start talking.
- When you have set "PIN1 code entry set" to "ON" and set "Auto power ON" to automatically turn on the power to sound TV timer alarm, the display for entering your PIN1 code appears after the power is automatically turned on. The timer alarm does not sound unless you enter your PIN1 code.
- When you set "Auto power ON" to automatically turn on the power to sound a TV timer alarm, the alarm sounds after the wake-up image stops.


### Information

- You might not be able to set some i-motion movies/Chaku-uta Full® music files for TV timer alarm.
- Depending on the i-motion movie you set for TV timer alarm, only the audio might be output at the specified time.
- When a Chaku-uta Full® music file is set for TV timer alarm, only the audio is output at the specified time. The illumination for when you play back a demo to select an alarm tone differs from for when you are notified by an alarm.

### To stop alarm tone/clear alarm message, animation, and i-motion of TV timer alarm

The alarm tone stops by pressing any of the keys, but the animation/i-motion becomes a still image, and the timer alarm message stays displayed. When "Act. TV w/ alarm" is set to "OFF", press any key again to clear it. When a call comes in, the alarm stops.



### When "Act. TV w/ alarm" of TV Timer is set to "Manual ON"

Press  and select "YES" from the Timer Alarm Notification display; then 1Seg starts, and you can watch the program set for TV Timer. In the case that a program is being recorded, the video recorded up to that point is saved.

### When "Timer Alarm Notification" is not executed or recording is completed

The icon appears on the desktop. You can check that icon for the contents of the missed timer alarm (setting information) or recording result.

The setting information or recording result is the latest missed one.

- When "Act. TV w/ alarm" is set to other than "OFF", you can start 1Seg also by pressing  and select "YES" from the display of setting Information.
- When recorded video is stored, you can play back the video also by pressing  from the display of recording result.

## Recording Result

You can display up to 20 recording results from the latest one.

**1** **1Seg** **▶ Recording result**  
**▶ Select a recording result.**

- To delete all recording results, press (DEL all), enter your Terminal Security Code, and select "YES".



## <User Settings>

### Setting 1Seg

**1** **1Seg** **▶ User settings**  
**▶ Do the following operations.**

#### Display

<b>Caption</b>	You can set whether to display the caption for when watching starts. <b>▶ ON or OFF</b>
<b>Caption posit. in w-scr</b>	You can set the caption position on the horizontal display. <b>▶ Upper or Lower</b>
<b>Icon</b>	You can set whether to always display guide (see page 254) on the horizontal display. <b>▶ ON or OFF</b> • Even if you set "Icon" to "OFF", the icon such as "📶", "📶", "📶" or "📶" appears during communication or when an i-mode mail message or Message R/F comes in.

#### Mail ticker display

For when you receive an i-mode mail message, SMS message, or Message R/F while watching a 1Seg program, you can set whether to notify you of the receiving by the ticker on the viewer display.

**▶ Select an item.**

**Sender+subject** . . . . . Displays ticker of the sender and title.

**Receipt notification** . . . . . Displays ticker of reception notification only.

**OFF** . . . . . Does not display ticker on the viewer display.

- See page 257 for details on ticker display.

#### Video

##### Mobile W-Speed

The outlines of images are automatically corrected so that you can watch more smooth videos of 1Seg programs.

**▶ ON or OFF**

##### Image quality

You can change the image quality.

**▶ Select an item.**

**Standard** . . . . .The average image quality

**Sports** . . . . .The image quality suitable for sports programs

**Cinema** . . . . .The image quality suitable for movies

**Dynamic** . . . . .The dynamic image quality by accentuation

#### Display light

You can set the duration of the display lights for when you watch a 1Seg program.

**▶ Constant light or Lighting duration**

**▶ Enter a lighting duration (minutes).**

- Enter from "01" through "30" in two digits.

#### Sound effect

##### Auto volume

You can set whether to turn up the sound volume so that it will be more audible.

**▶ ON or OFF**

##### Remaster

You can bring the sound from an earphone or Bluetooth device to the original sound by complementing high-pitch range lost at data compression.

**▶ ON or OFF**




<b>Listening</b>	<p>You can set the effect of the sound from an earphone or Bluetooth device.</p> <p>▶ <b>Select an item.</b></p> <p><b>Surround</b> . . . Makes the sound natural and stereophonic.</p> <p><b>Natur 1/2</b> . . . Complements the cooped-up feeling specific to earphones and plays back natural sound.</p> <p>Select 1 or 2 according to your taste.</p> <p><b>OFF</b> . . . . . Sets Listening to "OFF".</p>
<b>Equalizer</b>	<p>You can change the quality of the sound from an earphone or Bluetooth device.</p> <p>▶ <b>Select an item.</b></p> <p><b>Normal</b> . . . . . Reproduces normal sound quality.</p> <p><b>H.BASS1</b> . . . . . Enhances bass sound.</p> <p><b>H.BASS2</b> . . . . . Enhances bass sound more deeply than H.BASS1.</p> <p><b>Voice</b> . . . . . Makes conversation audible.</p> <p><b>Train</b> . . . . . Minimizes abnormal sound that causes sound leakage.</p>

### Recording

<b>Rec. when low battery</b>	<p>You can set whether to continue recording when the battery runs short during recording.</p> <p>▶ <b>ON or OFF</b></p> <p><b>ON</b> . . . . . The confirmation display does not appear and recording continues.</p> <p><b>OFF</b> . . . . . The confirmation display appears asking whether to end recording.</p>
<b>Rec. program when call</b>	<p>You can set whether to start recording automatically when a call or PushTalk call comes in while watching a 1Seg program.</p> <p>▶ <b>ON or OFF</b></p>

### Data broadcasting

<b>Set image display</b>	<p>You can set whether to display images of the data broadcasting site. (See page 204)</p>
<b>Sound effect setting</b>	<p>You can set whether to sound an effect tone of the data broadcasting and the data broadcasting site.</p> <p>▶ <b>ON or OFF</b></p>

<b>Reset settings</b>	<p>If you select "YES (default)" from the confirmation display for data broadcasting while watching a 1Seg program or playing back video, the same confirmation display does not appear afterward for both of them. The confirmation display resumes after you execute Reset Settings.</p> <p>▶ <b>YES</b></p>
<b>ECO mode</b>	<p>You can set ECO Mode which fixes some settings and reduces the battery consumption.</p> <p>▶ <b>YES</b></p> <ul style="list-style-type: none"> <li>• To release ECO Mode, perform the same operation.</li> <li>• Once ECO Mode is set, the following settings are fixed and cannot be changed. However, if you release ECO Mode, settings return. Mobile W-Speed: OFF Image quality: Standard Remaster: OFF Listening: OFF Equalizer: Normal</li> </ul>
<b>Reset channel setting</b>	<p>You can delete all channel lists.</p> <p>▶ <b>Enter your Terminal Security Code ▶ YES</b></p>
<b>Reset storage area</b>	<p>▶  (FUNC) ▶ <b>Delete ▶ Delete this or Delete all</b></p> <p><b>Delete this</b> . . . . . Deletes only the information of the affiliated broadcasting stations you selected, from the broadcasting storage area.</p> <p><b>Delete all</b> . . . . . Deletes the information of all affiliated broadcasting stations created in the broadcasting storage area.</p> <p>▶ <b>YES</b></p> <ul style="list-style-type: none"> <li>• If you select "Delete all", you need to enter your Terminal Security Code.</li> </ul>
<b>Reset TV settings</b>	<p>You can reset each of "User settings" to the default. See "Function List" for the items to be reset. (See page 476)</p> <p>▶ <b>Enter your Terminal Security Code ▶ YES</b></p>
<b>Check TV settings</b>	<p>You can check each of "User settings".</p>

## Information

### <Icon>

- The guide display might appear even if "Icon" is set to "OFF" when the airwave conditions have got worse.

### <Mobile W-Speed>

- When you set to "ON", you might not be able to have enough effects of "Image quality".
- Mobile W-Speed becomes invalid during ECO mode, displaying in the multiwindow, or AV output.
- Depending on the broadcast state, you might not be able to have the effects of Mobile W-Speed.
- Even when "Mobile W-Speed" is set to "ON" during recording or during timer recording, it is invalid when you play back the recorded video.

### <Display light>

- While a display is shown in Multiwindow, the setting of this function is invalid. The lighting duration follows the setting of "Backlight" on page 113.

### <Rec. program when call>

- In the following cases, the recording cannot be started when a call comes in:
  - During Play Background · While being displayed in the multiwindow
  - While being recorded · While being recorded by Timer Recording
  - In standby state for Timer Recording

### <Set image display>

- If you change this setting, "Set image display" of "i-mode settings" is also changed.

### <Reset settings>

- You cannot reset the confirmation display at the start of 1Seg (see page 250) and at the time of Timer Recording (see page 263).

# Music

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## ■ Handling Music Files

You can use music files saved on the microSD card for personal use only. Before using, give enough consideration not to infringe on the third party's intellectual property rights or other rights such as copyright.

## Music&Video Channel

Music&Video Channel is a service which automatically delivers up to about one-hour programs at night by just setting your favorite music programs in advance. Further, you can enjoy high-quality movie program of up to about 30 minutes. Programs are updated periodically and you can enjoy the delivered programs at your convenient time such as on commuting.

### ■ Before using Music&Video Channel

- Music&Video Channel is a pay service which is available on a subscription basis. (To apply for Music&Video Channel, you need to subscribe to Pake-hodai, Pake-hodai full or Pake-hodai double besides i-mode.)
- Other than the service fee for using Music&Video Channel, you might be separately charged an information fee depending on the program.
- If you insert the UIM to the Music&Video Channel incompatible FOMA terminal after you subscribe to Music&Video Channel, you cannot use Music&Video Channel Service. Note that the service fee applies unless you cancel the Music&Video Channel subscription.
- You cannot set or obtain programs during international roaming.※ Take procedures to halt the distribution of programs before going abroad. Then, after homecoming, resume receiving distribution.  
※When you try to set or obtain programs during international roaming, note that you are charged a packet communication fee for the i-mode communication.
- You can use mail functions, display i-mode sites, and so on, while listening to program using Music&Video Channel (Play Background).  
See page 504 for the combination patterns of simultaneously usable functions.
- For the details on Music&Video Channel, refer to "Mobile Phone User's Guide [i-mode FOMA version]".

## Setting Programs


If you previously set a program that you want to watch, the FOMA terminal automatically downloads the program data at night.





1  ► MUSIC ► Music&Video Channel


2 Set program ► Follow the instructions on the display to set a program.

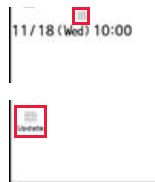
- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".
- See page 201 when data files are stored to the maximum.

### When a program is set

" Update" appears on the Stand-by display 12 hours before the time the program obtaining starts. However, it does not appear if you have inserted a UIM which is different from the one you used to set the program.

Programs are automatically obtained at night. The display for obtaining programs does not appear but " Update" appears on the desktop when they are successfully obtained. Press , highlight " Update", and press  (Select) to display the Music&Video Channel display.

When obtaining fails, " Fail" appears.



### Information

- When the communication is disconnected during obtaining a program, re-obtaining is automatically tried up to five times by an interval of about three minutes. When a display for obtaining a program is shown, however, the confirmation display appears asking whether to re-obtain the program.
- The ring tone does not sound and the vibrator does not work to notify that obtaining programs starts or is completed. When you set "Music&Video Ch illum." of "Illumination" to "ON", the Call/Charging indicator flickers when obtaining programs is completed. (See page 117)
- You can set up to two programs at once.
- Note that a newly obtained program overwrites a saved program and you can no longer play back that saved program afterward. To avoid overwriting, perform "Move program" to move the program to the "Saved program" folder.
- You cannot save the obtained program to the microSD card.

### Information

- To set programs, you need to register the site which offers Music&Video Channel programs to your My Menu. (See page 194)
- If you have not subscribed to Music&Video Channel, select "About this service" to see the Music&Video Channel introduction page.
- When the programs could not be obtained due to "power off" or "low battery" at the start time of program obtaining, re-obtaining is performed at night of the following day.
- It may take a time to obtain programs, so fully charge the battery and operate in the good radio wave conditions.
- You cannot perform the setting operation and automatic obtaining of the program selected on the Music&Video Channel display or the program in use.
- When you cancel Music&Video Channel, the programs other than those moved by "Move program" are deleted.
- If you insert a UIM which is different from the one you used to set programs, programs cannot be automatically obtained. Set the programs again from the Music&Video Channel display.
- When you select a service menu for Music&Video Channel, the message "Confirm set up information?" appears. If you select "YES", the programs that have been distributed might be deleted. However, they will not be deleted while the distribution is set to be halted.
- If you insert the UIM of the FOMA terminal that you have been set for programs into another Music&Video Channel compatible FOMA terminal, the programs cannot be obtained automatically. Select "Set program" again from the Music&Video Channel display to automatically update the program setting on the FOMA terminal, then the programs can be obtained automatically.

### Check/Cancel the Set Program


#### 1 Music&Video Channel display ▶ Set program ▶ Follow the instructions on the display.

You can check or cancel the set program. For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

### Information

- Even if the setting of a program is canceled, My Menu is not deleted.

### Obtain a Program Manually

" " appears on the Stand-by display when the automatic program obtaining fails or the program is not updated even after the program distribution date. When the automatic obtaining fails, you can manually obtain the program.

#### 1 Music&Video Channel display ▶ Select a program ▶ YES

- For a partially obtained program, select "Play" to play it back.
- For a program which has not been updated, select "Play" to play it back.
- See page 201 when data files are stored to the maximum.


### Information


- When obtaining of a program is suspended, the part of the program obtained up to that point is saved. To obtain remaining part, you can manually obtain it except in some time zones. When a program has been updated or switched to another program, obtaining starts not from the suspended point but from the beginning.
- You cannot re-obtain the program whose playable deadline has expired. Such a program cannot be updated until the next distribution date.
- You may not be able to manually obtain programs depending on the time zone.

## Playing/Operating Programs


- You can enjoy playing back programs in stereo sound by connecting to a stereo earphone (option). Also, you can enjoy playing back programs wirelessly by using a commercial Bluetooth device. (See page 427)

### 1 [MENU] ▶ MUSIC ▶ Music&Video Channel ▶ Select a program.

"

" is displayed while Music&Video Channel is activated, and "" is displayed when the program shifts to pause state during Play Background.

- When a program is highlighted, the next distribution date is displayed under the program name. It is not displayed when the program distribution is suspended. It might not be displayed when the automatic program obtaining fails.
- When information of the previously played program exists, playback starts from the position and/or in the mode accordingly.

Highlight a program and press  (Chapter); then the Chapter list is displayed.

Highlight a program and press  (To site) to connect to the URL of the program URL information.

The images on the right are displayed when you cannot display a preview image:





Obtaining program



Cannot be played back



No preview images

- When you press and hold  for at least one second or press  during playback or pause, playing back program ends.




Music&Video Channel display

## Operate Music&Video Channel from Data Box

You can play back programs also from Data Box. From Data Box, you can play back currently distributed programs as well as the programs that have been distributed in the past and moved to the "Saved program".

### 1 [MENU] ▶ Data box ▶ Music&Video Channel ▶ Downloaded program or Saved program ▶ Select a program.

- You can switch display format each time you press  (Change) from the Program list.




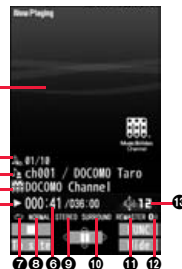
Program Folder list



Program list

### ■ About Music&Video Channel Playback display

- Program image or program video (When no images are stored, an animation appears.)
- Chapter number/Number of chapters
- Chapter name/Artist name
- Program name
- Playback state
- Playback time/Total playback time
- Play mode (No indication for "Normal")  
 : Repeat
- Equalizer  
**NORMAL** : Normal      **H.BASS1** : H.BASS1  
**H.BASS2** : H.BASS2      **TRAIN** : Train
- Stereo/Monaural  
**STEREO** : Stereo      **MONO** : Monaural



- 10... Listening (No indication for "OFF")  
 : Surround    : Natur1    : Natur2
- 11... Remaster (No indication for "OFF")  
 : ON
- 12... Icon of Bluetooth connection (No indication for not connected)  
 : Being connected
- 13... Sound volume

■ Operation while playing back a Music&Video Channel program

Operation	Key operation
Halt	
Pause	or •  or  to play back
Sound volume adjustment	or
Replay next chapter	or  (for at least one second)
Replay previous chapter	or  (for at least one second) • When playback time is over three seconds or no previous chapter is found, you go back to the beginning of the file.
Search (fast forward)*	Press and hold .
Search (fast rewind)*	Press and hold .
Connect to site	
Switch vertical display/horizontal display	 • Each time of pressing switches in order of playback on the vertical display → playback on the horizontal display fitted to the display size → playback on the enlarged full display.
Display next image	
Display previous image	
Remaster	 • Each time of pressing switches between "ON" and "OFF".
Listening	 • Each time of pressing switches in order of "OFF" → "Surround" → "Natur1" → "Natur2".

Operation	Key operation
Equalizer	 • Each time of pressing switches in order of "Normal" → "H.BASS1" → "H.BASS2" → "Train".

\* You cannot operate during pause.

From the Music&Video Channel Playback display, you can do the following operations by using the switch of an earphone/microphone (option):

Operation	Switch operation
Pause	Press once. • To play back, press again.
Replay next chapter	Press twice in succession.
Replay previous chapter	Press three times in succession. • When playback time is over three seconds or no previous chapter is found, you go back to the beginning of the file.

■ Icons on the Music&Video Channel display/the Program list

The icons on the Music&Video Channel display indicate the download status.



Icon	Description
	Successfully obtained program
	Broken program
	Partially obtained program or unsuccessfully obtained program




- " " is added to the newly obtained program.
- Some programs have restrictions on the number of playbacks, playable deadline, or playback period. " " is added to the icon of the program with playback restrictions and " " is added to the icon of the program with restrictions expired. You can check the playback restrictions for the program by "Program info".
- Some programs have restrictions on operation. " " is added to the icon of the program with operation restrictions.
- Depending on the program, its playable time zone is fixed. " " is added to the icon of the program with time zone restrictions. The time follows the time information obtained from the network.
- When obtaining a periodically-updated program fails, " " appears to tell the program has not been updated. " " disappears when obtaining the program starts.
- The file restriction is set to all the Music&Video Channel programs. See page 243 for the file restrictions.

**Information**

- The information of the previously played program is erased if you do the following operations:
  - When you turn on/off the FOMA terminal
  - When you update the program
  - When you delete or move the previously played program
- If you try to play back a program with a low battery, the confirmation display appears asking whether to play it back. The battery alert tone sounds regardless of the setting of "Keypad sound". When the battery becomes low during playback (including during Play Background), the playback pauses, and the confirmation display appears asking whether to end the playback.
- In the following cases, playback pauses and resumes after you finish each operation:
  - When you make/receive a voice call, videophone call, or PushTalk call
  - When you receive a mail message or Message R/F while "Receiving display" is set to "Alarm preferred" or the Stand-by display is shown
  - When an alarm of "Alarm", "Schedule", "ToDo", "TV timer" or "Timer recording" sounds
 Depending on the function which occurred, the confirmation display might appear asking whether to end the Music&Video Channel program.
- If a black display appears after you play back a program with time zone restrictions, playback starts at the next playable time zone.
- If you playback a program in countries other than Japan, the playable deadline might expire before or after the displayed deadline.
- On the full display, you cannot play back the audio-only music programs and video programs of QCIF (176 x 144) size or smaller.
- If you playback on the full display, the image might be displayed with the right or bottom side cut depending on the image size.

**Function Menu of Music&Video Channel Display/Program Folder List/Program List****Chapter list**

- You can display the list of chapters set for the program. Select a chapter to play back the selected chapter and afterward.
- Press  () and select "Chapter info" to display the information about the chapter title, playback time, etc.

