INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows in four parts (Exhibit 8A through Exhibit 8D):

Tone/Screen/Light Settings

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Changing Ring Tones

You can set ring tones for incoming voice/video calls and email messages.

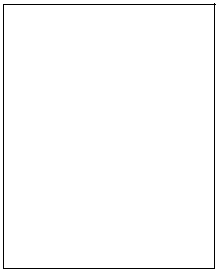
- You can also set ring tones individually for incoming calls/messages from contacts stored in FOMA handset (Handset) Contact.→ P102

Setting Ring Tones for Calls

Default setting	Voice call: Bells Video call: Harmonics Voicemail: Interlude

You can select a ring tone type for incoming voice/video calls as well as for new voicemails.

1 Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Tones* on the Menu bar



Voice call : Select a ring tone for incoming voice calls.
Video call : Select a ring tone for incoming video calls.
Voicemail : Select a ring tone when new voice message is recorded.

2 Tap the field to set and select the ring tone

- Tap $$ to hear the selected ring tone.

3 Tap [Done]

The ring tone is set.

- Tap [Cancel] to cancel the ring tone setting.

NOTE

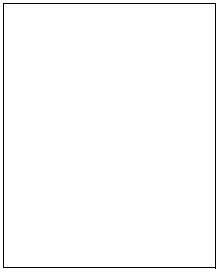
- When an incoming voice/video call is received from a caller stored in FOMA handset (Handset Contacts), the ring tone assigned to the contact rings. However, if the caller does not send the Caller ID, the ring tone assigned in this section rings instead.
- When you set Alert Mode to other than *Audio*, no ring tone rings.

Setting Ring Tones for Email

Default setting	Email: Random SMS: Bits_n_Bytes

You can select a type of ring tone for incoming SMS/email messages.

1 Tap $$ on the Application Selector bar, and tap *Edit* ▶ *Preferences* on the Menu bar



(Your subscribed email account ID)
: Select a ring tone for incoming email messages.

SMS : Select a ring tone for incoming SMS messages.

- If you have stored multiple email accounts, all account IDs are displayed.

2 Tap the field to set and select the ring tone

- Tap $$ to hear the selected ring tone.

3 Tap [Done]

The ring tone for incoming messages is set.

- Tap [Cancel] to cancel the ring tone setting.

NOTE

- When an incoming email/SMS message is received from a caller stored in Contacts (FOMA handset), the ring tone assigned to the contact rings.
- When you set Alert Mode to other than ***Audio***, no ring tone rings.

Ring Tone List

In your FOMA handset, the following ring tones for incoming calls/messages are preinstalled.

- You can install new ring tones for incoming calls/messages.
- File names that are too long to display end in "...".

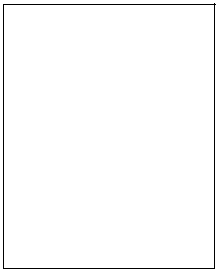
1812_Overture.mid	Interlude.mid
Alert.mid	Mandolin_Concerto.mid
Also_Sprach_Zarathustra.mid	Moonlight_Sonata.mid
Bells.mid	Polonaise_in_A_Flat.mid
Big_Brass.mid	Provincial.mid
Bits_n_Bytes.mid	Random.mid
Blues.mid	Rondo_ala_Turca.mid
Boogie_Swing.mid	Snaggle.mid
Clair_de_Lune.mp3	Sonata_in_C.mid
Cosmic.mid	Standard.mid

Cumparsita.mid	Symphony_in_G_Minor.mid
Ding.mid	The_Islands.mp3
Door_Bell.mid	Triads.mid
Flight_of_Bumblebee.mid	Up_and_Down.mid
Harmonics.mid	Wind_Chimes.mid

Installing Melodies as Ring Tones

To set downloaded melodies as ring tones for incoming calls/messages, you need to store the melodies in Ringtone Manager as ring tones.

1 Tap $$ ▶ $$ on the Application Selector bar, and tap *General* tab ▶ *Ringtune Manager* tab on the Control panel screen



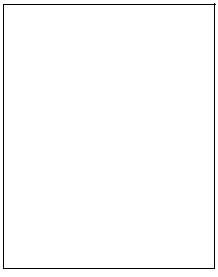
Ring tone

File size

Available space

Ringtune Manager screen

2 Tap [Install]



Displays the name of the melody folder.