<b>Play mode setting</b>	<p>▶ <b>Normal or Repeat</b></p> <p><b>Normal</b> . . . Plays back the program once in the order of the chapters.</p> <p><b>Repeat</b> . . . Plays back the program repeatedly in the order of the chapters.</p>
<b>Program info</b>	You can display the program title, distribution source, playback restrictions, etc.
<b>Move program</b>	<p>Programs currently distributed are updated to new programs on the next distribution date. You can save the current programs by moving them to the "Saved program" folder before the distributed program is updated. You can check "Memory info" for unused memory space you can save to. You can save up to 10 programs sharing the memory space with other data files, however, the number of programs you can save decreases depending on the data volume. (See page 535)</p> <p>▶ <b>YES</b></p> <ul style="list-style-type: none"> <li>• See page 201 when programs are stored to the maximum.</li> </ul>
<b>Add desktop icon</b>	See page 31.
<b>Edit title</b>	<p>▶ <b>Enter a title.</b></p> <ul style="list-style-type: none"> <li>• You can enter up to 31 full-pitch/63 half-pitch characters.</li> </ul>
<b>Reset title</b>	<p>You can reset the title to the default.</p> <p>▶ <b>YES</b></p>
<b>Multiple-choice</b>	<p>You can select and delete multiple programs stored in "Saved program" folder.</p> <p>▶ <b>Put a check mark for programs to be deleted</b></p> <p>▶  () ▶ <b>Delete</b> ▶ <b>YES</b></p>
<b>Connect to URL</b>	<p>You can access the URL when the program has the URL information.</p> <p>▶ <b>YES</b></p>
<b>Display image</b>	<p>You can display the program images stored in the program.</p> <ul style="list-style-type: none"> <li>• Press  to return to the list.</li> </ul>
<b>Memory info</b>	You can display the used memory space (estimate).
<b>Delete/Delete this</b>	<p>You can delete the program.</p> <p>▶ <b>YES</b></p>
<b>Delete all</b>	<p>You can delete all the programs stored in the "Saved program" folder.</p> <p>▶ <b>Enter your Terminal Security Code</b> ▶ <b>YES</b></p>



## Information

### <Play mode setting>

- The playable mode setting is invalid for the programs having the time zone restrictions.
- Even if you set to "Repeat", the program is not played back repeatedly if it has no time zone restrictions but has restrictions on the number of playbacks.

### <Move program>

- You cannot move the program when its obtaining is not completed, or the move restriction or time zone restriction is set for the program.

### <Edit title>

- When the next program is delivered, the edited title is overwritten by the new title.

### <Multiple-choice> <Delete/Delete this> <Delete all>

- Even when you delete the program, the program setting is not released.

## Function Menu during Playback/Pause

**Chapter list** See page 274.

**Play mode setting** See page 274.

### Sound effect

<b>Remaster</b>	You can bring the sound from an earphone or Bluetooth device to the original sound by complementing high-pitch range lost at data compression. ▶ <b>ON or OFF</b>
<b>Listening</b>	You can set the effect of the sound from an earphone or Bluetooth device. ▶ <b>Select an item.</b> <b>Surround</b> . . . . . Makes the sound natural and stereophonic. <b>Natur 1/2</b> . . . . . Complements the cooped-up feeling specific to earphones and plays back natural sound. Select 1 or 2 according to your taste. <b>OFF</b> . . . . . Sets Listening to "OFF".

### Equalizer

You can change the quality of the sound from an earphone or Bluetooth device.

#### ▶ **Select an item.**

**Normal** . . . . . Reproduces normal sound quality.

**H.BASS1** . . . . . Enhances bass sound.

**H.BASS2** . . . . . Enhances bass sound more deeply than H.BASS1.

**Train** . . . . . Minimizes abnormal sound that causes sound leakage.

**Program info** See page 274.

**Chapter info** You can display the title, play time, etc. of the chapter currently played back.

**Connect to URL** See page 274.

**Previous image** You can display a previous image.

**Next image** You can display a next image.

## Information

### <Sound effect>

- Even if an earphone or Bluetooth device is not connected, the respective setting contents are displayed on the display.

### <Previous image> <Next image>

- You can display up to three images, however, you may not be able to display them depending on the program.

## Playing Music

You can play back music files on your FOMA terminal by using MUSIC Player or i-motion player.

### ■ MUSIC Player (See page 278)

By "MUSIC Player" of "MUSIC", you can play back Chaku-uta Full® music files or music files saved from music CDs to the microSD card via a personal computer.

- You can display mail, i-mode sites, and so on, while listening to music by MUSIC Player (Play Background).

See page 504 for the combination patterns that can be started.

### ■ i-motion Player (See page 351)

From the "i motion" folder in "Data box", you can play back the voice-only i-motion movie (including music data of AAC format) or AAC format files stored on the microSD card.

## Saving Music Files

### Download Chaku-uta Full® Music Files




You can download Chaku-uta Full® music files from sites. You can save up to 250 Mbytes of files including other data files. (See page 531)

## 1 Call up a Chaku-uta Full® music file downloadable site


### ▶ Select a Chaku-uta Full® music file ▶ Save ▶ YES

- Select "Play" to play back the Chaku-uta Full® music file. See page 281 for operations while a Chaku-uta Full® music file is being played back.
- Select "Property" to display the Chaku-uta Full® music file information. (See page 284)
- See page 201 when Chaku-uta Full® music files are stored to the maximum.

## 2 Select a destination folder.

- Press  (  ) to display folders at the second-tier level or lower, if they exist. Press  to return to the upper level.

### When downloading Chaku-uta Full® music file is suspended

When you press  ( Quit ) to suspend downloading or when the downloading is suspended by an incoming call, the confirmation display appears asking whether to resume downloading. Select "YES" to resume downloading the remaining part. Select "NO" to show the data acquisition completion display. Select "Save pt." to save it to a folder in "i-mode" folder in "MUSIC" in "Data box".

You can re-download the rest of the partially saved file from "Data box".

- The title name of the partially saved Chaku-uta Full® music file takes the date and time when it is downloaded.
- When the playable period or playable deadline of the partially saved Chaku-uta Full® music file has expired, you cannot download the remaining segments of the file. Further, the partially saved file is deleted when you save re-obtained data.

### About Uta-hodai

Uta-hodai files are the Chaku-uta Full® music files you can play back just for a period of the contract with a content provider. The playable deadline is specified in the license information that is downloaded together with the music file.

Even when the playable deadline has expired, you can play back the music file by updating the license.

- When a music file (Chaku-uta Full® music file downloaded on the membership service basis) whose playable deadline has expired is found at the start of MUSIC Player, the confirmation display appears asking whether to update the playable deadline. Select "YES" to update the file (Packet communication fee is charged). Select "NO" not to use the music file. See page 279 for starting MUSIC Player.
- Some Uta-hodai music files are applied with surplus playable days even after the playable deadline has passed. During this period, you can play back files without updating the playable deadline information. When the surplus playable days are over, you cannot play back the files. Also if you download a music file with playable period not updated, you cannot play it back before it is saved.
- When the upper limit of the (membership) music services you can register is exceeded, the confirmation display appears asking whether to overwrite them. Select "YES" to overwrite a music service whose playable deadline is the oldest. You can no longer play back the music files downloaded from the overwritten service.
- Packet communication fee for updating the playable deadline during international roaming is not supported by Pake-hodai, Pake-hodai full, and Pake-hodai double.

## Information

- You can save up to 5 Mbytes per Chaku-uta Full® music file.
- When the Uta-hodai music file set for the ring tone or alarm tone needs to be updated because the playable deadline has expired, the default tone sounds when a call comes in, or an alarm sounds/vibrates.
- For a Chaku-uta Full® music file that has restrictions on the number of playbacks, playable period, or playable deadline, “ ” is displayed at the head of the title. If you remove the battery and keep it aside for a long time, the date/time information in the FOMA terminal might be reset. In that case, you cannot play back the Chaku-uta Full® music file that has restrictions on the playable period or playable deadline. See “Music info” for checking the playback restrictions.
- Partially saved Chaku-uta Full® music files cannot be played back from Data Box.

## Save WMA Files

You can use Windows Media Player 10/11 to save Windows Media® Audio (WMA) files from a personal computer to the microSD card. You can save up to 600 WMA files.

- As well as music files, you can save playlists, jacket images, and license keys.

### STEP

## 1 Prepare devices required for saving WMA files

First, prepare the devices required for saving WMA files.

- P-02A
- microSD card
- FOMA USB Cable with Charge Function 01/02 (option)
- Personal computer with Windows Media Player 10 (10.00.00.3802 or later)/11 installed
  - When you use Windows Media Player 10/11 in Windows XP, use Windows XP Service Pack 2 or later. When you use Windows Vista, use Windows Media Player 11.
- Before connecting the FOMA terminal to a personal computer, you need to check the version of Windows Media Player.

### STEP

## 2 Use the FOMA terminal as reader/writer

Set “USB mode setting” to “MTP mode”. (See page 377)

### STEP

## 3 Save music files to the microSD card

Start Windows Media Player 10/11 and save WMA files to the microSD card.

- You cannot save WMA files to the FOMA terminal.
- For how to operate Windows Media Player 10/11, refer to Help for Windows Media Player 10/11.
- When you finish saving, remove the FOMA USB Cable with Charge Function 01/02 from the FOMA terminal.
  - When you remove the FOMA USB Cable with Charge Function 01/02, remove it after finishing the software in use.

## About the Napster® Application

You have the ability to save music files using the Napster® application.

- Please download the Napster® application from the following web page (in Japanese only):  
<http://www.napster.jp/>
- If you have any questions about the Napster® application, refer to the following web page (in Japanese only):  
<http://www.napster.jp/support/>

## Information

- Do not remove the microSD card during saving a file. You may lose the file.
- Music files and jacket images are saved to /PRIVATE/DOCOMO/MMFILE/WM/ on the microSD card.
- The WMA files saved to the microSD card using another FOMA terminal might not be recognized by the P-02A. Further, the files might not be recognized by the P-02A even when it is connected to the personal computer with “USB mode setting” set to “MTP mode”.
  - In that case, delete “WM” folder and “WM\_SYSTEM” folder on the microSD card by using your personal computer, or format the microSD card (see page 376). Note that not only music files but also all the other files are deleted when the microSD card is formatted.
- When unused memory space on the microSD card becomes less than 300 Kbytes, the card might not be recognized by a personal computer. Check the unused memory space on the microSD card and delete unnecessary data files if unused memory space is 300 Kbytes or less. Then connect to the personal computer after setting “USB mode setting” to “MTP mode” again.

## Save Music Files by Using SD-Audio

By using SD-Jukebox (commercial item), you can save the music files on the music CDs to the microSD card as AAC format data.

● By using the microSD card adapter (option), you can save music files to the microSD card directly from a personal computer as well.

※ The following steps are an example for when the FOMA terminal is used as a microSD reader/writer for saving music files.

### About SD-Jukebox

You can purchase SD-Jukebox from the following web page (in Japanese only):

[http://www.sense.panasonic.co.jp/PanaSense/special/soft/sd\\_jukebox/](http://www.sense.panasonic.co.jp/PanaSense/special/soft/sd_jukebox/)

● For details about operating environments, refer to the following web page (in Japanese only):

<http://panasonic.jp/support/software/sdjib/>

#### STEP

### 1 Prepare devices required for saving music files

First, prepare the devices required for saving music files.

- P-02A
- microSD card
- FOMA USB Cable with Charge Function 01/02 (option)
- Personal computer (Windows XP, Windows 2000, or Windows Vista)
- SD-Jukebox (commercial item)
- Music CD you want to save

#### STEP

### 2 Install SD-Jukebox

Install SD-Jukebox on the personal computer.

#### STEP

### 3 Use the FOMA terminal as reader/writer

Set “USB mode setting” to “microSD mode”. (See page 377)

#### STEP

### 4 Save music files to the microSD card

Start SD-Jukebox and set a music CD on the personal computer. Then use SD-Jukebox to save music files to the microSD card.

- For how to operate SD-Jukebox, refer to Help for SD-Jukebox.
- When you finish saving, remove the FOMA USB Cable with Charge Function 01/02 from the FOMA terminal.

#### <MUSIC Player>

### Using MUSIC Player

You can play back Chaku-uta Full® music files obtained from sites or music files saved to the microSD card.

To play back music files, select “MUSIC Player” from “MUSIC” on Main Menu. Play Background is available so that you can use mail functions, display sites, and so on, while listening to music.

To manage folders or data files, select “MUSIC” from “Data box” on Main Menu.

- Note that battery consumption will be faster when you use MUSIC Player.
- You can enjoy playing back music in stereo sound by connecting to a stereo earphone (option). Also, you can enjoy listening to music wirelessly by using a commercial Bluetooth device. (See page 427)
- If the number of stored files increases, it may take long to start MUSIC Player.

## Play Back Music Files

### 1 Press and hold for at least one second.

The Player Menu display appears.


- When the information about the previously played music file remains, the playback starts according to the information about the position to play or about mode.




### 2 Select an item.

**All tracks** . . . Displays all the music files saved on the FOMA terminal and microSD card.


**Artist** . . . . . Displays all the artist names.

Highlight the name of the artist you want to listen to and press  (Select), then all the album names of the selected artist are displayed. (Go to Album)

**Album** . . . . . Displays all the albums.

Highlight the name of the album you want to listen to and press  (Select).


**Genre** . . . . . Displays all the genres.

Highlight the genre you want to listen to and press  (Select).


**Playlist** . . . . . Displays all the playlists created by the FOMA terminal and personal computer.

See page 287 for the playback of playlists.


- The “★” mark is added to the playlist which is being played back or was previously played back.

- When you select “Artist”, “Album”, or “Genre”, and press  (Play) from the Type list, all the music files stored in the selected item are played back.

- You can switch display format each time you press

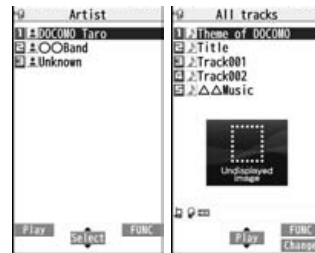
 (Change) from the Music list.

- When “Player” is displayed on the Type list or the Music list,

you can display the playback display of previously played back music file or music file in-play by pressing  (Player).

- You might not be able to display all the stored music files depending on their file size.

- The images on the right are displayed when you cannot display a preview image:



Type list  
(For Artist)

Music list



Incomplete data  
download









Cannot be  
displayed



No image,  
etc.

### 3 Select a music file.

Playback starts from the selected music file in the order listed on the Type list or playlist. “” is displayed while MUSIC Player is activated, and “” is displayed when the music shifts to pause state during Play Background.

- The “★” mark is added to the music file which is currently played back or was previously played back.
- Playback continues even if you close the FOMA terminal during playback.
- Press and hold  for at least one second during playback, pause, or halt, or press  to end MUSIC Player.
- When you press  (List) or  (CLR) during playback, the former Music list is displayed.

## Manage Folders or Music Files

### 1 MENU ▶ Data box ▶ MUSIC



Music Folder list

### 2 Select an item.

**MUSIC Player** . . . MUSIC Player starts. (See page 279)

**i-mode** . . . . . Displays the i-mode (Chaku-uta Full®) Folder list. Select a folder.

**WMA** . . . . . Displays the WMA list.

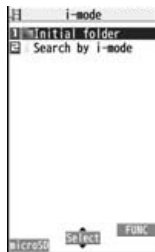
- Each time you press **MENU** from the i-mode (Chaku-uta Full®) Folder list, you can switch between the folders in the FOMA terminal and the microSD card.

- You can switch display format each time you press **Change** from the Chaku-uta Full® Music list and WMA list.

- See page 279 when you cannot display a preview image.

- See page 201 when you select "Search by i-mode".

- Some WMA files have playable license (number/period/deadline).



i-mode (Chaku-uta Full®) Folder list



Chaku-uta Full® Music list



WMA list

## 3 Select a Chaku-uta Full® music file or WMA file.

Only the selected music file is played back as a demo.

- Press and hold **Play** for at least one second or press **Stop** during playback or pause to end playback.
- You might be able to play back a Chaku-uta Full® music file by pressing **Play** or selecting "Play" from the Function menu while selecting it on another function.
- Chaku-uta Full® music files are shown by titles for control ("Music title - Artist name" in default title) when you display them from the "i-mode" folder. When you operate them from "MUSIC Player", they are shown by titles.

### ■ About playback display during using MUSIC Player

1 The jacket image which is stored in the music file (When no images are stored, an animation appears.)

2 Track number/Number of total music files

3 Title

4 Artist name

5 Playback state

6 Playback time/Total playback time

7 Play mode (No indication for "Normal")

▶ : Play only one      ◀ : Repeat one

⏮ : Repeat all      ⏭ : Random

⏮⏭ : Random play & repeat

DEMO : Demo (Displayed only in demo playbacks.)

8 Equalizer

**NORMAL** : Normal

**H.BASS1** : H.BASS1

**H.BASS2** : H.BASS2

**TRAIN** : Train

9 Stereo/Monaural

**STEREO** : Stereo

**MONO** : Monaural

10 Listening (No indication for "OFF")

**SURROUND** : Surround

**NATUR1** : Natur1

**NATUR2** : Natur2

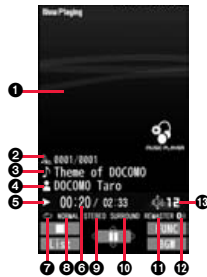
11 Remaster (No indication for "OFF")

**REMASTER** : ON

12 Icon of Bluetooth connection (No indication for not connected)

Ⓡ : Being connected

13 Sound volume



## ■ Operations of MUSIC Player in use

Operation	Key operation
Halt	(  ) ●  (  ) or  to play back
Pause	(  ) or ●  (  ) or  to play back
Sound volume adjustment	or
Replay next file	or  (for at least one second)
Replay previous file	or  (for at least one second) ● When playback time is over three seconds, no previous music file is found, and "Random" or "Random play&repeat" is set, you go back to the beginning of the file.
Search (fast forward)**	Press and hold .
Search (fast rewind)**	Press and hold .
Display list	(  )
Play background	(  )
Display image/ Display lyric/Player	 ● Each time of pressing switches displays in order of "Playback display (Jacket image)" → "Full display lyric image" → "Full display jacket image".
Display next image	
Display previous image	
Remaster	 ● Each time of pressing switches between "ON" and "OFF".
Listening	 ● Each time of pressing switches in order of "OFF" → "Surround" → "Natur1" → "Natur2".
Equalizer	 ● Each time of pressing switches in order of "Normal" → "H.BASS1" → "H.BASS2" → "Train".

※ You cannot operate during halt or pause.

● You cannot use some operations during playback of a demo.

From the playback display during use of MUSIC Player, you can do the following operations by using the switch of an earphone/microphone (option):

Operation	Switch operation
Pause	Press once. ● To play back, press again.
Replay next file	Press twice in succession.
Replay previous file	Press three times in succession. ● When playback time is over three seconds, no previous music file is found, and "Random" or "Random play&repeat" is set, you go back to the beginning of the file.

## ■ Playback specifications of Chaku-uta Full® music files

File format	MP4
Codec	MPEG-4 AAC MPEG-4 AAC+ (HE-AAC) Enhanced aacPlus
Bit rate	8 to 128 kbps
Extension	3gp

## ■ Playback specifications of SD-Audio files and number of storable files

File format	MPEG-2 AAC, MPEG-2 AAC+SBR
Bit rate	32 to 256 kbps
Maximum number of storable files	999 files
Maximum number of playlist	99 files (Up to 99 files can be stored in a single playlist.※)












※Except "All tracks".

## ■ Playback specifications of WMA files and number of storable files

File format	WMA (Windows Media Audio 9 Standard)
Bit rate	32 to 192 kbps
Maximum number of storable files	Maximum 600 files
Maximum number of playlist	100 files (Up to 250 files can be stored in a single playlist.)



## Icons on the Music list

When you select a music file from "MUSIC→MUSIC Player", the following icons are displayed:

Icon	Description
	Stored in the FOMA terminal
	Stored on the microSD card
	SD-Audio file format
	Chaku-uta Full® file format
	WMA file format
	UIM security function
	Chaku-uta Full® music file with playback restrictions
	Chaku-uta Full® music file with expired playback restrictions
	Playable Uta-hodai music file
	Uta-hodai music file which needs to be updated because the playable deadline has expired
	Unplayable Uta-hodai music file
	File with file restrictions

## Icons on the Chaku-uta Full® Music list

When you select a Chaku-uta Full® music file from "Data box→MUSIC", the following icons are displayed:


Icon	Audio format	Type
	AAC, AAC+(HE-AAC), Enhanced aacPlus	MP4 file
	—	Partially saved Chaku-uta Full® music files

Some Chaku-uta Full® music files and Uta-hodai music files have restrictions on the number of playbacks, playable deadline, or playable period. The following icons are added.

- File with playback restrictions . . . . . "🔒"
- File with playback restrictions expired . . . . . "🔒🕒"
- Playable Uta-hodai music file . . . . . "🔒🕒🔒"
- Uta-hodai music file which needs to be updated because the playable deadline has expired . . . . . "🔒🕒🔒🕒"
- Unplayable Chaku-uta Full® music file or Uta-hodai music file . . . . . "🔒🕒🔒🕒🔒"

You can check the playback restrictions for the file by "Music info".

All Chaku-uta Full® music files are set with file restrictions. See page 243 for file restrictions.

Icon	Acquired source
 *	Sites

\*For the copyrighted file movable to the microSD card, "🔒" is displayed.

## Information

- Regardless of the number of stored music files, MUSIC Player can recognize up to 1,500 music files in the display order on the All tracks list. However, the number of recognizable music files decreases depending on the data size of music files.
- Even when the file format is supported, you might not be able to play back some files.
- The information of the previously played music file is erased if you do the following operations:
  - When you remove/insert the microSD card
  - When you turn on/off the FOMA terminal
  - When you execute "Reset settings" or "Initialize"
  - When you delete the previously played music file
  - When you delete the previously played playlist
  - When you do not insert the microSD card on which the previously played music file is stored
  - When you set "USB mode setting" to "microSD mode" or "MTP mode" and connect to a personal computer
  - When you played back a music file from other than a playlist last time, and then when you perform "Edit music info" or "Reset music info", or you newly download, save or delete a Chaku-uta Full® music file
  - When the music file previously played is an Uta-hodai music file which needs to be updated because the playable deadline has expired
  - When the previously played music file is a WMA file and the WMA license becomes invalid
- Partially saved Chaku-uta Full® music files are not displayed when you operate from MUSIC Player.
- If you try to play back a music file with a low battery, the confirmation display appears asking whether to play it back. The battery alert tone sounds regardless of the setting of "Keypad sound". When the battery becomes low during playback (including during Play Background), the playback pauses, and the confirmation display appears asking whether to end the playback.
- Note that the battery is consumed sooner if you perform the fast-forward and other similar operations frequently.



## Information


- In the following cases, the playback pauses and resumes after you finish each operation:
  - When you make/receive a voice call, videophone call, or PushTalk call
  - When you receive a mail message or Message R/F while "Receiving display" is set to "Alarm preferred" or the Stand-by display is shown
  - When an alarm of "Alarm", "Schedule", "ToDo", "TV timer" or "Timer recording" soundsDepending on the event which occurred, the confirmation display might appear asking whether to end MUSIC Player.
- When a music file is switched to the previous or next one, the music file whose playable deadline or playable period has expired, or WMA file whose WMA license becomes invalid is skipped. When the Chaku-uta Full® music file has restrictions on the number of playbacks, the confirmation display appears asking whether to play it back regardless of the remaining number of playbacks. However, the music file whose number of playbacks has finished is skipped.
- When unused memory space on the microSD card becomes less than 300 Kbytes, you can no longer play back WMA files. To play back WMA files, check the unused memory space on the microSD card and delete unnecessary data files if unused memory space is 300 Kbytes or less.

## Function Menu of the Music Folder List/i-mode (Chaku-uta Full®) Folder List/Player Menu Display

<b>Play mode setting</b>	▶ Select a play mode.
<b>Normal</b> . . . . .	Plays back the music files sorted by type or in the playlist in order as listed. Finishes after the last music file is played back.
<b>Play only one</b> . . . . .	Plays back the selected music file once.
<b>Repeat one</b> . . . . .	Plays back the selected music file repeatedly.
<b>Repeat all</b> . . . . .	Plays back the music files sorted by type or in the playlist in order as listed repeatedly.
<b>Random</b> . . . . .	Plays back the music files sorted by type or in the playlist at random. Finishes after all the music files are played back.
<b>Random play&amp;repeat</b> . . . . .	Plays back the music files sorted by type or in the playlist at random repeatedly.

<b>Add folder</b>	▶ Enter a folder name. <ul style="list-style-type: none"><li>• You can enter up to 10 full-pitch/20 half-pitch characters.</li><li>• You can create a total of 25 folders at each level up to the second-tier level in the FOMA terminal. You can create folders at each level up to the seventh-tier level on the microSD card.</li></ul>
<b>Edit folder name</b>	▶ Enter a folder name. <ul style="list-style-type: none"><li>• You can enter up to 10 full-pitch/20 half-pitch characters.</li></ul>
<b>Delete folder</b>	You can delete a user folder and all Chaku-uta Full® music files in the folder. ▶ Enter your Terminal Security Code▶ YES
<b>Select storage</b>	You can set the destination folder for when you move the Chaku-uta Full® music file to the microSD card. You can set it for up to seventh-tier-level folders. ▶ YES
<b>Memory info</b>	You can display the used memory space (estimate)/number of stored items.

## Information





- <Add folder>
  - You cannot create a user folder in the WMA folder.
- <Delete folder>
  - If you delete the Chaku-uta Full® music file set for another function, the setting returns to the default.
- <Select storage>
  -  is displayed for the folder set as a destination.
  - When you execute Check microSD, or create or edit a folder by using a personal computer, the destination folder on the microSD card might be changed. When the setting is changed, set the destination folder again.

## Function Menu of the Chaku-uta Full® Music List/Type List/ Music List/WMA List

<b>Player menu</b>	You can show the Player Menu display from the Type list or Music list.
<b>Play mode setting</b>	See page 283.

<b>Set as ring tone</b>	
<b>Fullsong ring tone</b>	<p>You can set a full piece of Chaku-uta Full® music file as a ring tone.</p> <p>▶ <b>Select an item.</b></p> <ul style="list-style-type: none"> <li>For a Chaku-uta Full® music file on the microSD card, the confirmation display appears asking whether to move it to the FOMA terminal. (See "Move Files from the microSD Card to the FOMA Terminal" on page 374.)</li> </ul>
<b>Point ring tone</b>	<p>You can set a part of Chaku-uta Full® music file as a ring tone.</p> <p>▶ <b>Select a range to be set</b> ▶ <b>Select an item.</b></p> <ul style="list-style-type: none"> <li>You can check the range to be set by pressing  (Play).</li> <li>For a Chaku-uta Full® music file on the microSD card, the confirmation display appears asking whether to move it to the FOMA terminal. (See "Move Files from the microSD Card to the FOMA Terminal" on page 374.)</li> </ul>
<b>Music info</b>	<p>You can display the title, artist name, playback time, etc.</p> <ul style="list-style-type: none"> <li>Press  (FUNC) with the music information of Chaku-uta Full® music file displayed and select "Edit music info"; then you can edit the information contents. Select a desired item and then edit it. To return the edited information to the unedited one, select "Reset music info". Select a desired item and select "YES".</li> </ul>
<b>Add to playlist</b>	<p>▶ <b>Select a storing method.</b></p> <p><b>Add one</b> . . . . . You can store the music file.</p> <p><b>Add some</b> . . . . . Select the music files to be stored, and press  (Finish).</p> <ul style="list-style-type: none"> <li>The music files are stored in the displayed order.</li> </ul> <p>▶ <b>Select a playlist you store music files to.</b></p> <ul style="list-style-type: none"> <li>When you create a new playlist to store music files to, select "New playlist" and enter a playlist name. When 30 playlists are already stored, the confirmation display appears asking whether to delete them to save a new one.</li> </ul>

<b>Move</b>	<p>You can move the Chaku-uta Full® music file in the FOMA terminal to another folder inside it, or can move the Chaku-uta Full® music file on the microSD card to another folder inside it.</p> <p>▶ <b>Select a destination folder.</b></p> <ul style="list-style-type: none"> <li>Press  ( ) to display folders at the second-tier level or lower, if they exist. Press  (CLR) to return to the upper level.</li> </ul>
<b>Move to microSD</b>	<p>You can move the Chaku-uta Full® music file to the microSD card. (See page 374)</p>
<b>Move to phone</b>	<p>You can move the Chaku-uta Full® music file on the microSD card to the FOMA terminal. (See page 374)</p>
<b>Edit title</b>	<p>You can edit the title of Chaku-uta Full® music file.</p> <p>▶ <b>Enter a title.</b></p> <ul style="list-style-type: none"> <li>For a Chaku-uta Full® music file in the FOMA terminal, you can enter up to 9 full-pitch/18 half-pitch characters.</li> <li>For a Chaku-uta Full® music file on the microSD card, you can enter up to 18 full-pitch/36 half-pitch characters.</li> </ul>
<b>Reset title</b>	<p>You can reset the title of a Chaku-uta Full® music file to "Music title - Artist name".</p> <p>▶ <b>YES</b></p>
<b>Add folder</b>	See page 283.
<b>Edit folder name</b>	See page 283.
<b>Delete folder</b>	See page 283.
<b>Multiple-choice</b>	<p>You can select multiple Chaku-uta Full® music files and operate them.</p> <p>▶ <b>Put a check mark for Chaku-uta Full® music files to be operated</b> ▶  (FUNC) ▶ <b>Select an item.</b></p> <p><b>Delete</b> . . . . . See "Delete this" on page 285.</p> <p><b>Move</b> . . . . . See page 284.</p>
<b>Connect to URL</b>	<p>You can access the URL when the Chaku-uta Full® music file has the URL information.</p> <p>▶ <b>YES</b></p>

<b>Display image</b>	<p>You can display jacket images stored in the music file.</p> <ul style="list-style-type: none"> <li>When multiple jacket images are stored, press  to display a previous or next jacket image.</li> <li>When the image is storable, press  ( Save ) and select "YES", then select any destination folder to save it.</li> </ul>
<b>Display lyric</b>	<p>You can display lyric images stored in the Chaku-uta Full® music file.</p> <ul style="list-style-type: none"> <li>When multiple lyric images are stored, press  to display a previous or next lyric image. You can display up to seven lyric images.</li> <li>When the image is storable, press  ( Save ) and select "YES", then select any destination folder to save it.</li> </ul>
<b>Select storage</b>	See page 283.
<b>Memory info</b>	You can display the used memory space (estimate)/number of stored items.
<b>Delete this</b>	▶ YES
<b>Delete all</b>	<p>You can delete all Chaku-uta Full® music files or WMA files in the folder.</p> <p>▶ Enter your Terminal Security Code ▶ YES</p> <ul style="list-style-type: none"> <li>If there is a user folder in a folder, you cannot delete the user folder or Chaku-uta Full® music files in the user folder.</li> </ul>

### Information

#### <Set as ring tone>

- When an Uta-hodai music file set for a ring tone cannot be played back or needs to be updated because playable deadline is expired or the UIM security function is set, the default ring tone returns.
- See "Music info" for checking whether to be set as ring tone.

#### <Add to playlist>

- You cannot add music files to the playlist created using a personal computer.

#### <Reset title>

- If there is no music title or artist name, it is displayed as "Unknown" for each.

#### <Display image>

- Some images may not be displayed correctly.

### Information

#### <Delete this> <Delete all>

- If you delete the Chaku-uta Full® music file set for another function, the setting returns to the default.
- If you delete the WMA file stored in the WMA playlist, it is released from WMA playlist.
- When the last WMA file is deleted or all the WMA files are deleted, the licensed file is deleted at the same time.

### Function Menu during Playback/Pause/Halt

<b>Player menu</b>	<p>You can show the Player Menu display from the playback display during using MUSIC Player.</p> <ul style="list-style-type: none"> <li>Playback state continues even when you show the Player Menu display.</li> </ul>
<b>Play mode setting</b>	See page 283.
<b>Sound effect</b>	
<b>Remaster</b>	<p>You can bring the sound from an earphone or Bluetooth device to the original sound by complementing high-pitch range lost at data compression.</p> <p>▶ ON or OFF</p>
<b>Listening</b>	<p>You can set the effect of the sound from an earphone or Bluetooth device.</p> <p>▶ Select an item.</p> <p><b>Surround</b> . . . . Makes the sound natural and stereophonic.</p> <p><b>Natur 1/2</b> . . . . Complements the cooped-up feeling specific to earphones and plays back natural sound. Select 1 or 2 according to your taste.</p> <p><b>OFF</b> . . . . . Sets Listening to "OFF".</p>

<b>Equalizer</b>	You can change the quality of the sound from an earphone or Bluetooth device. ▶ <b>Select an item.</b> <b>Normal</b> . . . . . Reproduces normal sound quality. <b>H.BASS1</b> . . . . . Enhances bass sound. <b>H.BASS2</b> . . . . . Enhances bass sound more deeply than H.BASS1. <b>Train</b> . . . . . Minimizes abnormal sound that causes sound leakage.
<b>Music info</b>	See page 284.
<b>Connect to URL</b>	See page 284.
<b>Display image/ Display lyric/Player</b>	You can change the playback display. <b>Display image</b> . . . Shows the jacket image on the full display. <b>Display lyric</b> . . . . . Shows the lyric image on the full display. <b>Player</b> . . . . . Shows the playback display.
<b>Previous image/ Previous lyric</b>	You can display a previous jacket image or lyric image.
<b>Next image/Next lyric</b>	You can display a next jacket image or lyric image.

### Information

#### <Sound effect>

- Even if an earphone or Bluetooth device is not connected, the respective setting contents are displayed on the display.

<Display image/Display lyric/Player> <Previous image/Previous lyric>

<Next image/Next lyric>

- For Chaku-uta Full® music files, you can display up to 3 jacket images and up to 7 lyric images.  
For SD-Audio files saved by SD-Jukebox, you can display up to 20 jacket images, and for WMA file, you can display up to 2 image buried in a file. When you use the Napster® application program, you can display 1 image stored as a jacket image. There are no lyric images for them.

## Using Playlist

You can create the list of music files you want to listen to, and play them back in the order you like.






You can play back using the playlists created by the FOMA terminal or Windows Media Player, or the SD-Audio playlists created by SD-Jukebox.

- The maximum number of playlists that can be created and the number of music files that can be stored per playlist are as follows:

Creating source	Number of playlist	Number of music files that can be stored per playlist
Playlists created by FOMA terminal	Maximum 30 (Except "All tracks")	100
Playlists created by Windows Media Player	Maximum 100	250
SD-Audio playlists created by SD-Jukebox	Maximum 99 (Except "All tracks")	99

- When you create a playlist on the FOMA terminal, you can store the Chaku-uta Full® music files saved on the FOMA terminal or microSD card, the WMA files saved by Windows Media Player, and the SD-Audio files saved by SD-Jukebox into the same playlist.

#### ■ Icons on the Playlist list

Icon	Type
	All tracks
	All tracks for SD-Audio
	FOMA playlist
	SD-Audio playlist
	WMA playlist

## Create Playlist

### 1 Player Menu display ▶ Playlist



### 2 (FUNC) ▶ Create playlist

- ▶ Select a type and display the Music list
- ▶ Put a check mark for music files to be stored
- ▶ (Finish)

• The music files are stored in the displayed order.

### 3 Enter a playlist name.

• You can enter up to 18 full-pitch/36 half-pitch characters.

#### Information

- In a playlist, you cannot store partially saved Chaku-uta Full® music files or files with playback restrictions expired.

## Play Back Playlist

### 1 Playlist list ▶ Select a playlist

- ▶ Select a music file.

- Press (Play) from the Playlist list to play back the music files from the top one in the selected playlist.
- You cannot play back a playlist from "MUSIC" of Data Box.



Music list of a Playlist

## Function Menu of the Playlist List





<b>Player menu</b>	You can show the Player Menu display.
<b>Play mode setting</b>	See page 283.
<b>Create playlist</b>	See page 287.
<b>Copy playlist</b>	<ul style="list-style-type: none"><li>▶ <b>Enter a playlist name.</b></li><li>• You can enter up to 18 full-pitch/36 half-pitch characters.</li><li>• When you copy the SD-Audio playlist or WMA playlist, it is copied to the FOMA terminal as the FOMA playlist.</li></ul>
<b>Edit playlist name</b>	<p>You can edit the name of the FOMA playlist.</p> <ul style="list-style-type: none"><li>▶ <b>Edit the playlist name.</b></li><li>• You can enter up to 18 full-pitch/36 half-pitch characters.</li></ul>
<b>Add</b>	<p>You can add the music files to the FOMA playlist.</p> <ul style="list-style-type: none"><li>▶ <b>Select a type and display the Music list</b></li><li>▶ <b>Put a check mark for the music files to be added</b></li><li>▶ (Finish)</li><li>• The music files are stored at the end of the list in the displayed order.</li></ul>
<b>Delete playlist</b>	<p>You can delete the FOMA playlist.</p> <ul style="list-style-type: none"><li>▶ <b>Select a deleting method.</b></li><li><b>Delete this</b> . . . . . You can delete the playlist.</li><li><b>Delete selected</b> . . . Select the playlists to be deleted, and press (Finish).</li><li><b>Delete all</b> . . . . . Enter your Terminal Security Code.</li><li>▶ <b>YES</b></li></ul>

#### Information

##### <Copy playlist>

- You cannot copy the WMA playlist with no music file stored in.

## Function Menu of the Music List of a Playlist

<b>Player menu</b>	You can display the Player Menu display. <ul style="list-style-type: none"><li>• Playback state continues even when you show the Player Menu display.</li></ul>
<b>Play mode setting</b>	See page 283.
<b>Music info</b>	See page 284.
<b>Add</b>	See page 287.
<b>DEL from playlist</b>	You can release the music files from the FOMA playlist. <ul style="list-style-type: none"><li>▶ <b>Select a deleting method.</b></li><li><b>DEL one from list</b> . . . . . You can release the music file.</li><li><b>DEL some from list</b> . . . . . Select the music files to be released, and press  (Finish).</li><li><b>DEL all from list</b> . . . . . You can delete the whole playlist.</li><li>▶ <b>YES</b></li></ul>
<b>Order to play</b>	You can change the order of playlist created on the FOMA terminal. <ul style="list-style-type: none"><li>▶ <b>Select a music file</b> ▶ Use  to change the order to play</li><li>▶  (Select)</li><li>• To change the order in succession, repeat the above steps.</li><li>▶  (Set)</li></ul>
<b>Add to playlist</b>	See page 284.
<b>Display image</b>	See page 285.
<b>Display lyric</b>	See page 285.

### Information

#### <DEL from playlist>

- You cannot release music files from the playlists created on a personal computer.

# i- $\alpha$ pli/i-Widget

i- $\alpha$ pli .....	290
Downloading i- $\alpha$ pli from Sites .....	<i- $\alpha$ pli Download> 290
Starting i- $\alpha$ pli .....	<i- $\alpha$ pli Run> 291
Setting i- $\alpha$ pli .....	< $\alpha$ pli Settings> 304
Starting i- $\alpha$ pli Automatically .....	305
Using i- $\alpha$ pli Call .....	306
Setting i- $\alpha$ pli Call .....	307
Operating i- $\alpha$ pli Stand-by Display .....	<i- $\alpha$ pli Stand-by Display> 308
Displaying i- $\alpha$ pli Data Files on the microSD Card .....	< $\alpha$ pli Data> 309
i-Widget .....	309
Using i-Widget .....	310
Setting i-Widget .....	311
Starting Widget $\alpha$ pli .....	<Start Widget $\alpha$ pli> 311

## i-appli

"i-appli" is a software program for i-mode mobile phones. You can use your FOMA terminal more conveniently by downloading\* various software programs from the i-mode site. For example, you can automatically update the stock price information or weather information, and enjoy games without accessing network.

It also supports i-appli online which enables the online communication among multiple parties using real time communication and i-appli call (see page 306), so you can enjoy versus games and chat applications. Also, some i-appli programs are compatible with i-Widget (see page 309).

\*You are separately charged a packet communication fee.

- The packet communication fee for the overseas use differs from the one for the domestic use. (See page 460)
- For details on i-appli, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

### <i-appli Download>

## Downloading i-appli from Sites

You can download software programs from sites to the FOMA terminal. You can save up to 100 files (up to about 2 Mbytes per file), however, the number of files you can save decreases depending on the data volume because the memory space is shared with other data files. (See page 535)

**1** Call up an i-appli downloadable site  
▶ Select a software program.

**2** Select "OK" when downloading ends.


- See page 201 when i-appli programs are stored to the maximum.
- When downloading ends, the display for Software Setting (Network Set, Stand-by Set, Location Usage, Program Guide Key, or i-appli call) might appear. These settings can be done also from the Software list.

**3** YES or NO

YES . . . . Starts i-appli.

NO . . . . Returns to the site display.

### When downloading is suspended

When you press CLR or  to suspend downloading an i-appli program of 100 Kbytes or more, or when downloading is suspended by the radio wave conditions, the confirmation display appears asking whether to resume downloading. Select "YES" to resume downloading the remaining part. Select "NO" to show the confirmation display asking whether to save the file downloaded halfway. Select "YES" to partially save the file.

You can re-download the rest of the partially saved i-appli program from the Software list.

### When you downloaded mail-linked i-appli

An i-appli mail folder is created automatically each in the Inbox/Outbox Folder list, and the title of the downloaded mail-linked i-appli becomes the name of the folder.

- You can save up to five mail-linked i-appli programs.
- You cannot download the software program if the mail-linked i-appli using the same folder is already in the Software list.
- You cannot download mail-linked i-appli while Mail Security is set.
- You cannot download mail-linked i-appli if the Inbox/Outbox Folder list contains five i-appli mail folders.
- When re-downloading mail-linked i-appli whose folder only remains, the confirmation display appears asking whether to use the existing i-appli mail folder. If you select "YES", the existing folder is used. If you select "NO" because you do not use it, the confirmation display appears asking whether to delete an existing folder and create a new one. You cannot download mail-linked i-appli without creating a new folder.