Displays melodies available for ring tones.

- Tap [Send] to send the ring tone via email or Bluetooth. → P235, P261, P384

3 Tap the melody to store

The melody is selected.

- Tap ***Folder*** to select a folder.
- Tap a melody → $$ to hear the selected melody. Tap $$ to stop.

4 Tap [Select]

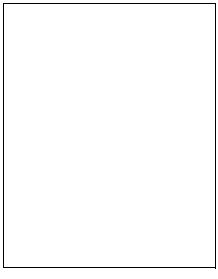
The melody is stored.

- Tap [Cancel] to cancel storing.

Deleting Ring Tones

You can delete a ring tone.

1 Tap the ring tone ▶ [Delete] on the Ringtune Manager screen



- How to operate → P124

2 Tap [Yes]

Deletes the selected ring tone.

- Tap [No] to cancel deleting.

Muting Ring Tones

Default setting	Alert Mode: Audible

When you set Alert Mode to Silent, your FOMA handset makes no ring tones for incoming calls/messages.

1 Tap $$ on the Status bar, and tap $$ of *Silent* on the Alert mode screen

The Alert Mode is set to ***Silent*** and $$ is displayed on the Status bar.

- Tap $$ of ***Vibrator*** to vibrate the FOMA handset for incoming calls/messages as you tap $$ of ***Audio*** to ring the ring tones.

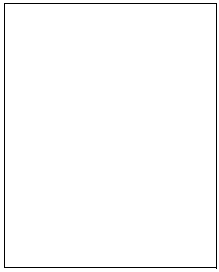
Adjust Volume

Adjusting the Volume for Ring Tones

Default setting	4

You can adjust the volume of ring tones for incoming calls/messages to any of 8 levels. You can also set the volume to silent mode.

1 **Tap $$ ▶ $$ on the Application Selector bar, and tap the *Handset* tab ▶ *Sound* tab on the Control panel screen**



2 **Tap *Ringer* and select the volume**

- You can select from 0 (Silent) to 8 (Maximum).

3 **Tap [Done]**

The ring tone volume is set.

Vibrator

Vibrating Your FOMA Handset for Incoming Calls or Alarm

Default setting	Alert Mode: Audio

When you set Alert Mode to Vibrate, your FOMA handset vibrates to indicate incoming calls/messages.

- Do not leave your FOMA handset on the desk when the vibrator is set. The FOMA handset may fall off when it vibrates.

1 **Tap $$ on the Status bar, and tap $$ of *Vibrate* on the Alert mode screen**

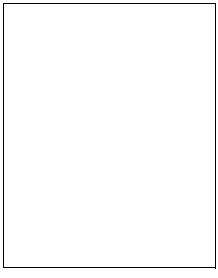
The Alert Mode is set to ***Vibrate***, and $$ is displayed on the Status bar.

- Tap $$ of ***Silent*** to mute the FOMA handset for incoming calls/messages as you tap $$ of ***Audio*** to ring the ring tones.

Setting a Vibrate Pattern

You can select from the different vibrate patterns provided.

1 **Tap $$ ▶ $$ on the Application Selector bar, and tap the *General* tab ▶ *Ringtune Manager* tab on the Control panel screen, and then on the Ringtune Manager screen, tap the *Vibrate* tab**



2 **Tap the vibrate pattern to use**

- Tap the vibrate pattern and tap $$ to test the pattern. Tap $$ to stop vibration.

3 **Tap [Done]**

- The vibrate pattern is set.

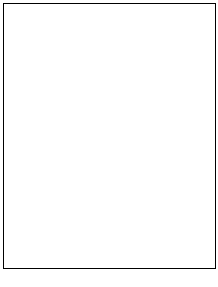
Keypad Tones

Setting Keypad Tones

Default setting	Normal

You can select keypad sound in the Phone number entry screen.

1 **Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Tones* on the Menu bar**



Normal: Normal keypad tone.
Beep : Beep tone.
Silent : Keypad tone is muted.

2 **Tap $$ of the sound to set on the *Keypad tones***

3 **Tap [Done]**

The keypad tone is set.

- Tap [Cancel] to cancel the keypad tone setting.