### Information

- You can download pre-installed i-appli programs from the "P-SQUARE" site (in Japanese only).  
☎ Menu→メニューリスト (Menu List)  
→ケータイ電話メーカー (Mobile Phone Maker)→P-SQUARE




QR code for  
accessing the site

- Downloading is not available from some accessed sites.



## Information

- Some i-oppai programs can automatically connect to the i-mode Center after they are downloaded. However, to use this service, you need to set it in advance in "Network set" of "Software setting".
-  appears at the top of the display while software information or a software program is being downloaded from SSL pages.
- At downloading, the confirmation display might appear asking whether to send the "Phone/Terminal and UIM ID". Select "YES" to start downloading. In this case, the "Phone/Terminal and UIM ID" is sent to the IP (Information Provider) over the Internet, so could be deciphered by third parties. However, your phone number, address, age, and gender are not notified to the IP (Information Provider) or others by this operation.
- If you attempt to re-download the software program that was downloaded using a different UIM, the confirmation display appears asking whether to overwrite the software program. With the Osaifu-Keitai compatible i-oppai, the confirmation display appears telling that the data on the IC card is to be deleted. Select "YES" to start downloading. When downloading ends, the software program that was downloaded using a different UIM and the data on the IC card are deleted.
- You cannot download some software programs while the IC card function is working or IC Card Lock is activated.
- Some software programs that start immediately after downloading cannot be saved.
- Depending on the data volume on the IC card, you might not be able to download Osaifu-Keitai compatible i-oppai even if there is still available space for software storage. Delete the displayed software programs following the confirmation display, and then download it again. (Some software programs might not be targeted for deletion, depending on the software type to be downloaded.)  
Depending on the software program, you need to start it and delete the files on the IC card before deleting the software program itself.
- "i-oppai mail" is the mail sent and saved by mail-linked i-oppai and mail received as mail-linked i-oppai. i-oppai mail is automatically saved to the i-oppai mail folder.




















## Display Software Info

You can display software information when downloading i-oppai.

- 1  **i-oppai**  **oppai settings** **Disp. software info**  
**Display or Not display**

## <i-oppai Run> Starting i-oppai

- 1  **(for at least one second)**  
**Select a software program to be started.**

- On the Software list, the icons show the types of i-oppai programs and supported functions.
  -  : GPS compatible i-oppai
  -  : Osaifu-Keitai compatible i-oppai
  -  : Management information i-oppai
  -  : microSD card compatible i-oppai
  -  : Vertical full display compatible i-oppai
  -  : Horizontal display compatible i-oppai (incompatible with full display)
  -  : Horizontal full display compatible i-oppai
  -  : i-oppai DX
  -  : Mail-linked i-oppai
  -  : Partially saved i-oppai
  -  : Set for Auto Start
  -  : Set for the i-oppai Stand-by display
  -  : Set for both Auto Start and the i-oppai Stand-by display
  -  : Can set for the i-oppai Stand-by display
  -  : Downloaded from an SSL page
  -  : Downloaded or upgraded by using a different UIM
- You can display the Software list on the microSD card by  **i-oppai**  **oppai(microSD)** **Software list**.
- Each time you press  **(Change)** from the Software list in the FOMA terminal, the display format changes.



Software list

- When you start an i-αppli DX program or while it is running, the confirmation display might appear asking whether to permit the i-αppli DX program to use the FOMA terminal's information and functions.
- When you start the Osaifu-Keitai compatible i-αppli program for the first time, the confirmation display appears asking whether to make the UIM and IC card compatible. The UIM information that has been made compatible is saved on the IC card as IC owner information.
- When you select a partially saved i-αppli program, you can download the remaining part of it.
- "OK" or "OK" is displayed while an i-αppli program is running.
- To end i-αppli, press and hold **CLR** for at least one second or press **END**; then select "YES".
- The software program you started last time comes at the top of the list. You cannot manually change the order of software programs.
- See page 201 when you select "Search by i-mode".

### Information

- When a software program can be started from another program, the confirmation display appears. When a software program to be started is not specified, select a software program.
- To start up i-αppli DX, set the data and time by "Set time" beforehand.
- When a software program is running, melodies are played back at the volume set for "Phone" or "Ring volume". However, melodies are not played back during a call.
- You may need to set the communication setting while a software program is running.
- When communicating frequency is extremely high in a certain period of time while an i-αppli program is running, the confirmation display appears asking whether to continue communicating.
- With some software programs, you can use the Web To function and the Phone To/AV Phone To function from i-αppli. However, you cannot use them while the software program is running as the i-αppli Stand-by display.
- If you start the camera from i-αppli, the shot images are not saved with ordinary images, but are saved as part of i-αppli for its usage.
- If you start the camera from i-αppli, you can specify the image size or image quality for some i-αppli programs.

### Information

- Images<sup>※</sup> that are used by i-αppli and data you have entered might be sent over the Internet to the server automatically.
  - ※ i-αppli uses the following types of images:
    - Images shot by the camera after it is started from a camera-linked application program
    - Images obtained by the infrared communication function of i-αppli
    - Images downloaded from sites or Internet web pages
    - Images obtained from Data Box by i-αppli
- i-αppli mail running under mail-linked i-αppli might not be displayed correctly.
- Some i-αppli programs save the various information used on the i-αppli programs when you end them. However, the information might not be saved if the low battery alarm sounds or the battery pack is removed while the i-αppli program is running. If the battery level indicates "L", either press **END** or end the i-αppli program in accordance with the operation of each software program.
- You can save the data files of some software programs to the microSD card, but you might not be able to use them for another model. You can check "i-αppli data" for the software programs that use the microSD card.
- Some IPs (Information Providers) may access the software program stored in your mobile phone and have it directly halted, depending on the software program. In that case, you will not be able to start or upgrade the software program, or use it for the Stand-by display. You can delete it or display the software information. To resume running the software program, you need to receive the communication to cancel the software halting state. Contact the IP (Information Provider) to inquire about that.
- Some IPs (Information Providers) might send data to the software program stored in your mobile phone depending on the software program.
- When the IP (Information Provider) requests to halt or re-open the software program or sends data to it, the mobile phone communicates and "L" is displayed. In this case, you are not charged a communication fee.
- With some software programs, you can perform registering or deleting My Menu on the i-αppli program.
- To creators of i-αppli
  - If you encounter an error while creating a software program, the Trace Information display might help identify the problem.
  - For how to check the trace information, see "Trace Information" on page 293.
- You can show the information of i-αppli by **MENU** ▶ i-αppli ▶ **About** **INFO** **αppli**.

## Use Bar Code Reader

You can use the camera to scan JAN codes, QR codes, and CODE 128 depending on the software program.

When you start Bar Code Reader while an i-αpli program is running, the camera (Bar Code Reader) starts up. Put the code to be scanned within the guide frame and shoot.

- You need to download CODE 128 compatible i-αpli program to scan CODE 128.
- The scanned data file is used/saved by the i-αpli program.

## Motion tracking

The FOMA terminal supports "Motion Tracking" which enables you to operate i-αpli programs (by inclining or swinging the FOMA terminal) through the recognition technology of the camera.

- Motion Tracking might not work in the following cases:
  - When the lens of the camera is dirty
  - When the clothes you wear are similar to the background
  - When the background is not stable such as when you are moving
  - When you are in a dark or too bright place


### Warning

The motion tracking compatible application program is the game to play by inclining or swinging the FOMA terminal. If you excessively swing your FOMA terminal, it might happen that it hits against persons or objects, resulting in accidents or damage. When playing the game, securely take hold of your FOMA terminal, do not swing to an extent more than necessitated, and check around you for safety.

## Trace Information

You can check the details when a software program malfunctions.



### 1 MENU ▶ i-αpli ▶ αpli info ▶ Trace info

- When the memory space for Trace Info becomes full, the information is overwritten from the oldest one.
- When "FUNC" is displayed on the Trace information display, press  (FUNC), and select "Copy info" to copy the information. Select "Delete info", and select "YES" to delete the information. Select "Store in microSD", and select "YES" to store in the microSD card.





## Security Error History









You can check the details when an i-αpli program ends because of a security error.

### 1 MENU ▶ i-αpli ▶ αpli info ▶ Security error history

- When "FUNC" is displayed on the Security error history display, press  (FUNC), and select "Copy info" to copy the information. Select "Delete info", and select "YES" to delete the information.
- You can display the security error history also by selecting " Error" from the desktop.

## Function Menu of the Software List

Set  αpli To	You can set whether to permit the i-αpli program to start from a link on site or mail message. You can set also for when you place the FOMA terminal over an IC card compatible scanning device. You can set this for each software program. ▶ Put a check mark for items to be set  (Finish) • Some items might not be set depending on the software program.
Auto start time	See page 305.
Software setting	
Stand-by set	See page 308.
Network set	You can set whether to communicate while an i-αpli program is running. ▶ ON or OFF  (Finish)
Stand-by net	See page 308.
Icon info	You can set whether to permit the i-αpli program to use information of icons indicating i-mode mail, SMS messages, Messages R/F, battery level, Manner Mode, and within/out-of service area. ▶ ON or OFF  (Finish)

<b>Change mid./img.</b>	You can set whether to permit the i-ϕppli program to change the setting for the ring tones, Stand-by display, etc. This function is available only for i-ϕppli DX programs. ▶ <b>ON, OFF or Check every change</b> ▶  (Finish) ● If you select "Check every change", the confirmation display appears each time the i-ϕppli program tries to change the setting for the ring tones, Stand-by display, etc.
<b>See P. book/hist.</b>	You can set whether to permit the i-ϕppli program to refer to the Phonebook, Redial, and Received Calls. This function is available only for i-ϕppli DX programs. ▶ <b>ON or OFF</b> ▶  (Finish)
<b>View ToruCa</b>	You can set whether to permit the i-ϕppli program to refer to ToruCa files. This function is available only for i-ϕppli DX programs. ▶ <b>ON or OFF</b> ▶  (Finish)
<b>Location usage</b>	You can set whether to permit the i-ϕppli program to use location information. This function is available only for i-ϕppli DX programs. ▶ <b>ON or OFF</b> ▶  (Finish)
<b>Program guide key</b>	You can set the software program for the i-ϕppli Program Guide that starts up from 1Seg. You can set this only for the i-ϕppli DX program that links to 1Seg. ▶ <b>ON or OFF</b> ▶  (Finish)
<b>Map setting</b>	You can set the software program used on the GPS function. ▶ <b>ON or OFF</b> ▶  (Finish)
 <b>i-ϕppli call</b>	See page 307.
<b>Software info</b>	You can display the software name, version, and others of the i-ϕppli program.
<b>Upgrade</b>	▶ <b>YES</b>
<b>Add desktop icon</b>	See page 31.
<b>Delete</b>	
<b>Delete this</b>	▶ <b>YES</b>
<b>Delete selected</b>	▶ <b>Put a check mark for software programs to be deleted</b> ▶  (Finish) ▶ <b>YES</b>
<b>Delete all</b>	▶ <b>Enter your Terminal Security Code</b> ▶ <b>YES</b>

**Move to microSD** See page 374.

**Move to phone** See page 374.

### Information

#### <Icon info>

- When you set "Icon info" to "ON" for the i-ϕppli Stand-by display, the icon information for unread mail/message, battery level, Manner Mode, radio wave strength and out-of-service area can be sent to the IP (Information Provider) over the Internet in the same way as the Phone/Terminal and UIM ID, and can be deciphered by third parties.
- When the software program needs "Icon info", the software program might not run if "OFF" is selected.

#### <Upgrade>

- Depending on the software program, you can upgrade it at start.
- At upgrading, the confirmation display might appear asking whether to send the "Phone/Terminal and UIM ID". Select "YES" to start upgrading. In this case, the "Phone/Terminal and UIM ID" is sent to the IP (Information Provider) over the Internet, so could be deciphered by third parties. However, your phone number, address, age, and gender are not notified to the IP (Information Provider) or others by this operation.
- You cannot upgrade the mail-linked i-ϕppli in the following cases:
  - While details of the corresponding i-ϕppli mail folder are displayed
  - While Mail Security is set
  - When Mail Security is set for the corresponding i-ϕppli mail folder

### When you delete mail-linked i-ϕppli

The confirmation display appears asking whether to delete the i-ϕppli mail folder as well. If you do not delete it, you can check the text of mail from the Outbox/Inbox list.

YES. . . . . Deletes both the software program and the i-ϕppli mail folder.

NO. . . . . Deletes the software program only and the i-ϕppli mail folder is left.

Cancel. . . . . Does not delete both the software program and i-ϕppli mail folder; the former display returns.

- You can delete neither the i-ϕppli program nor the i-ϕppli mail folder even if you select "YES", in the following cases:
  - While Mail Security is set
  - While the folder is set with security
  - While displaying details of the folder
  - When the folder contains protected mail

## When you delete an i-αpli program whose files are on the microSD card

The confirmation display appears asking whether to delete files on the microSD card as well.

- YES . . . . . Deletes both the software program and files on the microSD card. Press “YES” again on the confirmation display. You need to enter your Terminal Security Code to execute “Delete” or “Delete selected”.
- NO . . . . . Deletes the software program only and the files on the microSD card are left.
- Cancel . . . . . Does not delete both the software program and files on the microSD card, and the former display returns.

## When you delete Osaifu-Keitai compatible i-αpli

The confirmation display appears telling that the files on the IC card will be deleted.

- You cannot delete the “ID 設定アプリ (iD Setting Application)”.
- You might not be able to delete the Osaifu-Keitai compatible i-αpli while the IC card function is working or IC Card Lock is set.

## Pre-installed i-αpli Programs

The following i-αpli programs are pre-installed:

- You can delete the pre-installed i-αpli programs. You can re-download them from the “P-SQUARE” site (see page 202). When you use a UIM other than the one used for downloading, the UIM security function (see page 37) is set for them.
- Deadlines for re-download services
  - ・ “スーパーパズルボブル (Super Puzzle Bobble)”: the end of January, 2013
  - ・ “ファミリー伝言板 (Family Message Board)”: the end of January, 2010
  - ・ “とっさの英語辞典 (Spur-of-the-moment English Dictionary)”: the end of January, 2013
  - ・ “時刻表ウィジェット (Timetable Widget)”: the end of January, 2011
  - ・ “日英版/日中版 しゃべって翻訳 for P (J-E/J-C Speech Translation for P)”: the end of December, 2012
- The re-download service might be halted or closed without notice even in the service period.
- Deadlines for downloading i-αpli additional data
  - ・ “ファミリー伝言板 (Family Message Board)”: the end of January, 2010
  - ・ “とっさの英語辞典 (Spur-of-the-moment English Dictionary)”: the end of January, 2013
  - ・ “時刻表ウィジェット (Timetable Widget)”: the end of February, 2011
  - ・ “日英版/日中版 しゃべって翻訳 for P (J-E/J-C Speech Translation for P)”: the end of January, 2013

## スーパーパズルボブル (SUPER PUZZLE BOBBLE)

Aim at a target by the key to shoot bubbles. Connect three bubbles of the same color to erase them. The rule is simple, so even a beginner can enjoy this puzzle game.

Enjoyable two modes are prepared; “ばずるモード (Puzzle mode)” with 100 stages in total and “とことんモード (Challenge mode)” in which you erase bubbles thoroughly.



© TAITO CORP. 1994,2008

## 1 Software list

▶ スーパーパズルボブル (SUPER PUZZLE BOBBLE)

## 2 Select a menu.

ばずるモード (Puzzle mode)

. . . . This mode is for challenging 100 stages in total.

とことんモード (Challenge mode)

. . . . This mode is for thoroughly erasing bubbles popping up one after another.

へるぶ (Help)

. . . . Displays the explanations about the operations and rules.

- You can press (✖) to switch the sound on/off.

## とっさの英語辞典 (Spur-of-the-moment English Dictionary)

With the Spur-of-the-moment English conversation dictionary, you can check the English expressions used in your daily life or for overseas travel, or which is useful in business. Further, this is a comprehensive English dictionary that comes with "English-Japanese/Japanese-English dictionary of Gakken JISUPA" that enables you to check English words and Japanese phrases.

You can also perform cross-reference between dictionaries.

- You are charged a packet communication fee for downloading audio data. As the size of voice data is bulky, you are advised to subscribe to Pake-hodai, Pake-hodai full or Pake-hodai double.
- The voice data of the "Spur-of-the-moment English conversation dictionary" and dictionary data of "English-Japanese dictionary" and "Japanese-English dictionary" are saved to the microSD card. While accessing the microSD card, wait without operating the keys. According to the number of audio data files on the microSD card, it may take long to finish accessing.
- The installed e-dictionary uses "Spur-of-the-moment English conversation dictionary" and "English-Japanese/Japanese-English dictionaries of Gakken Co., Ltd."



### 1 Software list ▶ とっさの英語辞典 (Spur-of-the-moment English Dictionary) ▶ Read "免責 (Exemption clause)" thoroughly ▶ OK

- If you remove a check mark for "アプリ起動時に常に表示する。(Always shows this display at the start of this application program).", "免責 (Exemption clause)" does not appear when you start the program next time.

### 2 Select a dictionary to be used.

#### 英会話とっさのひとこと辞典

#### (Spur-of-the-moment English conversation dictionary)

... The Spur-of-the-moment English conversation dictionary starts. Check the English expressions by specifying a scene or keyword you encounter or use in your daily life. Further, you can confirm those English expressions with voice.

#### 学研 辞スハ英和 / 和英辞典

#### (English-Japanese/Japanese-English dictionary of Gakken JISUPA)

... The English-Japanese/Japanese-English dictionary starts. Enter the English spelling/ Japanese reading for a word into the input box for searching. When the dictionary is not downloaded, the confirmation display appears asking whether to download it.

#### 英会話とっさのひとことクイズ

#### (Spur-of-the-moment English conversation quiz)

... You can enjoy quizzes made from the title expressions.

- If you select (お気に入り登録) → "お気に入り登録 (Store as bookmark)" from the search result display, you can bookmark the result. Further, if you press (音声データ管理) or select (音声データ管理) → "音声データ管理 (Manage voice data)" → "章毎ダウンロード (Download by chapter)" / "一括ダウンロード (Download at one time)", you can download voice data to play back.

## 日英版 / 日中版 シャべって翻訳 for P (J-E/J-C Speech Translation for P)

Just by speaking a phrase to be translated into your FOMA terminal, this application program translates it from Japanese to English or Chinese and vice versa.

- You can use all the functions charge free for 60 days from when you start using this application program. Some phrases available for translation are restricted on and after the 61st day. To use all the services, you need to register in My Menu (charged) from the "しゃべって翻訳 (Speech Translation)" site by ATR-Trek Co., Ltd. (in Japanese only)

[How to access: Menu → メニューリスト (Menu List)

→ 辞書 / 学習 / 便利ツール (Dictionary/Study/ Convenient Tool) → 辞書 / 翻訳 (Dictionary/Translation)

→ シャべって翻訳 (Speech Translation)]

- You are separately charged a packet communication fee.



The display is for J-E version.

© ATR-Trek Co., Ltd.

### 1 Software list

▶ 日英しゃべって翻訳\_P (J-E Speech Translation\_P) or 日中しゃべって翻訳\_P (J-C Speech Translation\_P)

#### ▶ SKIP

- Select "日英しゃべって翻訳\_P (J-E Speech Translation\_P)" for using J-E version, or select "日中しゃべって翻訳\_P (J-C Speech Translation\_P)" for using J-C version.

### 2 Read "しゃべって翻訳とは (What is Speech Translation?)" and "ご利用規約 (Usage rules)" thoroughly ▶ 同意する (Agree)

- You need to agree with "ご利用規約 (Usage rules)" when you use the program for the first time.

### 3 Read "ご利用注意事項 (Cautions in use)" thoroughly ▶ OK ▶ はい (YES)

- If you select "いいえ (NO)", "しゃべって翻訳とは (What is Speech Translation?)", "ご利用規約 (Usage rules)", and "ご利用注意事項 (Cautions in use)" do not appear when you start the program next time.

### 4 はい (YES) ▶ OK

- "アプリの使い方 (How to use application)" appears at the first startup.

## 5 Select a menu item.

日→英 翻訳 (Translate Japanese to English)

... Starts translation from Japanese to English.

英→日 翻訳 (Translate English to Japanese)

... Starts translation from English to Japanese.

日→中 翻訳 (Translate Japanese to Chinese)


... Starts translation from Japanese to Chinese.

中→日 翻訳 (Translate Chinese to Japanese)

... Starts translation from Chinese to Japanese.

シーンを変更 (Change scene)

... Select a scene suitable for words to be translated.

● Press  to switch between Japanese and English or Chinese.

### Gガイド番組表リモコン (G Guide Program List Remote Control)

This is a convenient i-opp1 program that bundles the TV program list and AV remote control function and the monthly charge is free.

Anytime and anywhere you are, you can easily obtain the terrestrial digital, terrestrial analog or BS digital TV program information for the desired time zone. You can know about titles, contents, and start/end times of TV programs. Further, you can start a 1Seg program from the program list and vice versa.

If there is any program you want to watch, you can set timer recordings of the program on a DVD recorder, etc. over the Internet. (You need to have a DVD recorder, etc. that supports the remote timer recording function. And you need to perform initial settings of this application program.) Further, you can search for the program information by keywords such as program genres or celebrities you like, or pickup keywords on the top of the display. You can also remote-control a TV, video recorder, and DVD player. (Some models are not supported.)

- See "Using Infrared Remote Control Function" on page 386 for details on the infrared remote control.
- You need to make the initial settings and to agree with the usage rules for the first time.
- You are separately charged a packet communication fee.
- To use this application program overseas, set the FOMA terminal's clock to Japan time.
- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".
- This software program is not available when the mode of 2in1 is set to B Mode.





※The display is for reference. The actual one may differ. Local programs according to your region appear on your display.

### About TV timer function

You can set 1Seg TV Timer for programs you want to watch by selecting from the program list of this application program.




#### How to set TV Timer

1. Software list▶Gガイド番組表リモコン (G Guide Program List Remote Control)
  - ▶ Highlight a program you want set TV Timer for and press  (
  - ▶ 視聴予約 (TV Timer)▶予約実行 (Execute booking)
  - ▶ Operate following the instructions on the display.

### About timer recording function

You can select a program you want to record and set a timer recording from the program list of this application program.

#### How to set a timer recording



1. Software list▶Gガイド番組表リモコン (G Guide Program List Remote Control)
  - ▶ Highlight a program to be set for a timer recording and press  (
  - ▶ #ワンセグ録画予約 (1Seg timer recording)▶予約実行 (Execute booking)
  - ▶ Operate following the instructions on the display.(You can set a timer recording also by highlighting a program and pressing )

### About remote timer recording function

If you have a DVD recorder, etc. that supports the remote timer recording function, you can set timer recordings from the program list of this application program over the Internet even if you are away.

For remote timer recording, you need to make initial settings of this application program.

#### How to make initial settings

1. Set the Internet connection for the DVD recorder, etc.  
(Refer to the instruction manual of the DVD recorder, etc. you use.)
2. Software list▶Gガイド番組表リモコン (G Guide Program List Remote Control)
  - ▶  (
  - ▶ リモート録画予約 (Remote timer recording)
  - ▶ Operate following the guidance.

#### How to set timer recordings

After the initial settings, specify your desired program and select "リモート録画予約 (Remote timer recording)". Then, the DVD recorder, etc. specified on this application program is connected via the Internet, and you can set timer recordings.

- You are separately charged a packet communication fee.

## iD 設定アプリ (iD Setting Application)

Chargeless electronic money "iD" is a service that enables you to do shopping by placing your Osaifu-Keitai or a credit card with "iD" mounted over a scanning device. You can do shopping easily and conveniently without signing. Depending on the card publishing company, cashing is also supported.

- For using "iD", you need to subscribe to a card publishing company that supports "iD" as well as to have Osaifu-Keitai on which specified settings have been completed by the iD application or card application provided by the card publishing company, or a credit card on which "iD" is mounted.
- When you use "iD" on Osaifu-Keitai, you need to complete settings of iD application or card application. Depending on the card you use, you need to complete iD application settings and then make settings of card application by downloading or starting the card application.
- The expense (annual fees, etc.) charged for the iD service differs depending on the card publishing company.
- You cannot delete "iD 設定アプリ (iD Setting Application)".
- For the information about "iD", refer to the i-mode site of "iD" (in Japanese only).  
i-mode site: ☎ Menu→メニューリスト (Menu List)→「iD」



※ The display is for reference.  
The actual one may differ.



QR code for  
accessing the site

## DCMXクレジットアプリ (DCMX Credit Application)

"DCMX" is a credit service that supports "iD" and offered by NTT DOCOMO, INC. DCMX provides DCMX mini that enables you to use up to ¥10,000 per month and respective DCMX/DCMX GOLD services that enable you to use more amount and save up DOCOMO points.

With "DCMX mini", you can easily make a subscription from this application program and immediately use Mobile Phone Credit.



※ The display is for reference.  
The actual one may differ.

Subscribing for membership/Screening ※1

Setting card information

### Use

No troublesome deposit is required!  
Just by placing the mobile phone with the card information setting completed, at a shop where the following iD mark is put up, you can enjoy shopping without signing※2.



### Check

You can check, on the application program, the service contents of DCMX, the balance for this month※3, and detailed account!

### Change


You can perform setting from the application program when changing models or updating your validity period.

※1 The online screening is conducted at your subscription for DCMX mini. For subscribing to a service other than "DCMX mini", you are connected to the subscription page for i-mode.

※2 You might be required to enter your pin number under certain conditions.

※3 Available for DCMX mini only.



- For service contents and details of subscriptions, refer to the i-mode site of DCMX (in Japanese only).
  - i-mode site:  Menu→DCMX iD



QR code for  
accessing the site

### Information



- To start this application program for the first time, you need to agree with “ご利用上の注意 (Cautions in use)”.
- You are charged a packet communication fee for settings and operations.

### ■ Cautions on Osaifu-Keitai compatible i-oppli

Note that we take no responsibility for any information set on your IC card.

### i アプリバンキング (i-oppli Banking)

i-oppli Banking is an i-oppli program that enables you to conveniently use mobile banking (check your account balance and deposits/withdrawals, and transfer/shift money) from your FOMA terminal. You can use up to two financial institutions by entering your specified password at the startup of the i-oppli program. You can pay bills/payment notices also by Pay-easy.

- To use mobile banking on i-oppli Banking, you need to have the bank account and subscribe to the internet banking service of each bank.
- You are separately charged a packet communication fee.
- For details on i-oppli Banking, refer to “Mobile Phone User’s Guide [i-mode] FOMA version”.
- For the information about i-oppli Banking, refer to i-mode site (in Japanese only).
  - i-mode site:  Menu→メニューリスト (Menu List)
    - モバイルバンキング (Mobile Banking)
    -  アプリバンキング (i-oppli Banking)



※ The display is for reference.  
The actual one may differ.



QR code for  
accessing the site










### モバイルGoogleマップ (Mobile Google Map)

On the map, you can easily find out area information, shop information, and the contents created by users. You can switch to the aerial photo mode and view the map by Street View. You can also check the transportation to the destination by the line search.



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© 2008 Geocentre Consulting, NFGIS, Zenrin,  
Europa Technologies

### ■ About the Map display

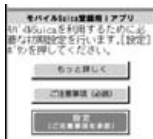
- : Displays the menu.
- : Searches. (Searches shops in the area, service information, and other places to show on the map.)
- : Moves the cursor.
- : Context menu [現在地の住所 (Postal address of current location), ここまでの経路 (Route up to here), ここからの経路 (Route from here), ストリートビュー (Street view), お気に入りに保存 (Bookmark), 付近を検索 (Search the vicinity)]
- : Zoom out
- : Switches map/aerial photo.
- : Zoom in
- : Shows the current location.
- : Saves to/Displays from bookmark.

- You need to agree to the usage rules when you use it for the first time.
- You are separately charged a packet communication fee.
- For details, refer to “ヘルプ (Help)” in the menu.

## モバイルSuica登録用 i アプリ (Mobile Suica Setup i-appli)

“モバイルSuica登録用 i アプリ (Mobile Suica Setup i-appli)” is the i-appli program NTT DOCOMO provides for making initial settings required before you use the Osaifu-Keitai compatible service, “Mobile Suica”, offered by JR East. Make the initial settings on this application program, and follow the online instructions to download the Suica application from the JR East site and subscribe to it.

- You need to agree with “ご注意事項 (必読) [Cautions (Must read)]” when you use this program for the first time.
- You are separately charged a packet communication fee.
- You can delete this application program after completing initial settings, but the area within the IC card you set remains occupied. To use the occupied area for other services, you need to initialize all the data in the IC card (full format, hereafter).
- You need to visit a docomo shop to perform a full format.
- All the data files on the IC card are deleted by the full format.
- When you use Mobile Suica Service after a full format, you need to make initial settings again using this i-appli program.
- For the information about Mobile Suica, refer to the i-mode site (in Japanese only).  
i-mode site: Menu → メニューリスト (Menu List)  
→ おサイフケータイ (Osaifu-Keitai) → モバイルSuica (Mobile Suica)
- “Mobile Suica” is a registered trademark of East Japan Railway Company.



※The display is for reference. The actual one may differ.

## i アバターメーカー (i-Avatar Maker)

What you can do with i-Avatar Maker

### ■ Create avatars

You can easily create avatars by using various parts prepared by i-Avatar Maker. You can create avatars viewing the images shot by the camera or stored in Data Box, or can create avatars based on the prepared samples.

### ■ Use avatars

You can use the created avatars by converting to the materials for Deco-mail, Deco-mail pictograms, Decome-Anime, or the Machi-chara images which support i-concier.

By registering the created avatars on the i-avatar site, you can change their clothes and publicize them on the competition site.

- You are separately charged a packet communication fee for converting avatars to Decome-Anime templates or Machi-chara images.
- You are separately charged a packet communication fee for registering avatars on the i-avatar sites.
- You might need to purchase items for changing their clothes on the i-avatar site.
- i-avatar is a trademark of D2 COMMUNICATIONS.
- “Avatar Maker” is a trademark of ACRODEA, Inc.




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© eitarosoft

※The display is for reference. The actual one may differ.

## ファミリー伝言板 (Family Message Board)

Family Message Board is an application program that enables you to share memos and schedule events among your family or friends. After registering to join a group, you can share the memos and schedule events with other members of the group. Further, you can check the memos and schedule events by using compatible TV.

- You are separately charged a packet communication fee.
- For details, press  (Explanation) from each display to show them.
- For the compatible TV sets and how to access on the TVs, refer to the information of the Function menu.



© Panasonic Mobile Communications Co.,Ltd.

## 1 Software list ▶ ファミリー伝言板 (Family Message Board)

- ▶ Read “**利用規約 (Usage rules)**” thoroughly
- ▶ “**同意のうえ利用する (Agree with Exemption Clause)**”

- If you put a check mark for “次回から表示しない (Does not show from the next time)”, “利用規約 (Usage rules)” does not appear when you start the program next time.

## 2 Register yourself.

You need to register yourself at the first startup. Select “ユーザーの登録 (User's registration)” and register yourself following the instructions on the display.

## 3 Set your group.

You need to set a group you join at the first startup.

### 新しいグループを作る (Make a new group)

... You can make a new group as a manager. Make a new group following the instructions on the display.

### グループに参加 (Join a group)

... You can join a group already created. Join the group following the instructions on the display.

- Every user can join only one group.

## 時刻表ウィジェット (Timetable Widget)

With this Widget application, you can download the timetable and check the countdown of minutes/seconds until the train's departure. The schedule registration function is also provided to notify you of the departure time by sounding an alarm. You can update the timetable from the menu, and search for the nearest station using the GPS function.

- You are separately charged a packet communication fee.
- For details, refer to “ヘルプ (Help)” in the menu.



Powered by JR Travel Navigator

## 1 Software list ▶ 時刻表ウィジェット (Timetable Widget)

## 2 Read “免責事項 (Exemption clause)” thoroughly

▶  (承諾)

## 3 Select an item.

### 駅名入力/時刻表登録 (Enter station name/Store timetable)

... Stores the timetable of the station you want to use.

### 全体設定/ヘルプ/免責事項 (Whole setting/Help/Exemption clause)


... Sets a font size, and displays “ヘルプ (Help)” and “免責事項 (Exemption clause)”.

### アプリ終了 (End application)

... Ends this application.

## 楽オク☆アプリ (Rakuoku ☆ Application)

"楽オク☆アプリ (Rakuoku ☆ Application)" enables you to easily exhibit your goods on Rakuoku whenever you want wherever you are. The instruction guides you through exhibition procedures, and you can make "体験出品 (trial entries)", so you can use it easily even if you are a beginner. As the "かんたん入力 (Easy entering)" function and the convenient functions such as shooting/editing photos and saving records are available, you can exhibit your goods in a shorter time than you do on sites.

- You need to agree with "利用規約 (Usage rules)" when you use this program for the first time.
- You are separately charged a packet communication fee.
- For details on Rakuoku, refer to "Mobile Phone User's Guide [i-mode] FOMA version".
- To exhibit on Rakuoku, you need to subscribe to the Rakuten membership and register on My menu.
- For the information about Rakuoku, refer to i-mode site (in Japanese only).  
i-mode site:  Menu→オークション (Auction)



※ The display is for reference.  
The actual one may differ.



QR code for  
accessing the site



## 地図アプリ (Map Application)

By using the GPS function and map, you can read the map of the place you are currently in or you specify, or check area information. You can also navigate yourself to the destination by vehicle, on foot, or by car.

Further, you can easily get transfer information by voice input.

- You are separately charged a packet communication fee. You are advised to subscribe to Pake-hodai, Pake-hodai full or Pake-hodai double for using this software program.
- If you delete this software program and then when you want to resume it, download it from "エリアー周辺情報— (i-area -Area Information-)".
- This software program is not available when the mode of 2in1 is set to B Mode.
- Note that we are not held responsible for the accuracy and promptness of the map and route information.
- While driving, ensure that a person other than the driver operates this application program.
- This software program supports motion tracking.
- See page 327 for details on operations.

## Start! iウィジェット (Start! i-Widget)

"Start! iウィジェット (Start! i-Widget)" is an application program that enables you to watch how to use i-Widget through a movie.

Further, you can access the i-mode site where you can download application programs other than the ones stored in the FOMA terminal.

- You are charged a packet communication fee when you select "ダウンロード (Download)" and access i-mode.



※ The display is for reference.  
The actual one may differ.

## マクドナルド トクするアプリ (McDonald's TOKUSURU KEITAI application)

You can quickly check the attractive information such as McDonald's new products. You can download “かざすクーポン (Coupon for scanning)”, the discount coupon usable in McDonald's shops.

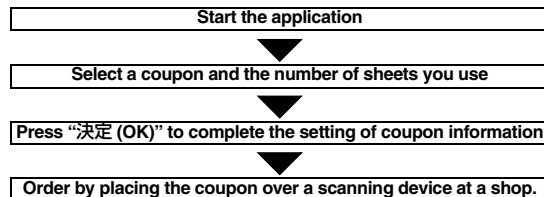
Before using “かざすクーポン (Coupon for scanning)”, you need to subscribe on “トクするケータイサイト (TOKUSURU KEITAI site)”. Then, select/set your favorite coupon from the application, and place it over a scanning device at a McDonald's shop.

- For the information about “マクドナルド トクするアプリ (McDonald's TOKUSURU KEITAI application)”, refer to “トクするケータイサイト (TOKUSURU KEITAI site)”, the McDonald's official site (in Japanese only).

i-mode site: ☰ Menu → メニューリスト (Menu List) → グルメ/レシピ (Gourmet/Recipe) → マクドナルド ☰ トクする (McDonald ☰ TOKUSURU)

- “かざすクーポン (Coupon for scanning)” is not available at the shops in some area. In those areas, “見せるクーポン (Coupon for showing)” is available.
- Even if you have not subscribed to “トクするケータイサイト (TOKUSURU KEITAI site)”, you can browse “おすすめ情報 (Recommendation news)”.
- The functions and service contents of “マクドナルド トクするアプリ (McDonald's TOKUSURU KEITAI application)” are subject to change.
- You are separately charged a packet communication fee.

### <How to use “かざすクーポン (Coupon for scanning)”>



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※ The display is for reference.  
The actual one may differ.

## ■ Widget appli Supported (See page 309)

When McDonald's “おすすめ情報 (Recommendation news)” is updated, the McDonald's signboard of Widget appli turns around to tell you the update.

When you select the signboard, “おすすめ情報 (Recommendation news)” is displayed.

You can read more detailed information by pressing “もっと詳しく (More detail)” in “おすすめ情報 (Recommendation news)”.



## iWウォッチ (iW Watch)

“iWウォッチ (iW Watch)” application provides you the enjoyable graphical watch on i-Widget.

You can change the design and color according to your taste.



※ The display is for reference.  
The actual one may differ.

## 株価アプリ (Stock Prices Application)

“株価アプリ (Stock Prices Application)” enables you to easily check stock prices on i-Widget.

The stock prices index you can check are: Nikkei225, TOPIX, and Hercules index.

You can check the present index value and its up/down from the day before.

You can switch the charts among “日中足 (intraday)”, “日足 (daily)”, “週足 (weekly)”, and “月足 (monthly)”.

- You need to agree with “利用規約 (Usage rules)” when you use this program for the first time.
- You are separately charged a packet communication fee.
- The present index value is the information with a delay of about 20 minutes.
- The information from this application program is not for buying/selling stocks nor for supporting them.
- We take all possible measures to ensure the contents of information of this application program, but this does not provide guarantees to the contents. Note that we at DOCOMO and the Information Provider cannot be held responsible for the loss due to the information from this application program.

## Googleモバイル (Google Mobile)

“Googleモバイル (Google Mobile)” is a useful application program that enables you to use the mobile web search function. You can easily enter the trendy words and keywords you entered in the past. You can easily call up the helpful Google services such as Mail Service (Gmail) and Train Route Search.

- You are separately charged a packet communication fee.

Type of index  
(Nikkei225/TOPIX/  
Hercules index)

Chart  
Present index  
value

Change of index



※ The display is for reference.  
The actual one may differ.

## FOMA 通信環境確認アプリ (FOMA Communication Environment Check Application)

“FOMA 通信環境確認アプリ (FOMA Communication Environment Check Application)” enables you to check whether the FOMA terminal is available at the FOMA High-Speed Area.

- Use “FOMA 通信環境確認アプリ (FOMA Communication Environment Check Application)” with your consent to “ご利用の注意 (Cautions in use)”.
- Depending on the communication environment (such as weather, radio wave conditions, network congestion state) at communication environment check, the different result or “out of service” might appear even in the same area or at the same period of time.
- You might not be able to check correctly if you use another function while using this application program.



※ The display is for reference.  
The actual one may differ.

< i-appli Settings >

## Setting i-appli

1 MENU ▶ i-appli ▶ i-appli settings  
▶ Do the following operations.

Auto start setting	See page 305.
Disp. software info	See page 291.
i-Widget roaming set.	See page 311.
i-Widget sound effect	See page 311.

### i-appli call settings

i-appli call DL set.	See page 307.
i-appli call sound	See page 307.



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※ The display is for reference.  
The actual one may differ.

<b>Preferred tone</b>	You can set which sound to be output preferentially, from MUSIC/1Seg or i- $\alpha$ ppli program, for when you start an i- $\alpha$ ppli program during music playback or use of 1Seg. ▶ <b>MUSIC/1Seg</b> or <b>αppli</b>
<b>αBacklight</b>	You can set the backlight operation for when an i- $\alpha$ ppli program is running. ▶ <b>Select an item.</b> <b>Depend on system</b> . . . . Follows the setting of "Backlight". <b>Depend on software</b> . . . Follows the setting of each software program. <b>Constant light</b> . . . . . Lights constantly.
<b>αVibrator</b>	You can set the vibrator operation for when an i- $\alpha$ ppli program is running. ▶ <b>Depend on system or Depend on software</b> <b>Depend on system</b> . . . . Does not work regardless of the setting of "Vibrator". With some software programs, the vibrator works. <b>Depend on software</b> . . . Follows the setting of each software program.
<b>Check settings</b>	You can check each of " αppli settings".

### Information

<αBacklight> <αVibrator>

- With some software programs, the backlight and vibrator settings are "OFF". Consequently, if you set "Depend on software", the backlight and vibrator will not work; if you want them to work, set "Depend on system".

## Starting i- $\alpha$ ppli Automatically

You can make an i- $\alpha$ ppli program start automatically at the set date and time. Set the date and time for automatic start using Auto Start Time.

### Auto Start Setting

You can set whether to enable automatic start of i- $\alpha$ ppli programs.

- ▶ i- $\alpha$ ppli ▶ αppli settings ▶ Auto start setting  
▶ ON or OFF

### Auto Start Time

You can set the date and time for automatic start. You can set for up to three software programs.


- Software list** ▶ ( **FUNC** ) ▶ Auto start time
- Put a check mark for an item to be set** ▶ ( **Finish** )  
**Time interval set** . . . . Starts at an interval specified by the software program. The setting is completed.  
**Start time set** . . . . . Starts at the set start time automatically.
- Select start time** ▶ Enter the date and time to be set.
- 1 time** ▶ Select a type of repeat.  
• If you select "Weekly", put a check mark for days of the week to be set and press ( **Finish** ).
- Press ( **Finish** ).