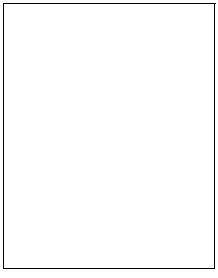
Audible Timer

Sounding the Audible Timer during a Call

Default setting	Audible Timer: OFF

You can set your FOMA handset to alert you with the Audible timer when the set time has elapsed during a call. You can also use the repetitive alarm function.

1 Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Call tracking* on the Menu bar



Audible Timer : Sets the time to play the Audible timer.
Repetitive : Plays the repetitive alarm for all recurring times you set.

2 Tap *Audible timer* and select the time

- Tap [OFF] to mute the Audible timer.

3 Tap $$ of *Repetitive*

- If you do not tap $$, the alarm plays only once at a set time.

4 Tap [Done]

The Audible timer is set.

Manner Mode

Muting Sounds Made by Your FOMA Handset

You can set this function to avoid disturbing people around you by muting the sounds made by your FOMA handset such as ring tones, keypad tones and tap tones.

- You can customize operations during Manner Mode. → P129

1 Press for 1+ seconds in idle state

The Manner Mode is set.

- $$ is displayed on the Status bar.

■To cancel Manner Mode

Press for 1+ seconds in idle state

The Manner Mode is canceled and $$ is displayed on the Status bar.

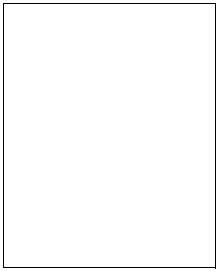
Original Manner Mode

Personalizing Manner Mode

Default setting	All items: $$

You can customize operations while Manner Mode is set.

1 Tap $$ ▶ $$ on the Application Selector bar, and tap the *Handset* tab ▶ *Manner Mode* tab on the Control panel screen



Mute Ring tone : Disables ring tones.
Mute Vibrator : Disables the vibrator.
Increase Microphone gain : Sensitizes the microphone so that the other party can hear you easily even when you talk in a small voice.
Mute Keypad tones : Disables keypad tones.
Mute Low Battery alert : Disables the low battery alert.

2 Tap $$ of the item to set

3 Tap [Done]

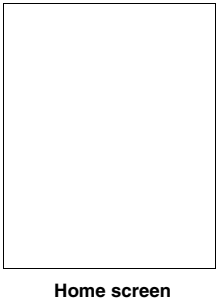
The operations during Manner Mode are set.

- Tap [Cancel] to cancel the settings.

Home Screen

Personalizing Home Screen

You can customize the display of the Home screen to show new messages and application shortcuts. To view the Home screen, tap $$ on the Application Selector bar.



Home screen

Wallpaper

Calendar

Time

Message Area

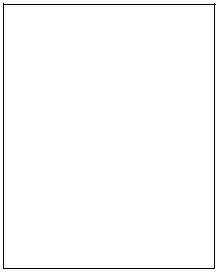
Application Shortcuts

Setting Message Area View

Default setting	All items: $$

You can display information you want in your Message Area such as the number of new messages and tasks you have in the To do list → P42

1 Tap *Home* ▶ *Preferences* on the Menu bar on the Home screen



Email : Shows the number of unread Email messages.
Voice : Shows the number of new voice messages.
SMS : Shows the number of unread SMS messages.
Calendar : Shows the number of appointments of the day.
To do list : Shows the number of active tasks in your To do list.

- How to operate → P129

2 Tap $$ of the item to set

3 Tap [Done]

The Message Area in the Home screen shows the items you set.

- Tap [Cancel] to cancel the settings

NOTE

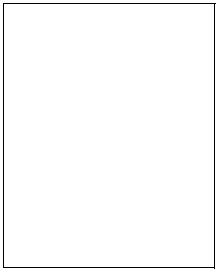
- Tap an item on the Message Area on the Home screen to activate the corresponding application.

Setting Applications to Shortcut Key

Default setting	Application 1:Video	Application 2:Image	Application 3:Music

You can set your favorite applications to the shortcut keys on the Home screen.

1 Tap *Home* ▶ *Preferences* on the Menu bar on the Home screen, and tap the *Application* tab on the Preferences screen



Application 1 : Creates a shortcut to an application on the left icon.
Application 2 : Creates a shortcut to an application on the middle icon.
Application 3 : Creates a shortcut to an application on the right icon.

- How to operate → P129

2 Tap any of *Applications 1, 2* or *3* and select the application to be linked to the shortcut

3 Tap [Done]

The application is linked to the shortcut key and the corresponding icon is displayed.