### Auto Start Info

You can check whether a software program has started automatically and properly. Also, you can check the information of start failure from IC card. Up to three records of automatic start, a record of automatic start set by i- $\alpha$ ppli, and a record of start failure from IC card are stored.

- ▶ i- $\alpha$ ppli ▶ αppli info ▶ Auto start info  
**StartO** . . . . Started automatically and properly.  
**StartX** . . . . Did not start automatically.  
When "**Start**" is displayed, you can press ( **Start** ) to start the software program.  
**Start-** . . . . Has not started yet.

## Information

- Software programs do not start automatically in the following cases:
  - When the FOMA terminal is turned off
  - When the date and time are not set
  - When another function is working
  - During Lock All
  - During Personal Data Lock
  - During playback of animations/Flash movies
  - When the time set for automatic start is identical to the reserved time set for "Software update", or the time set for an alarm of "Alarm", "Schedule", "ToDo", "TV timer", or "Timer recording"
  - When a start time has been specified to the same software program within 10 minutes from the previous auto-start
- If automatic start fails, " " appears on the desktop. Select the icon to show the Auto Start Info.

## Using i-oppli Call

With the i-oppli call function, you can call up your friends on the i-oppli program to have online matches and to share the information with them.

- With i-oppli calls, you are called up in two ways; directly by your friend or by the IP (Information Service Providers).
  - Rejecting all i-oppli calls is also available.
- For details, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

## Send i-oppli Calls to Call up Members

**1** While an i-oppli program which supports i-oppli call is running ▶ Make an i-oppli call ▶ YES

- The operation differs depending on the i-oppli program.

## Receive i-oppli Calls

When an i-oppli call comes in, the i-oppli call ring tone sounds and the confirmation display appears asking whether to answer it.





**1** The i-oppli call confirmation display appears


▶ Select an item.

**Accept** . . . . . Answers the i-oppli call. The target i-oppli program starts.

**Reject** . . . . . Rejects the i-oppli call.

**Hold** . . . . . Holds the i-oppli call. " " appears at the top of the display, and

" " appears on the desktop. Press , highlight " " and press  to show the i-oppli call logs.

- Some i-oppli calls activate the i-oppli program without showing the confirmation display.
- When you answer an i-oppli call, you might be charged a packet communication fee.
- While a display other than the Stand-by display is shown, only " " tells you the arrival of i-oppli calls.
- When the target i-oppli program is already running, the operation varies depending on the i-oppli program.

**When the target i-oppli program is not found on the FOMA terminal when you select "Accept"**

The confirmation display might appear asking whether to download the target i-oppli program or to access a site. Select "YES" to download it or to access the site. Select "NO" to return to the Stand-by display. In this case, "Accept" is recorded on the i-oppli call log.



## Check i-appli Call Logs


Up to 30 received i-appli calls are recorded in i-appli call logs, and you can check how they were replied.

- After 30 i-appli calls are received, the older log is automatically deleted from the oldest one, but the logs for the held i-appli calls are not deleted. (If 30 logs are all for the held calls, they are deleted.)

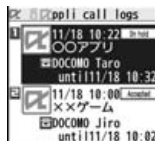
### 1 MENU ▶ i-appli ▶ appli call logs

- On hold : Held i-appli calls (not replied)
- Accepted : Answered i-appli calls
- Rejected : Rejected i-appli calls
- Expired : Expired i-appli calls

- Highlight a log for a held i-appli call and press

 (Start) to show again the confirmation display for the i-appli call. (See "Receive i-appli Calls" on page 306)

- To delete i-appli call logs, press  (FUNC), select "Delete this" or "Delete all", and then select "YES". When you select "Delete all", you need to enter your Terminal Security Code.



## Setting i-appli Call

### Software Setting (i-appli Call)

You can set whether to allow each i-appli program to start from i-appli calls. When you set to "OFF", you cannot receive i-appli calls for the set i-appli program.

### 1 Software list ▶ (FUNC) ▶ Software setting ▶ appli call ▶ Select an item ▶ (Finish)

ON . . . . . Allows to start i-appli programs from i-appli calls.

OFF . . . . . Does not start i-appli programs from i-appli calls.

- Even if you set to "OFF", it might not become valid depending on the i-appli program.

## i-appli Call Download Setting

You can set whether to reject the i-appli download notice for when a target i-appli program for i-appli calls is not found.

### 1 MENU ▶ i-appli ▶ appli settings ▶ appli call settings ▶ appli call DL set. ▶ Reject or Not reject

## i-appli Call Sound

You can set the operation for when an i-appli call is received.

### 1 MENU ▶ i-appli ▶ appli settings ▶ appli call settings ▶ appli call sound ▶ Do the following operations.

Select ring tone	▶ Select a folder ▶ Select a ring tone. • While selecting a ring tone, you can check the selected tone.
Ring time setting	You can set a ring time for i-appli call ring tone. ▶ Enter a ring time (seconds). • Enter two digits from "00" through "30".
Select vibrator	▶ Select a vibration pattern. • If you select "Melody linkage", the FOMA terminal vibrates in time with ring tone. • While selecting a vibration pattern, you can check the selected vibration.
Select illumination	▶ Select an item. • While selecting an item, you can check the lighting/flickering of the Call/Charging indicator.

## Operating i-oppli Stand-by Display

### Software Setting (Stand-by Set)

You can set an i-oppli program for the Stand-by display. Once set, the i-oppli Stand-by display automatically appears each time you show the Stand-by display.

- 1 Software list ( FUNC ) Software setting  
 ▶ Stand-by set ▶ ON or OFF ( Finish )

"" is displayed for the software program set as the Stand-by display.

"" or "" is displayed while an i-oppli Stand-by display is running.

### To operate an i-oppli program as a normal i-oppli program when an i-oppli Stand-by display is running

From the i-oppli Stand-by display, press .

"" or "" changes to a blinking "" or "" and then you can operate the i-oppli program as a normal one.

- To return to the i-oppli Stand-by display, press and hold for at least one second or press ; then select "Ended". To release the i-oppli Stand-by display, select "Terminated", and select "YES".

#### Information

- If you turn off the FOMA terminal while the i-oppli Stand-by display is running, the confirmation display appears asking whether to start the i-oppli program when you turn on the power again.
- You can set only one software program for the i-oppli Stand-by display.
- Some i-oppli programs cannot be set for the Stand-by display.
- With some software programs set as the i-oppli Stand-by display, you can press a key to go from the normal i-oppli status to the i-oppli Stand-by display status. However, you cannot return to the i-oppli Stand-by display if another menu function is running.
- Note that you might not be able to receive timely information if you have set "Stand-by net" of "Software setting" to "OFF".
- You cannot use the Web To function and the Phone To/AV Phone To function from the i-oppli Stand-by display.
- If the software program which connects to the network is set for the i-oppli Stand-by display, it might not operate successfully because of radio wave conditions or other factors.

#### Information

- When you show the Stand-by display while a menu function is operating, the image set for "Stand-by display" of "Display setting" is displayed, even when the i-oppli Stand-by display is set.
- When the communication is extremely frequent in a certain period of time while an i-oppli program is running as the i-oppli Stand-by display, the confirmation display appears. When you press , the confirmation display appears asking whether to continue communication.
- If you set Lock All or Personal Data Lock when the i-oppli Stand-by display is shown, the i-oppli Stand-by display will end. If you set Lock All, the image set for "Stand-by display" of "Display setting" will be displayed and if you set Personal Data Lock, the default Stand-by display will be displayed. The i-oppli Stand-by display will return when you release each lock.

### Software Setting (Stand-by Net)

You can set whether to permit communication for when the i-oppli Stand-by display is running.

- 1 Software list ( FUNC ) Software setting  
 ▶ Stand-by net ▶ ON or OFF ( Finish )

### End Stand-by Display

You can temporarily end the running i-oppli Stand-by display. Also, you can release the i-oppli Stand-by display.

- 1 ▶ Set./Service ▶ Display ▶ Display setting  
 ▶ Stand-by display ▶ End i-oppli display  
 ▶ End or Terminate


- When you select "Terminate", select "YES".

## End Stand-by Info

When the i-appli Stand-by display does not end successfully, you can check the date/time and its reason.

### 1 i-appli appli info End stand-by info

• When "FUNC" is displayed on the End Stand-by Info display, press

 (FUNC), and select "Copy info" to copy the information. Select "Delete info", and select "YES" to delete the information.

## < appli Data >

## Displaying i-appli Data Files on the microSD Card

Depending on the i-appli program, you can save its data files on the microSD card.


You can display the i-appli data files saved on the microSD card.

### 1 i-appli appli(microSD) appli data

## Function Menu while i-appli Data File is Displayed

Folder info	You can display the information of the software program that uses the selected folder, available/unavailable for folder usage, and the reason if unavailable.
Delete folder	You can delete the selected folder and files in the folder. ▶ Enter your Terminal Security Code ▶ YES

## i-Widget

i-Widget is a useful function that enables you to access the frequently-used contents such as the calculator, clock, and stock price information (Widget appli) by pressing the i-Widget key (). You can add Widget appli programs by downloading from sites offered by IPs (Information Providers). (See page 290)  
Also, you can paste multiple (up to eight) Widget appli programs to the i-Widget display to customize it to your taste.

- Multiple Widget appli programs might communicate when you show the i-Widget display.
- You are separately charged a packet communication fee for downloading Widget appli programs or showing the i-Widget display.
- As for overseas use, you are charged a packet communication fee each time a Widget appli program communicates (The domestic toll free service does not apply).
- For details on i-Widget, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

### ■ Widget appli list

ファミリー伝言板 (Family Message Board)	See page 301
時刻表ウィジェット (Timetable Widget)	See page 301
楽オク☆アプリ (Rakuoku ☆ Application)	See page 302
地図アプリ (Map Application)	See page 302
Start! i ウィジェット (Start! i-Widget)	See page 302
マクドナルド トクするアプリ (McDonald's TOKUSURU KEITAI application)	See page 303
iWウォッチ (iW Watch)	See page 303
株価アプリ (Stock Prices Application)	See page 304
Googleモバイル (Google Mobile)	See page 304

## Using i-Widget

### Start i-Widget

After starting i-Widget, you can simultaneously start multiple Widget appli programs. You can show the multiple running Widget appli programs on the i-Widget display.

#### 1 Press CLR.

i-Widget starts.

When any Widget appli program is running, the i-Widget display is displayed. When no Widget appli program is running, the Widget appli list is displayed.

- You can start i-Widget also by selecting a Widget appli program from the Software list.

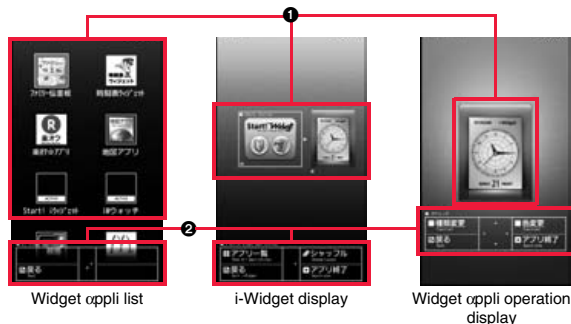


i-Widget display

### Information

- With i-Widget, you can simultaneously start and show up to eight Widget appli programs. When you switch Widget appli programs to be displayed while eight Widget appli programs are running, end an unwanted Widget appli program and then start another one from the Widget appli list. See page 311 for ending a Widget appli program.
- If you have not operated for three minutes from the Widget appli list or i-Widget display, the Stand-by display automatically returns. The Stand-by display does not automatically return from the Widget appli operation display.
- Even if you end i-Widget while a pre-installed Widget appli program is running and change the UIM or initialize the FOMA terminal, the Widget appli program does not end and remains running as launched from i-Widget.

### About i-Widget display



#### ① Widget appli display

On the Widget appli list, all Widget appli programs are displayed and "ACTIVE" is displayed for the running Widget appli program.

On the i-Widget display/Widget appli operation display, each application program is shown in running state.

- : Widget appli
- : i-appli DX compatible Widget appli
- : Widget appli for communication
- : GPS compatible Widget appli
- : Osafu-Keitai compatible Widget appli
- : Downloaded from an SSL page

#### ② Navigation display

Navigation that corresponds to the key operation is displayed.

### Shuffle i-Widget



You can change the position of Widget appli programs on the i-Widget display. You cannot specify each position as it is automatically changed.

#### 1 i-Widget display ▶ [シャッフル (Shuffle)]

## End i-Widget

You can end i-Widget to return to the Stand-by display.

### 1 Widget appli list/i-Widget display/Widget appli operation display ▶

- You can return to the Stand-by display also by pressing  or  [戻る (Return)] from the i-Widget display.
- For the Widget appli operation display, the confirmation display appears asking whether to finish it.

## Setting i-Widget

### i-Widget Roaming Setting

You can set whether to communicate via i-Widget overseas.

### 1 ▶ i-appli ▶ appli settings ▶ i-Widget roaming set. ▶ ON or OFF

#### Information

- When you arrive at a destination overseas, the setting changes to "OFF" and the confirmation display appears when you start i-Widget.

### i-Widget Sound Effect

You can set whether to sound an effect tone at the start of i-Widget.

### 1 ▶ i-appli ▶ appli settings ▶ i-Widget sound effect ▶ ON or OFF

#### Information

- The effect tone at the start of i-Widget sounds at the volume set for "Phone" of "Ring volume". It sounds at Level 2 when "Step" is set.



## <Start Widget appli>

## Starting Widget appli

### 1 Widget appli list

#### ▶ Select a Widget appli program to be started.

You can show the Widget appli operation display.

- You can start a Widget appli program also by selecting it from the Software list.
- You can show the Widget appli operation display also by selecting a running Widget appli program.
- You can show the i-Widget display by pressing  or  [戻る (Return)] from the Widget appli operation display.

### End Widget appli


### 1 i-Widget display/Widget appli operation display

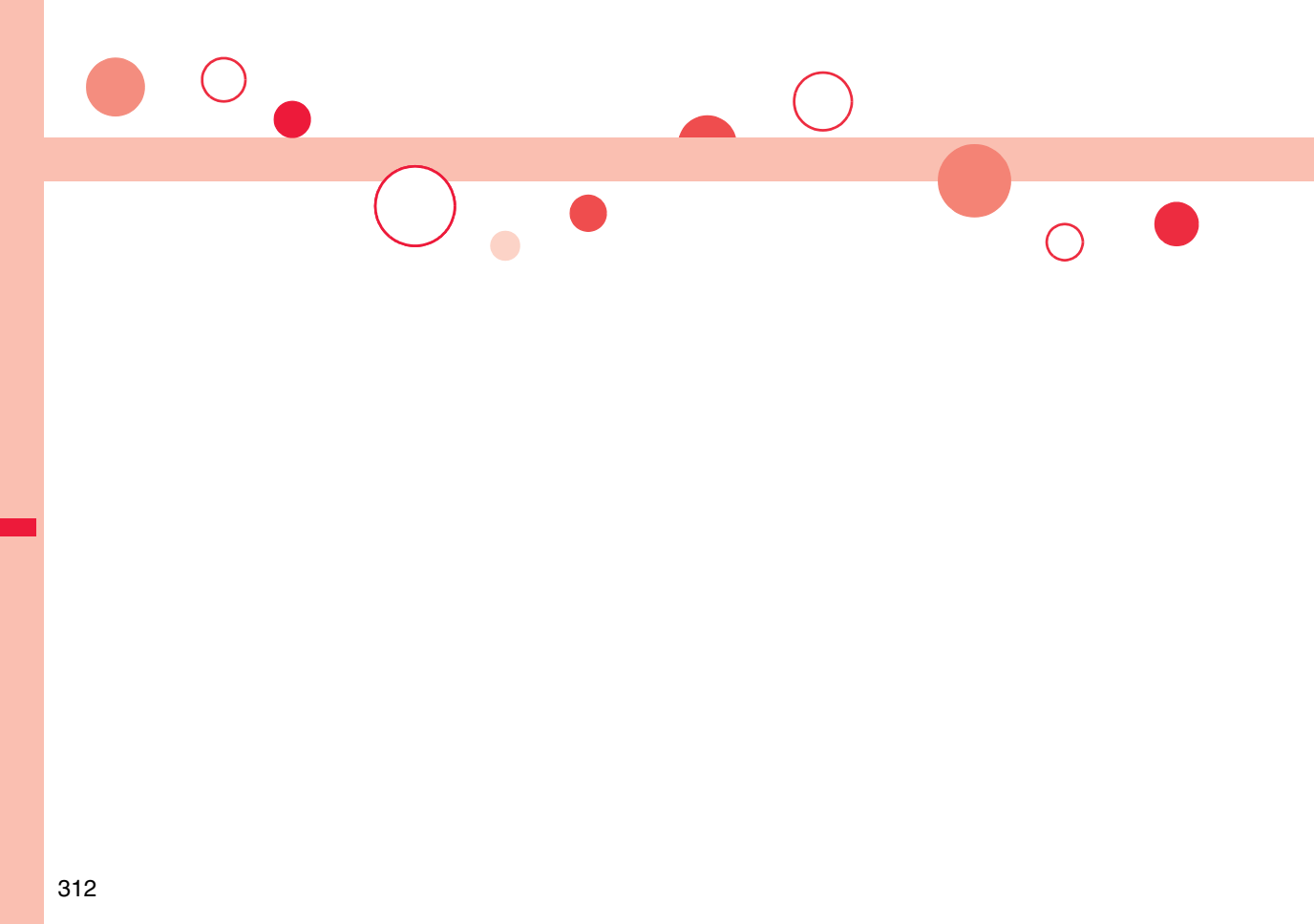
#### ▶ Highlight a Widget appli program to be ended and press [アプリ終了 (END Widget appli)] ▶ YES

### End Widget Appli Inf

When a Widget appli program does not end successfully, you can check the date/time and its reason.

### 1 ▶ i-appli ▶ appli info ▶ End Widget appli inf

- When "FUNC" is displayed on the End Widget appli Inf display, press  (FUNC), and select "Copy info" to copy the information. Select "Delete info", and select "YES" to delete the information.



# Osaifu-Keitai/ToruCa

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## Osaifu-Keitai

Osaifu-Keitai is the function that enables you to save points and tickets as well as bills and changes to the mobile phone.

Osaifu-Keitai mounts the IC card, so you can make payment and others just by placing the FOMA terminal over the scanning device in a shop.

Further, you can use communications to deposit electronic money or to check your account for balance or usage histories. Security is fully secure<sup>\*1</sup> so that you can make use with a sense of security.

For details on Osaifu-Keitai, refer to “Mobile Phone User’s Guide [i-mode] FOMA version”.

● To use the Osaifu-Keitai compatible service, you need to download the Osaifu-Keitai compatible i-appli program from the Osaifu-Keitai compatible site<sup>\*2</sup> (in Japanese only) to make the settings.

※1 You can use Omakase Lock and IC Card Lock. (See page 125 and page 316)

※2 ⑤ Menu→メニューリスト (Menu List)→おサイフケータイ (Osaifu-Keitai)

● Data on the IC card (including electronic money, reward points, etc.) might be lost or deformed owing to the malfunction of the FOMA terminal. (When we keep your FOMA terminal for repair, we cannot keep it with data files left, so the data files shall be deleted beforehand by yourself as a rule.) For supports such as reissue, restoration, temporary storage, or transfer of data files, consult the service provider which supports Osaifu-Keitai, except for the data transfer by iC transfer service. For your important data files, be sure to use the service with backup support.

● In any case including malfunction or model change, we cannot be held responsible for the loss or deformation of data on the IC card or other losses caused regarding Osaifu-Keitai compatible services.

● If your FOMA terminal is stolen or lost, inquire of the provider for Osaifu-Keitai compatible service you use about ways of dealing with the trouble, immediately.

## iC Transfer Service

iC transfer service<sup>\*1</sup> is the service for moving<sup>\*2</sup> a package of data files<sup>\*3</sup> on the IC card of your Osaifu-Keitai to your new Osaifu-Keitai when you replace your Osaifu-Keitai such as at the time of phone model change or malfunction.

After moving data files on the IC card, just download<sup>\*4</sup> an Osaifu-Keitai compatible i-appli program, and then you can use the Osaifu-Keitai services continuously. iC transfer service is available at the service counters such as a nearby docomo shop.

For details on iC transfer service, refer to “Mobile Phone User’s Guide [i-mode] FOMA version”.

※1 Both the transferring end and transferred end have to be the FOMA terminal that supports iC transfer service. Visit a nearby counter such as a docomo shop to use iC transfer service.

※2 This service is not for “copying” but for “moving” data files, so no data files on the IC card remain in the FOMA terminal at the transferring end. iC transfer services is not available for some cases, so use backup services for Osaifu-Keitai compatible services.

※3 Some Osaifu-Keitai compatible services do not cover iC transfer service, and you can move only the files on the IC card of the Osaifu-Keitai compatible service that covers iC transfer service.

※4 You are charged a packet communication fee for downloading i-appli programs and respective settings.



## Starting Osaifu-Keitai Compatible i-oppli

### Read and Write Data inside the IC Card

You can start the Osaifu-Keitai compatible i-oppli from the Software list. By using Osaifu-Keitai compatible i-oppli, you can read/write the data inside the IC card and use convenient functions such as depositing electronic money or checking your account for the balance and usage details on the mobile phone.


- Take care of your Terminal Security Code and password used for each service not to reveal to anyone.
- When you start or download the Osaifu-Keitai compatible i-oppli program for the first time, the message "Use IC card for current UIM?" appears. When you select "YES", you cannot use the IC card function afterward unless you insert the same UIM. To use the IC card function with another UIM, delete all the information of the IC card by "Change IC owner", and then delete all the Osaifu-Keitai compatible i-oppli programs other than "iD 設定アプリ (iD Setting Application)". Otherwise, you cannot use it.
- Reading and writing data from the software program and to the IC card is suspended in the following cases:
  - In that case, the read or written data is discarded. The operation after the communication ends differs depending on the service you use.
  - When a call comes in while an i-oppli program is running
  - When the battery goes flat


### 1 MENU ▶ Osaifu-Keitai ▶ IC card content

The list of the Osaifu-Keitai compatible i-oppli programs is displayed. When you select an i-oppli program, it starts up.

- See page 291 for the Software list.

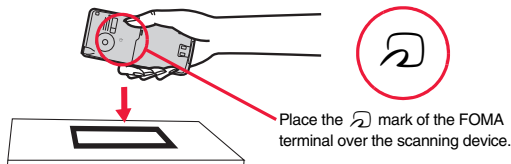
### Use Osaifu-Keitai

Place the  mark of the FOMA terminal over the scanning device, and you can use the FOMA terminal as electronic money to pay for shopping or to use it as a traffic ticket. This function is available without starting the software program.



- Even during a call or i-mode access, you can use Osaifu-Keitai by placing the  mark over the scanning device.

### 1 Place the mark of the FOMA terminal over the scanning device to use the target service.

- The Call/Charging indicator lights when you bring your FOMA terminal close to a scanning device and communication becomes ready.



### Information


- Mount the battery pack to use Osaifu-Keitai. Even when the power is turned off or when the battery has gone flat, you can use Osaifu-Keitai by placing the  mark over the scanning device, however, you cannot start the Osaifu-Keitai compatible i-oppli. You might not be able to use Osaifu-Keitai if you have left the battery unused for a long period or not charged it after the low battery alarm sounds. Charge the battery.
- When the  mark of the FOMA terminal placed over the scanning device is not identified, slightly move the mark forwards, backwards, to left, or to right.
- Osaifu-Keitai compatible i-oppli might start when you place the FOMA terminal over the scanning device.

## Locking IC Card Function

To prevent the IC card function from being used by others, you can set the Osaifu-Keitai, received ToruCa, or IC communication disabled.

- If the battery runs out while IC Card Lock is set, the IC card stays locked.

### 1 Press and hold for at least one second.

" On" appears and IC Card Lock is set.

- To release IC Card Lock, perform the same operation and enter your Terminal Security Code. When Timer Lock ON At Close is set, the display for releasing IC Card Lock appears also by opening the FOMA terminal.

When you set "PIM/IC security mode" to "Face reader", follow the operation of "Use Face Reader to Release Lock" on page 130.

When you set it to "Double security", enter your Terminal Security Code after the operation on page 130.

## IC Lock (Power-off)

You can set whether to lock the IC card function while the power is turned off.

### 1 ▶ Set./Service ▶ Lock/Security ▶ Lock setting

OR

 ▶ Osaifu-Keitai ▶ IC card lock set.

### 2 IC lock (power-off)

▶ Enter your Terminal Security Code ▶ Select an item.

Setting before OFF . . . . Follows the setting just before turning off the power.

Lock . . . . . Sets IC Card Lock.

## Checking Owner Information of IC Card

You can check whether IC owner information required for using the IC card is consistent with the information of the currently inserted UIM.

### 1 ▶ Osaifu-Keitai ▶ Check IC owner

- When the UIM differs from the stored one, select "Change" and reset the data on the IC card, and then you can newly store the UIM information.

## Change IC Owner

You can reset the IC owner information by deleting data on the IC card. After resetting, you can newly register information of currently inserted UIM.

- When you initialize the IC owner information, the Osaifu-Keitai compatible i-ϕpli programs except "ID 設定アプリ (iD Setting Application)" are deleted. However, they might not be deleted depending on your usage state, so you need to delete them separately.

### 1 ▶ Osaifu-Keitai ▶ Change IC owner ▶ Reset ▶ YES ▶ Enter your Terminal Security Code ▶ YES

## ToruCa

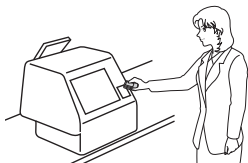
ToruCa is an electronic card that you can receive with Osaifu-Keitai for use as fliers, restaurant cards, and coupon tickets.

You can receive ToruCa files from scanning devices or sites and can easily exchange them using mail, infrared ray, or a microSD card.

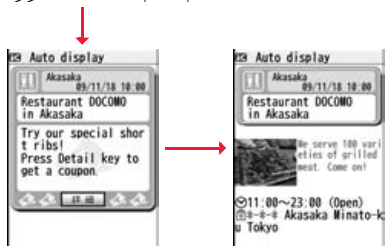
The received ToruCa files are saved to "ToruCa" of "Osaifu-Keitai".

- For details on ToruCa, refer to "Mobile Phone User's Guide [i-mode] FOMA version".

## ■Flow for using ToruCa

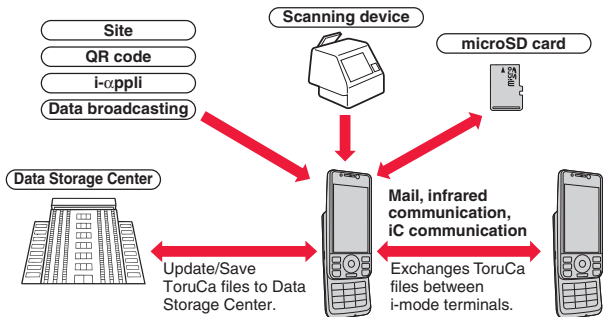


Place your Osaifu-Keitai over a scanning device to receive a ToruCa file.



You can view more detailed information by using “詳細 (Details)” key.

## ■Sources of ToruCa files



## <Receive ToruCa Files>

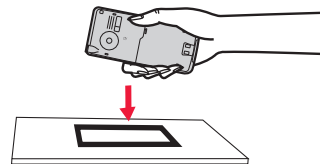
# Receiving ToruCa

## Receive from Scanning Device

You can receive the ToruCa file from a scanning device using the IC card function. By receiving detailed information, a ToruCa file becomes a ToruCa file (details) which has more pieces of information.

- For a ToruCa file (details), you can download up to 100 Kbytes per file, and for a ToruCa file before receiving the details, you can download up to 1 Kbyte per file.

- 1 Place the mark of the FOMA terminal over the scanning device.



## When a ToruCa file is received

A ToruCa-received tone sounds, the Call/Charging indicator lights.

- When “Recv. ToruCa display” is set to “ON”, detailed display of received ToruCa file appears.
- For a ToruCa file before receiving detailed information, the confirmation display appears asking whether to connect to a site to download detailed information. Select “YES” to display a ToruCa file (details) with detailed information received. Select “NO” to display a ToruCa file without detailed information.
- If no keys are pressed for about 15 seconds or “Recv. ToruCa display” is set to “OFF”, “New” appears on the desktop. Press , highlight “New”, and press (Select); then the ToruCa File list appears.

## About Auto-reading Function of ToruCa

If you set "Auto reading ToruCa" to "Accept" to use the ToruCa files by placing the FOMA terminal over the scanning device, the available ToruCa files are automatically recognized. The used ToruCa files are converted into "Used" and then moved to the "Used ToruCa" folder. Up to 20 used ToruCa files are saved, and when the number of the files exceeds 20, the files are deleted from the one downloaded at the oldest date.

- Even if "Auto reading ToruCa" is set to "Reject", the confirmation display might appear asking whether to use "Auto reading ToruCa" when you place the FOMA terminal over the scanning device. To use ToruCa files, select "YES", and then set "Auto reading ToruCa" to "Accept".

### Information


- When you fail to receive a ToruCa file, the ToruCa failed-to-received tone sounds, and the Call/Charging indicator lights.
- A ToruCa-received tone and a ToruCa failed-to-receive tone sound at the volume set for "Phone" or "Ring volume".
- Depending on the settings by IPs (Information Providers), you might not be able to update ToruCa files or send them by mail or infrared rays.

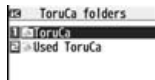
## <ToruCa Viewer>

# Displaying ToruCa

You can display ToruCa file received by the IC card function or from sites or mail.

- 1  **Osaifu-Keitai** ▶ **ToruCa**  
▶ **Select a folder.**

- Each time you press  from the ToruCa Folder list, you can switch folders between the FOMA terminal and the microSD card.
- When the folder contains unread ToruCa files, "NEW" appears.



ToruCa Folder list

- 2 **Select a ToruCa file.**

## When receiving detailed information from a ToruCa file

A ToruCa file before receiving detailed information itself does not show the detailed information. Select "詳細 (Details)" on the ToruCa file display and select "YES" to connect to the site to receive more detailed information.

After receiving the detailed information, the ToruCa file is overwritten and saved.




### Information

- You are charged the ordinary packet fee for receiving.


## Function Menu of the ToruCa Folder List

### Operate folder

<b>Add folder</b>	You can create a user folder. You can create up to 20 folders. ▶ <b>Enter a folder name.</b> <ul style="list-style-type: none"><li>● You can enter up to 10 full-pitch/20 half-pitch characters for the FOMA terminal.</li><li>● You can enter up to 31 full-pitch/63 half-pitch characters for the microSD card.</li></ul>
<b>Edit folder name</b>	You can edit the folder name for the user folder. ▶ <b>Enter a folder name.</b> <ul style="list-style-type: none"><li>● You can enter up to 10 full-pitch/20 half-pitch characters for the FOMA terminal.</li><li>● You can enter up to 31 full-pitch/63 half-pitch characters for the microSD card.</li></ul>
<b>Delete folder</b>	All ToruCa files in the folder are deleted. ▶ <b>Enter your Terminal Security Code</b> ▶ <b>YES</b>

<b>Search all folders</b>	<p>You can search through all ToruCa files in the FOMA terminal (except ToruCa files stored in the "Used ToruCa" folder) by specifying a search condition.</p> <p>▶ <b>Select a search condition.</b></p> <p><b>Genre</b> . . . . . Select a genre.</p> <p>Press  (<b>Detail</b>) to display a list of category icons belonging to the genre.</p> <p><b>Title</b> . . . . . Enter characters to be searched for, from those in the title.</p> <p><b>Index</b> . . . . . Enter characters to be searched for, from those in location data.</p> <ul style="list-style-type: none"> <li>● You can enter up to 20 full-pitch/40 half-pitch characters for the Title search, and up to 10 full-pitch/20 half-pitch characters for the Index search.</li> </ul>
<b>Auto-sort</b>	<p>You can set to automatically sort and save the ToruCa files that satisfy the conditions set to the folder for when you receive them from a scanning device or automatically receive them from data broadcasting while watching a 1Seg program.</p> <p>▶ <b>Select a sorting condition.</b></p> <p><b>Genre</b> . . . . . Put a check mark for the genre to sort into and press  (<b>Finish</b>). You can put it for multiple genres.</p> <p><b>Title</b> . . . . . Enter characters from those in the title, to be a sorting condition.</p> <p><b>Index</b> . . . . . Enter characters from those in the location data, to be a sorting condition.</p> <p><b>Release</b> . . . . . Select "YES" to release the sorting condition you specified.</p> <ul style="list-style-type: none"> <li>● You can enter up to 20 full-pitch/40 half-pitch characters for the Title sort, and up to 10 full-pitch/20 half-pitch characters for the Index sort.</li> <li>● When a sorting condition is already specified for the folder, it is displayed. Press  (<b>FUNC</b>) to set a sorting condition again.</li> </ul>

**Copy**

<b>Copy to microSD</b>	You can copy the ToruCa files together with the folder from the FOMA terminal to the microSD card.
<b>CPY all to microSD</b>	<p>You can copy all the ToruCa files together with the folder from the FOMA terminal to the microSD card.</p> <p>▶ <b>Enter your Terminal Security Code ▶ YES</b></p>
<b>Copy to phone</b>	You can copy the ToruCa files together with the folder from the microSD card to the FOMA terminal.
<b>Copy all to phone</b>	<p>You can copy all the ToruCa files together with the folder from the microSD card to the FOMA terminal.</p> <p>▶ <b>Add or Overwrite ▶ Enter your Terminal Security Code ▶ YES</b></p> <ul style="list-style-type: none"> <li>● When you select "Overwrite", the confirmation display appears telling that the ToruCa files in the FOMA terminal will be deleted.</li> </ul>
<b>Connect to Center</b>	See page 136.
<b>All ToruCa disp.</b>	<p>You can display all the ToruCa files stored in the FOMA terminal.</p> <ul style="list-style-type: none"> <li>● You can display them also by pressing  (<b>All disp</b>).</li> </ul>
<b>Ir/IS transmission</b>	
<b>Send all Ir data</b>	See page 385.
<b>All IS transmission</b>	See page 387.
<b>Memory info</b>	You can display the used memory space (estimate)/the number of saved files.
<b>Delete all</b>	<p>You can delete all the ToruCa files stored in the FOMA terminal.</p> <p>▶ <b>Enter your Terminal Security Code ▶ YES</b></p>
<b>Select storage</b>	<p>You can set a destination folder for when copying from the FOMA terminal to the microSD card.</p> <p>▶ <b>YES</b></p>

## Information

### <Auto-sort>

- “📁” is displayed when the Genre sort is set, “📄” is displayed when the Title sort is set, and “📅” is displayed when the Index sort is set.
- When a file satisfies multiple conditions, it is sorted into the top of the folder in the ToruCa Folder list.

### <Copy to microSD>

- The ToruCa file (details) is copied as a ToruCa file before receiving details if it contains the data file with the UIM security or whose output from the FOMA terminal is prohibited.

### <CPY all to microSD>

- The ToruCa files in the “ToruCa” folder within the FOMA terminal are saved to “SD ToruCa” on the microSD card.

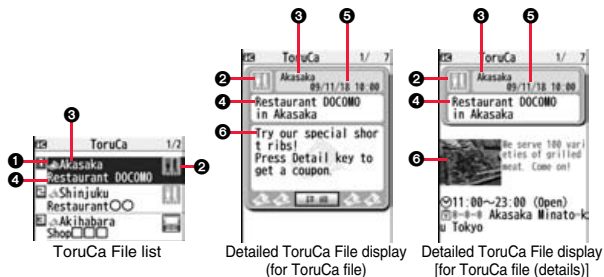
### <Copy all to phone>

- The ToruCa files in “SD ToruCa” on the microSD card are added or overwritten and then saved to the “ToruCa” folder in the FOMA terminal.

### <Select storage>

- “📁” is displayed for the folder set as a destination.
- When you execute Check microSD, or create or edit a folder by using a personal computer, the destination folder on the microSD card might be changed. When the setting is changed, set the destination folder again.

## How to See ToruCa File List/Detailed ToruCa File Display



### 1 State of ToruCa file

	※1 Unread ToruCa file
	Read ToruCa file
	Used ToruCa file
	※2 FOMA terminal incompatible ToruCa file

※1 Does not apply to the ToruCa file downloaded from a site.

※2 Appears for only the ToruCa file on the microSD card.

• “📁” is added to the expired ToruCa file.

• “📄” is added to the ToruCa file whose output from the FOMA terminal is prohibited.

### 2 Category

Displays a category icon that matches the contents of the ToruCa file.

### 3 Index file

Displays the location data of the publisher of the ToruCa file information.

### 4 Title

### 5 Date and time the ToruCa file was received




### 6 ToruCa information

Summary and the “詳細 (Details)” key are displayed for a ToruCa file. Publisher information is displayed for a ToruCa file (details).

## Function Menu of the ToruCa File List/Detailed ToruCa File Display

<b>Attach to mail</b>	You can compose an i-mode mail message with the ToruCa file attached. Go to step 2 on page 142. ● You can compose it also by pressing  ().
<b>Move</b>	▶ <b>Select a destination folder.</b> ● You cannot select the "Used ToruCa" folder.
<b>Search/sort</b>	
<b>Search</b> [List only]	You can search through ToruCa file in the folder by specifying a search condition. ▶ <b>Select a search condition.</b> <b>Genre</b> . . . . Select a genre. Press  ( <b>Detail</b> ) to display a list of category icons belonging to the genre. <b>Title</b> . . . . Enter characters to be searched for, from those in the title. <b>Index</b> . . . . Enter characters to be searched for, from those in location data. ● You can enter up to 20 full-pitch/40 half-pitch characters for the Title search, and up to 10 full-pitch/20 half-pitch characters for the Index search.
<b>Sort</b> [List only]	You can change the order of displayed files. ▶ <b>Select an order.</b>
<b>Copy</b>	
<b>Copy</b>	You can copy the displayed or highlighted ToruCa file to another folder. ▶ <b>Select a destination folder.</b> ● You cannot select the "Used ToruCa" folder.
<b>Copy to microSD</b>	The files are copied to the folder as specified by "Select storage" on page 319.
<b>Copy to phone</b>	You can copy the ToruCa file from the microSD card to the ToruCa folder in the FOMA terminal.

<b>Connect to Center</b> [List only]	See page 136.
<b>ToruCa folders</b> [List only]	You can display the ToruCa folder list. ● You can display it also by pressing  ( <b>Folder</b> ).
<b>Multiple-choice</b> [List only]	You can select multiple ToruCa files and operate them. ▶ <b>Put a check mark for ToruCa files to be selected</b> ▶  ( <b>FUNC</b> ) ▶ <b>Select an item.</b> <b>Move</b> . . . . . See page 321. <b>Copy</b> . . . . . See page 321. <b>Copy to microSD</b> . . . See page 321. <b>Copy to phone</b> . . . . See page 321. <b>Send Ir data</b> . . . . . See page 384. <b>Select all</b> . . . . . Selects all files. <b>Release all</b> . . . . . Releases all selections.
<b>Update ToruCa</b> [Detailed display only]	You can re-receive the information about the ToruCa file. The re-received ToruCa file (details) is automatically overwritten and then saved. ▶ <b>YES</b> ● You cannot update some ToruCa files. ● See page 201 when ToruCa files are stored to the maximum.
<b>Operate image</b>	
<b>Save one image</b> [Detailed display only]	You can save an image displayed on the ToruCa file. ▶ <b>Select an image</b> Go to step 2 on page 199.
<b>Save some images</b> [Detailed display only]	You can save multiple images displayed on the ToruCa file. ▶ <b>Put a check mark for images to be saved</b> ▶  ( <b>Save</b> ) Go to step 2 on page 199.
<b>Save all images</b> [Detailed display only]	Among the images displayed on the ToruCa file, you can save all the images that can be saved at one time. Go to step 2 on page 199.
<b>Save BG image</b> [Detailed display only]	You can save the background image of the ToruCa file and set it for the Stand-by display or Wake-up display. Go to step 2 on page 199.

<b>Retry</b> [Detailed display only]	You can play back an animation image or Flash movie in the ToruCa file from the beginning. <ul style="list-style-type: none"> <li>When a part of the Flash movie is outside the display area, the Flash movie might not be played back.</li> </ul>
<b>Add to phonebook</b> [Detailed display only]	See page 92.
<b>Add desktop icon</b>	See page 31.
<b>Ir/  transmission</b>	
<b>Send Ir data</b>	See page 384.
<b> transmission</b>	See page 387.
<b>Memory info</b> [List only]	You can display the used memory space (estimate)/the number of saved files.
<b>Delete</b>	
<b>Delete this</b> [List only]	▶ YES
<b>Delete selected</b> [List only]	▶ Put a check mark for ToruCa files to be deleted ▶  (Finish) ▶ YES
<b>Delete all</b> [List only]	You can delete all ToruCa files in the folder. ▶ Enter your Terminal Security Code ▶ YES
<b>Delete</b> [Detailed display only]	▶ YES

### Information

#### <Attach to mail>

- The ToruCa file (details) that contains data whose output from the FOMA terminal is prohibited is attached as a ToruCa file before receiving details.
- You might not be able to attach the ToruCa file to i-mode mail depending on its file size.

#### <Copy>

- You cannot copy ToruCa files whose output from the FOMA terminal is prohibited.