- Tap [Cancel] to cancel the settings.

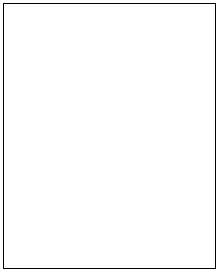
NOTE

- When you set an application you installed to the shortcut key, $$ appears as the shortcut key icon on the Home screen.
- Tap the shortcut key on the Home screen to activate the application you linked.

Setting the Wallpaper

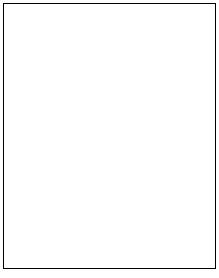
You can set an image you captured or downloaded to display in the background of the Home screen.

1 Tap *Home* ▶ *Wallpaper* on the Menu bar



- How to operate → P129

2 Tap [Change]



The name of the image folder is displayed.

Images available for the wallpaper are displayed.

- Tap [Default] to reset to the default image.

3 Tap the image you want to set as the wallpaper

The image is selected.

- Tap ***Folder*** to select a folder.
- Tap $$ of ***List*** to switch to list display. Tap $$ of ***Thumbnail*** to switch to thumbnail display.

4 Tap [Select]

The wallpaper is set.

NOTE

- You can set the following images for the wallpaper:

  File format : GIF, JPEG, BMP, WBMP, PNG
  Image size : 1280 x 1280 pixels
  File size : Up to 4.6 MB
- If size varies between the selected image and the wallpaper, the image is automatically adjusted to the wallpaper size.
- The CD-ROM accompanying your FOMA handset contains images for the wallpaper. To set the images to the wallpaper, install them to the FOMA handset.

Setting the Calendar

Default setting	Turn calendar off

You can display the Calendar on the Home screen.

1 Tap *Home* ▶ *Turn calendar on* on the Home screen on the Menu bar

The Calendar is displayed on the Home screen.

- How to operate → P129
- To hide the Calendar, tap *Home* → *Turn calendar off* on the Menu bar.

NOTE

- You can see your Calendar entries in several views. → P334
- Tap Calendar on the Home screen to open the calendar screen and add a Calendar entry.

Showing the Time and Date

Default setting	Hide time

You can display the time on the Home screen.

1 Tap *Home* ▶ *Turn time on* on the Home screen on the Menu bar

The time appears on the Home screen.

- How to operate → P129
- To hide the time, tap *Home* ▶ *Turn time off* on the Menu bar.

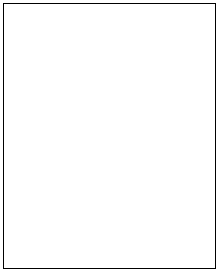
NOTE

- You can see your clock in several views. → P142
- Tap Time on the Home screen to open the Date and time screen. You can set various clock settings including the Date and time, clock views and alarm.

Adjusting the Screen Brightness

You can adjust the backlight brightness for the display.

1 Tap $$ ▶ $$ on the Application Selector bar, and tap the *Handset* tab on the Control panel screen ▶ *Screen*



2 Drag the slider to the desired brightness

3 Tap [Done]

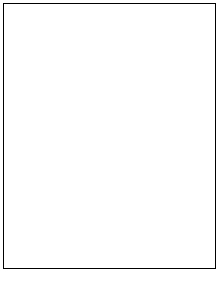
The screen brightness is adjusted.

Adjusting the Touch Screen Calibration

You can set the calibration between the tapping position of the stylus and the area recognized by the touch screen.

- When you turn on your FOMA handset for the first time, the calibration screen is displayed. → P58

1 Tap $$ ▶ $$ on the Application Selector bar, and tap *Handset* ▶ *Screen* ▶ *Calibrate* on the Control panel screen



2 Tap the center of the circles from 1 to 3 in sequence

- Press ◉ to stop calibration.
- Press ⏻ to reset to the default settings.

3 Tap [Done]

The screen calibration is set.

NOTE

- When calibrating, avoid tapping a point far from the center of the circle. Applications may not operate accurately. Adjust the screen calibration again.
- Pressing ⊂○⊃ for 10 seconds also opens the calibration screen.

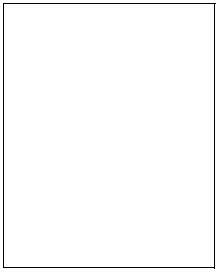
Call tracking

Displaying Call Duration

Default setting	Show: time

You can display the duration of a call on the talking screen.

1 Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Call tracking* on the Menu bar



Show : Shows/hides the duration on the talking screen.

2 Tap *Show*, and then tap *OFF/Time*

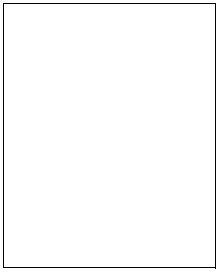
The Call tracking is set.

Setting the Power Saving Options

Default setting	Power down screen: After 1 minute Switch off light: After 30 seconds Display on: ON Status LED: $$

You can set the options of Power saving mode such as the time to turn off the backlight or screen display. You can also configure to cancel Power saving mode by tapping the touch screen.

1 Tap $$ ▶ $$ on the Application Selector bar, and tap *Handset* tab ▶ *Power* on the Control panel screen



Power down screen
: Selects the time to turn off the display.
Switch off light: Selects the time to turn off the backlight.
Display on : Configure to enable tap operation to cancel Power saving mode.
Status LED : Sets the Status LED to turn ON/OFF.

2 Tap *Power down screen* to select the time to turn off

3 Tap *Switch off light* to select the time to turn off

4 Tap $$ of *Display on*

- If you tap $$, tapping the touch screen does not cancel Power saving mode. However, pressing a key cancels the mode.

5 Tap $$ of *Status LED*

- Tap $$ to turn the Status LED on, tap $$ to turn it off.

6 Tap [Done]

The Power saving mode options are set.

NOTE

- About Power saving mode P42
- The time for ***Switch off light*** must occur before ***Power down screen***. Set the same time as ***Power down screen*** or shorter time.

Switching the Application Launcher View

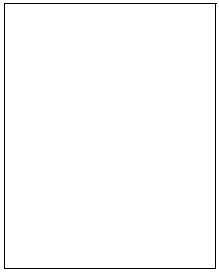
You can change the views and background of the Application Launcher.

Changing an Application Launcher View Style

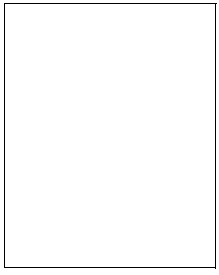
Default setting | View as icons

You can see applications to be displayed on the Application Launcher as icons or as a list.

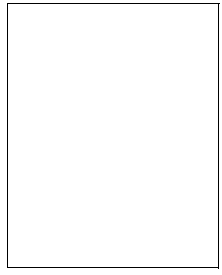
1 **Tap $$ on the Application Selector bar, and tap *View* on the Menu bar**



2 **Tap $$ of *View as icons/Show as list***



View as icons



Show as list

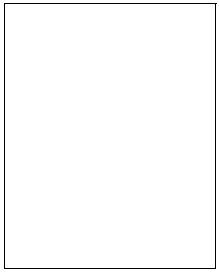
- The view of the Application Launcher is set.

Setting the Background for Application Launcher

You can set an image you captured or downloaded to display as the background of the Application Launcher.

1 **Tap $$ on the Application Selector bar, and tap *View* ▶ *Appearance* on the Menu bar**

2 **On the display setting screen, tap *Background* and then tap *Find image***



The name of the image folder is displayed.

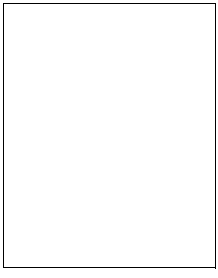
Images available for the background are displayed.

- Tap [None] to display no background.
- If you have previously set an image as the background, this image is also displayed.

3 Tap the image you want to set as the background

- Tap ***Folder*** to select a folder.
- Tap $$ of ***List*** to display as a list, tap $$ of ***Thumbnail*** to display thumbnails.

4 Tap [Select]



The selected image is displayed.

Slider

5 Adjust the image display

The following operations can be performed.

- Drag the slider up/down to enlarge/reduce the image.
- If the image is larger than the screen, drag the image up/down or left/right to adjust its position.
- Tap $$ of ***Tile*** to tile and display images smaller than the screen.

6 Tap [Done]

The background is set.