### Information

#### <Copy to microSD>

- The ToruCa file (details) is copied as a ToruCa file before receiving details if it contains the data file with the UIM security or whose output from the FOMA terminal is prohibited.
- When the number of files in the destination folder on the microSD card is full, a new folder is automatically created and ToruCa files are saved to that folder. When copying is completed, the message "Storage is changed to XXXXXXXX" (XXXXXXX denotes a folder name) appears.
- The name of copied ToruCa file is TORUCXXX (XXX denotes a numeral).
- When no folder is set as a destination folder on the microSD card, a new folder is created automatically and the file is saved to the folder. After saving, the newly created folder is set as the destination folder.
- You might not be able to execute "Copy to microSD" for the ToruCa file depending on its file size.

#### <Copy to phone>

- You might not be able to execute "Copy to phone" for the ToruCa file depending on its file size.

#### <Operate image>

- The image satisfying the following conditions is saved as a frame or stamp:
  - Transparent GIF file (except animation GIF file)
  - The file extension is "ifm".
  - Images of Stand-by (480 x 854) or smaller
  - Images of Stand-by (480 x 854), VGA (480 x 640), CIF (288 x 352), QVGA (240 x 320), QCIF (144 x 176), or Sub-QCIF (96 x 128) are saved as frames, and other images are saved as stamps.



## Setting ToruCa

### 1 Osaifu-Keitai ▶ Settings ▶ Do the following operations.

<b>Receive ToruCa</b>	You can set whether to receive ToruCa file from a scanning device using the IC card function or from another FOMA terminal via iC transmission. ▶ <b>Accept or Reject</b>
<b>Auto reading ToruCa</b>	You can set whether to have the available ToruCa files automatically recognized for when you place the FOMA terminal over the scanning device. ▶ <b>Accept or Reject</b>
<b>Recv. ToruCa display</b>	You can set whether to display the detailed ToruCa File display when you receive a ToruCa file while the Stand-by display is shown. ▶ <b>ON or OFF</b>
<b>ToruCa from dataBC</b>	You can set whether to receive ToruCa files automatically from data broadcasting while watching a 1Seg program. ▶ <b>Auto receive ON or Auto receive OFF</b>
<b>Check same ToruCa</b>	You can set whether to check the same ToruCa file is already received before receiving a ToruCa file from a scanning device or receiving a ToruCa file automatically from data broadcasting while watching a 1Seg program. ▶ <b>ON or OFF</b> <b>ON</b> . . . Checks and does not receive a new ToruCa file if the same ToruCa file is already received. <b>OFF</b> . . . Does not check. Receives even the same ToruCa file.

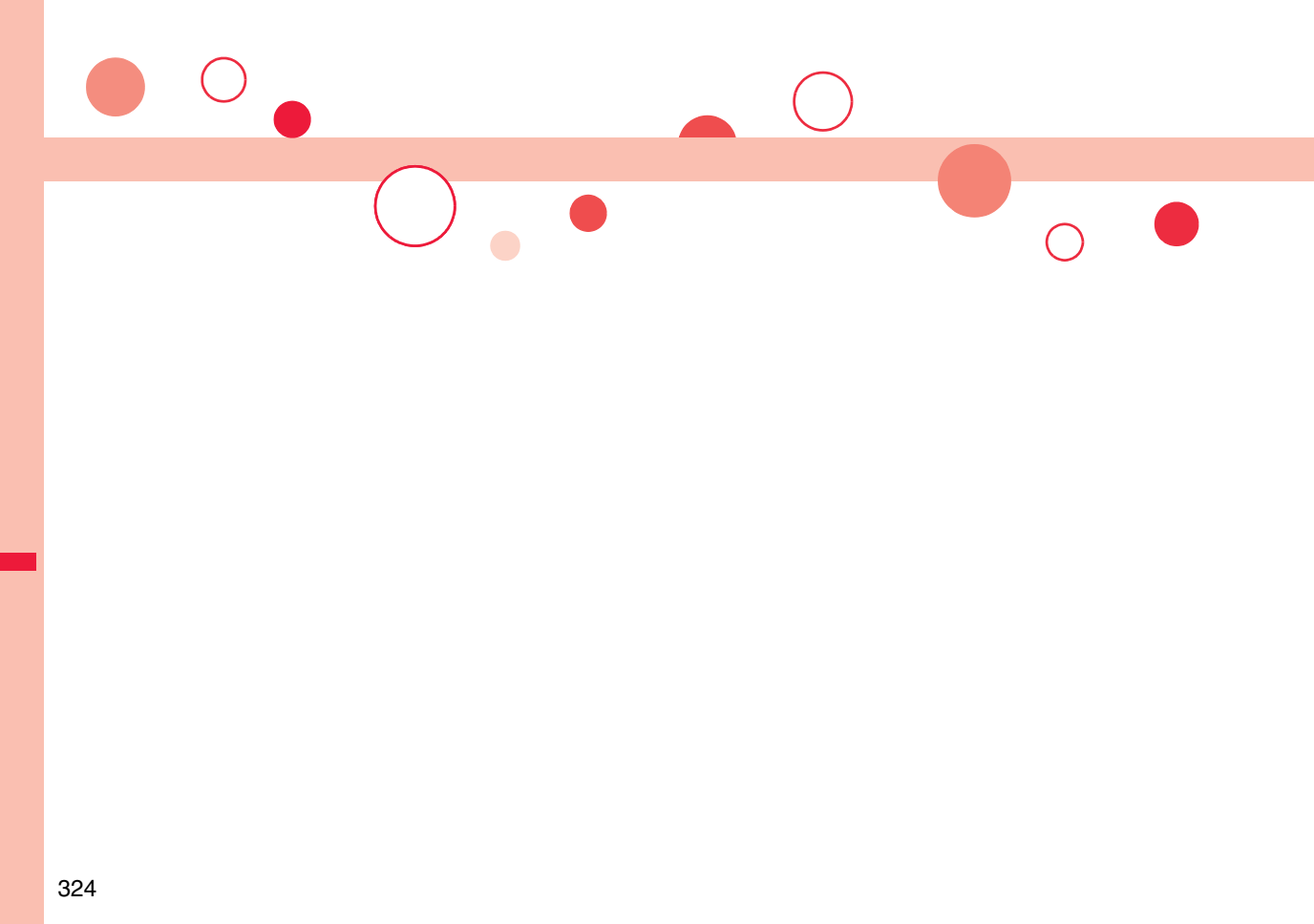
#### Information

##### <Auto reading ToruCa>

● If "Auto reading ToruCa" is set to "Reject", you might not be able to use ToruCa files.

##### <Check same ToruCa>

● The ToruCa files stored in the "Used ToruCa" folder or expired ToruCa files are not included in target files.



# Map/GPS Function

Using GPS Function .....	326
Checking Your Location .....<Position Location>	326
Using Map/GPS Compatible i-cplli .....	327
Providing Location Information on Request ..... <Provide Location>	334
Notifying Location Information. ....<Notify of Location>	335
Displaying History of Checked Location Information .....<Location History>	335
Setting GPS .....	<GPS Settings> 336

## Using GPS Function

- GPS is operated by the United States Department of Defense, so the GPS radio wave conditions might be controlled (accuracy deterioration, radio wave supply suspension, etc.) depending on the defense strategy of the United States Department of Defense.
- Note that we do not take any responsibility for a loss such as pure economic loss resulting from the facts that you have missed the chance to check the measurement (communication) results, which have been caused by external factors such as malfunctions, erroneous operations, troubles, or power failure (including battery shortage) on the FOMA terminal.
- You cannot use the FOMA terminal as a navigating system for aircraft, vehicles, and people. Therefore, note that we are not held responsible for any damage resulting from the use of the location information for navigation.
- You cannot use GPS as a high-accuracy measuring device. Note that we do not take any responsibility for the damage caused by an error in the location information.
- You cannot use the GPS function when the FOMA terminal is out of the service area (or overseas).

### Information

- You cannot use the GPS function in the following cases:
    - During Lock All<sup>※</sup>
    - During Self Mode
    - During Omakase Lock<sup>※</sup>
    - While the UIM is not inserted

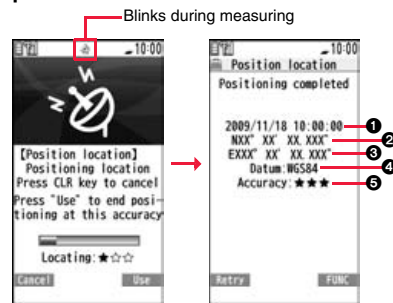
<sup>※</sup>Provide Location is available.
  - As GPS uses radio waves transmitted from the satellites, note that you cannot or might have difficulty to receive radio waves in the following conditions:
    - In a building or right under it
    - In the basement, tunnel, ground, water
    - In a bag or case
    - In densely crowded areas with buildings and houses
    - In densely crowded trees and right under them
    - Close to high-tension wires
    - In a car or train
    - In bad weather such as heavy rain and snow
    - When there are obstacles (persons and articles) around the FOMA terminal.
    - When you cover the displays, keys, microphone, or speakers of the FOMA terminal with your hand.
- In these cases, an error in the obtained location information might become 300 meters or more.

## <Position Location>

### Checking Your Location

You can measure your current location and display it.  
You can display a map and send your location information by mail as well.

#### 1 [MENU] ▶ LifeKit ▶ Map/GPS ▶ Position location



The current location is displayed by the latitude and longitude.

- 1 Measurement date 2 Latitude 3 Longitude 4 Geographic datum  
5 Accuracy

- ★☆☆: Almost accurate location information (Error is about less than 50 meters)
- ★☆☆: Relatively accurate location information (Error is less than about 300 meters)
- ☆☆☆: Approximate location information (Error is about 300 meters or more)

The accuracy is an estimate. It might differ from actual one depending on the radio wave conditions in the surrounding area.

- Press [MENU] (Retry) to measure again in "Quality mode" (see "Positioning mode" on page 336).
- When "Use" is displayed at bottom right of the display during measuring, press [OK] and select "OK" to display the location using the information during measuring.
- You can measure your location also by pressing and holding 1 for at least one second from the Stand-by display. After measuring, the "Function Menu while Current Location is Displayed" on page 327 is performed following the setting of "GPS button setting".

## Function Menu while Current Location is Displayed

<b>Read map</b>	You can display a map by starting GPS compatible i-opppli program set by "Select map".
<b>Map/GPS opppli</b>	You can use the location information on a GPS compatible i-opppli program. ▶ <b>Select an i-opppli program.</b>
<b>Paste to mail</b>	You can compose an i-mode mail message with the URL of the location information pasted to the text. ▶ <b>YES</b> Go to step 2 on page 142. ● The URL of the location information to be sent is displayed on i-mode compatible phones only.
<b>Add to phonebook</b>	You can store the location information in the Phonebook. ▶ <b>YES</b> Go to step 2 of "Storing Displayed Phone Number/Mail Address in Phonebook" on page 93.
<b>Attach to image</b>	You can store the location information in the image. ▶ <b>Select a folder ▶ Select an image ▶ YES or NO</b> <b>YES</b> . . . . . Overwrites and saves. <b>NO</b> . . . . . Saves as a separate file.

## Using Map/GPS Compatible i-opppli

### Display a Map

You can start GPS compatible i-opppli program set by "Select map". At purchase, "地図アプリ (Map Application)" is set and you can read a map of current or specified location.

#### 1 ▶ LifeKit ▶ Map/GPS ▶ Map

- When "Select map" is not set, select a GPS compatible i-opppli program you use for displaying a map.

## Start GPS Compatible i-opppli

You can select an i-opppli program from the GPS compatible i-opppli list to start it.

#### 1 ▶ LifeKit ▶ Map/GPS ▶ Map/GPS opppli ▶ **Select an i-opppli program.**

- See page 291 for the Software list.

### Information

- When you use a GPS compatible i-opppli program, the location information is sent to the information provider of the i-opppli program you use.
- You need to set "Location usage" of "Software setting" to "ON" when you use the GPS function of a GPS compatible i-opppli program.

## Using "地図アプリ (Map Application)"

The pre-installed "地図アプリ (Map Application)" enables you to read the map of the place you are currently in or you specify, or check area information by using the GPS function and map. You can then navigate yourself to the destination by vehicle, on foot, or by car. Further, you can easily get transfer information by voice input.

- You are separately charged a packet communication fee. You are advised to subscribe to Pake-hodai, Pake-hodai full or Pake-hodai double for using this software program.
- If you delete this software program and then when you want to resume it, download it from " i エリアー周辺情報 - (i-area -Area Information-)".
- This software program is not available when the mode of 2in1 is set to B Mode.
- Note that we are not held responsible for the accuracy and promptness of the map and route information.
- While driving, ensure that a person other than the driver operates this software program.
- This software program supports motion tracking.
- The displays are for reference, so the actual ones might differ.

## ■Standard and optional services

The standard and optional services are available with this software program.

Standard service: Provided by DOCOMO (charge free).

Optional service: Provided by ZENRIN DataCom (charged).

You can use the optional services charge free except traffic information for up to 60 days from when you start this software program for the first time. To use the optional services from 61 days on, you need to register yourself as a member of “ゼンリン 地図+ナビ (ZENRIN/map+navi)” (charged) provided by ZENRIN DataCom.

Even when you register yourself as a member while you are using this software program, you do not need to re-download it. You can use this software program as it is.

Menu	Descriptions	From 61 days on
フリーワード検索 Keyword Search	<ul style="list-style-type: none"> <li>You can check area information and display a map by entering a facility name, address, phone number or zip code.</li> </ul>	Free
地図 Map	<ul style="list-style-type: none"> <li>You can display the map of your current location by using GPS, or the map by specifying from the address list or by entering phone number.</li> <li>You can easily display the map by speaking an address to the handset.</li> </ul>	Free
	<ul style="list-style-type: none"> <li>You can check the map of the place stored in this software program or on the server, or retrieved by the past search.</li> <li>After you store it on the server, the stored point can be shared with your personal computer as well.</li> </ul>	Charged
周辺検索 Local Search	<ul style="list-style-type: none"> <li>You can check information of shops, facilities, or iD member shops in the area you are currently in or you specify, and can obtain coupons from gourmet information.</li> <li>You can check nearby empty parking lots.</li> <li>You can easily check area information by voice input.</li> </ul>	Free
ナビ Navigation	<ul style="list-style-type: none"> <li>You can navigate yourself to the destination via a comprehensive means of transportation including vehicle, foot, and car.</li> <li>You can navigate yourself easily to your home you have stored.</li> <li>You can check the nationwide traffic flow information.</li> </ul>	Charged
乗換案内 Transfer	<ul style="list-style-type: none"> <li>You can check the train transfer information and timetables.</li> <li>You can check the map for a train route and set an alarm to sound before your departure.</li> <li>You can easily get transfer information by voice input.</li> </ul>	Charged

Menu	Descriptions	From 61 days on
便利ツール Utility	<ul style="list-style-type: none"> <li>On the map, you can color the places you previously measured by using GPS, by the unit of city, ward, town, village, or prefecture.</li> <li>By using GPS, you can leave your footprints on your current position, and display the track you move.</li> <li>In addition to the ordinary map, you can change the mode to show the various types of maps such as the map you can move by inclining the FOMA terminal, the 3D map, and the map that accentuates train routes.</li> <li>Using the Map Talk function, you can call up your friends to show their locations on the map and exchange messages with them.</li> <li>You can send “footprint” data files stored on the microSD card to the server and view the footprints on the personal computer.</li> <li>To the server, you can back up the area data that you measured in the past using GPS.</li> </ul>	Free
災害用メニュー Emergency	<ul style="list-style-type: none"> <li>You can search for facilities which are useful in a time of disaster.</li> <li>You can start up the map-application-linked i-oppli program you use for disaster time without communication.</li> </ul>	Charged
設定/ヘルプ Setting/Help	<ul style="list-style-type: none"> <li>You can set how to show the map and navigation, and check how to use them.</li> </ul>	Free

## ■“地図アプリ (Map Application)” TOP menu display and its operation

The respective menus are displayed on the TOP menu display. When you close the menu, the map retrieved by the last search appears.

- At the first start-up, the usage rules and caution items on use are displayed.



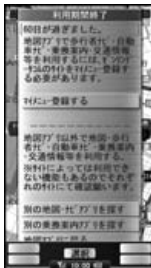
TOP menu display

#### ◆When 60 days have passed without registering yourself as a member

At the first start-up on or after 61 days, the message telling that the functions you can use are limited, and the message that refers to the member registration appear.

The same messages appear when you select an optional service menu.

※To register yourself as a member, access “ゼンリン 地 図+ナビ (ZENRIN/map+navi)” via this software program.



#### ■Map display and its operation



Map View display

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#### ◆Key operation when the map is shown

Key operation	Action
[TOP]	Can show the TOP menu.
[メニュー (Menu)]	Can show the quick access menu.
[縮小 (Reduce)]	Can reduce the scale by pressing and holding the key to show a large area.
[拡大 (Enlarge)]	Can enlarge the scale by pressing and holding the key to show the details.
[移動]	Can move the map up, down, left, and right.

Key operation	Action
[CLR]	Can close the menu or return to the point retrieved by the first search.
[*]	Can turn the map counterclockwise.
[O]	Can turn the map northward.
[#]	Can turn the map clockwise.

#### ◆Key operation when the quick access menu is shown

Key operation	Action
[周辺検索 (Check area information)]	Can check area information of the place displayed on the map.
[ココへナビ (Navigate to this place)]	Can set the start point and search for a route to the center of the map.
[トーク ON! 送信 (Talk Send)]	<ul style="list-style-type: none"> <li>• Can call up friends to show them on the map.</li> <li>• Can send the URL of the displayed map by mail.</li> </ul>
[ココを登録 (Store this place)]	Can store the location information on the center of the map in this software program, on the server, or in the Phonebook. When you store it on the server, the stored point can be shared with your personal computer as well.
[詳細 (Details)]	Can check the detailed information.

#### ■The Search Result display for area information and its operation

•The display and operation are for when you show the search result on the map, not for when you select it from the list.

#### ◆The Search Result display for area information



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◆Key operation when the Search Result display for area information is shown

Key operation	Action
	Can show the quick access menu.
	Can move the map up, down, left, and right.
	Can display the previous 10 results.
	Can display the next 10 results.
	Can show the previous search result.
	Can re-search the area centered on the displayed map.
	Can show the next search result.
	Can show the TOP menu.
	Can reduce the scale by pressing and holding the key to show a large area.
	Can enlarge the scale by pressing and holding the key to show the details.

### Searching for a Route and Navigating Yourself to Destination by Voice and Display

You can set a start point and destination, and search for a route. The routes you can go through on foot, by public transportation, or by car are displayed. After you search for the route, the voice and display navigate you to your destination.

## 1 TOP menu display ▶ ナビ Navigation ▶ ナビをする (Navigate)

## 2 出発地 (Start point) ▶ Select a setting method.

現在地 (GPS) [Current location (GPS)] . . . . . Set a start point by measuring the current location.

フリーワード検索 (Keyword search) . . . . . Set a start point by searching by keywords.

地図上で指定 (Specify on map) . . . . . Set a start point on the map.

TEL/〒検索 (TEL/ZIP code search) . . . . . Set a start point by searching by a phone number or zip code.

住所一覧から (From address list) . . . . . Set a start point by selecting an address.

ジャンルから (From genre) . . . . . Set a start point by selecting a genre.

履歴から (From record) . . . . . Set a start point on the map previously searched.

登録地点から (From stored point) . . . . . Set a start point from the location information stored in this software program, on the server, or in the Phonebook.

自宅 (Home) . . . . . Set a start point from the location information of your home.

出発地の確認 (Confirm start point) . . . . . Confirm information about the start point.

## 3 目的地 (Destination) ▶ Select a setting method.

フリーワード検索 (Keyword search) . . . . . Set a destination by searching by keywords.

地図上で指定 (Specify on map) . . . . . Set a destination on the map.

TEL/〒検索 (TEL/ZIP code search) . . . . . Set a destination by searching by a phone number or zip code.

住所一覧から (From address list) . . . . . Set a destination by selecting an address.

ジャンルから (From genre) . . . . . Set a destination by selecting a genre.

履歴から (From record) . . . . . Set a destination on the map previously displayed.

登録地点から (From stored point) . . . . . Set a destination from the location information stored in this software program, on the server, or in the Phonebook.

自宅 (Home) . . . . . Set a destination from the location information of your home.

目的地の確認 (Confirm destination) . . . . . Confirm information about the destination.

## 4 時間指定 (Specify time) ▶ Select an item.

現時刻で指定 (Specify by current time)

. . . Search for a route by the current time.

出発時刻指定 (Specify start time)

. . . Search for a route by specifying the start time.

到着時刻指定 (Specify arrival time)

. . . Search for a route by specifying the arrival time.

終電を利用 (Use last train)

. . . Search for a route by the last train of the day.