NOTE

- You can set the following images for the background:

File format	:	GIF, JPEG, BMP, WBMP, PNG
Image size	:	1280 x 1280 pixels
File size	:	Up to 4.6 MB

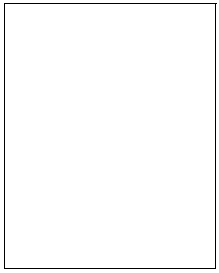
Changing the Phone Number Entry Screen Settings

Default setting	Skin: Default

You can change the design (skin) of the Phone number entry screen.

- Your FOMA handset contains ***Default*** only. To change the skin, you have to obtain your desired skin by downloading it from the Internet.

1 **Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Show* on the Menu bar**



2 **Tap *Skin* to select the skin**

3 **Tap [Done]**

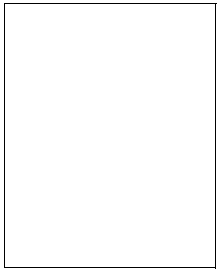
The design of Phone number entry screen is changed.

Setting Display for Numerical Values

You can set how your FOMA handset shows numerical information such as distance, currency and decimal points.

- The FOMA handset shows numerical information in the format set here only with compatible applications. Your FOMA handset contains no compatible applications at time of purchase.

1 **Tap $$ ▶ $$ on the Application Selector bar, and tap the *General* tab ▶ *International* tab on the Control panel screen, and then tap the *Numbers* tab on the International screen**



Long distance : Selects the unit for long distance between the yard-pound and metric systems.
Short distance : Selects the unit for short distance between the yard-pound and metric systems.
Decimal separator : Selects how to show decimals.
Thousands separator : Selects how to separate thousands.
Currency : Enters the name/symbol of the currency.
Symbol position : Positions the currency (name/symbol) set in ***Currency***.

2 **Tap *Set* and select the display format**

The unit and display format are set.

- When you tap ***Currency***, enter the name/symbol of the currency.

Zooming in/out the Display

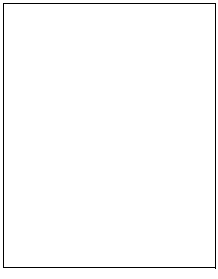
Default setting	Zoom: Middle

You can enlarge/reduce the display size of characters and icons on the screen for the following applications:

- You can change the display size for the following application:
  - Browser (Only for bookmarks and while displaying stored pages)
  - Email
  - Music (Not available while displaying details)
  - Video (Only while displaying list)
  - Contacts
  - Calendar (Only for Day view)
  - Notes
  - To do list (Only while displaying list)
  - SyncML

<Example: Changing the display size of the Contact list screen>

1 Tap $$ on the Application Selector bar, and tap *Edit* ▶ *Zoom* on the Menu bar



Small : Zooms out.
Middle : Normal display.
Large : Zooms in.

- To zoom in/out from the other applications, tap *Edit* ▶ *Zoom* on the Menu bar.

2 Tap $$ of the desired size, and then tap [Done]

Display size is set.

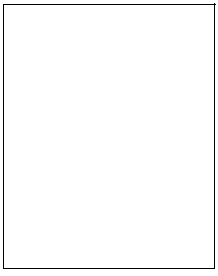
NOTE

- Turning the power off does not reset the configured display size setting you set.
- The size of characters is changed only when the Language Selection is set to *English*.

Setting the Time and Date

You can change the display format of date and time for the Home screen.

1 Tap $$ ▶ $$ on the Application Selector bar, and tap the *General* tab ▶ *Date and Time* on the Control panel screen, and then tap the *Format* tab on the Date and Time screen



Date format : Sets the date format.
Date separator: Selects how to delimit months and days.
Time format : Selects from the 12-hour and 24-hour format.
Time separator
: Selects how to delimit hours, minutes and seconds.

2 Tap the field to set and select the display format

The display format is set.

- When you tap ***Time format***, tap $$ of the desired display format.

Safety Settings

■Security Codes

Security Codes Used for FOMA handset 140
Changing Handset Security Code <Handset Security Code> 141
Setting PIN 143
Unblocking PIN 145

■Restricting Mobile Phone Operations

About Lock Functions 147
Preventing Unauthorized Use <All Lock> 147
Preventing Incoming/Outgoing Calls and Messages <Self Mode> 149

■Restricting Calls/Messages/Data Transfer

Rejecting Calls from Specified Numbers <Reject Call> 149
Making Calls to Specified Numbers Only <Fixed Dialling> 151
Rejecting Calls with No Caller ID <Call Setting w/o ID> 152
Muting Ring Tone for Calls from Callers Not Stored in Contacts <Ringless Time Setting> 153
Rejecting Calls from Callers Not Stored in Contacts <Reject Unknown> 153

■About Other "Safety Settings"

About Other Safety Settings 154

Security Codes Used for FOMA handset

Some FOMA handset functions require security codes. Use appropriate functions or service passwords for safe use of your FOMA handset.

- If you forget these security codes, you are required to bring your FOMA handset and ID (your driver's license, etc.) to a DoCoMo shop.
- Change the security codes to prevent tampering. Also, keep a separate record of your security codes.

Handset Security Code

There are 2 security codes for the FOMA handset.

Handset Security Code

The 1- to 16-digit password set to the FOMA handset to be entered when using the following functions:

- Unlocking All lock
- Reject Call
- Call Setting w/o ID
- Reject Unknown

You can change Handset Security Code as you desire. → P147

Authentication Password

The 1- to 16-digit password to be entered when using Master Reset/Master Clear.
You can change Authentication Pasword as you desire. → P148

Network Security Code

The 4-digit password to be entered when using the Network services or DoCoMo e-sites. You can specify it at the time of purchase. Be careful never to reveal your Network Security Code to others.
If you forget your Network Security Code, please contact "General contact" on the back of this manual. At a DoCoMo shop, your ID such as your driver's license is required for password renewal. If you already have "User ID" or "Password", you can renew your password at the DoCoMo e-site via a PC.

* For details on the "DoCoMo e-sites," see the back of this manual.

PIN1/PIN2

The 4- to 8-digit password set to the UIM to be entered when using the following functions:

PIN1 : Enter the PIN1 every time when you turn your FOMA handset on for user authentication. If entered incorrectly, you cannot make or answer calls or operate communication functions. Your FOMA handset is set to enable operations without entering the PIN1 by default. → P149

PIN2 : Enter the PIN2 when restricting incoming or outgoing calls such as Fixed Dialling. → P158

You can change the PIN (PIN1/PIN2) as you desire. → P150

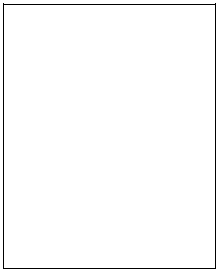
Changing Handset Security Code

You can change the 2 types of passwords of your FOMA handset: "Handset Security Code" and "Authentication Password".

Changing Handset Security Code

No Handset Security Code is set to your FOMA handset by default.

1 Tap $$ ▶ $$ on the Application Selector bar, and tap the *Handset* tab ▶ *Password* on the Control panel screen, and then tap the *Security* tab ▶ *Set Security Code* on the Password screen



2 Enter a new Handset Security Code ▶ tap [Done]

- The screen with the new Handset Security Code entered appears.

3 Enter again the new Handset Security Code ▶ tap [Done]

- The Handset Security Code is changed.

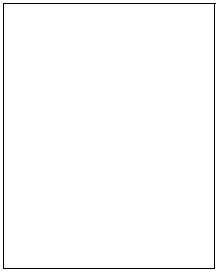
NOTE

- You can also set the Handset Security Code during function settings such as ***Reject Call***.

Changing Authentication Password

Default setting	000000

1 **Tap $$ ▶ $$ on the Application Selector bar, and tap the *Handset* tab ▶ *Password* on the Control panel screen, and then tap the *Security* tab ▶*Set Authentication Password* on the Password screen**



2 **Enter your current Authentication Password ▶ tap [Done]**

- The New password entry screen appears.

3 **Enter a new Authentication Password ▶ tap [Done]**

- The screen with the new Authentication Password entered appears.

4 **Enter again the new Authentication Password ▶ tap [Done]**

- The Authentication Password is changed.

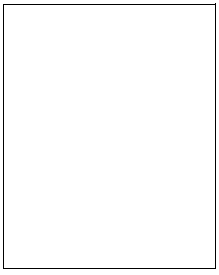
Setting PIN

Enabling PIN

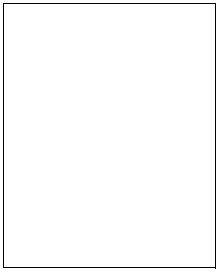
Default setting	PIN1: $$ (OFF)	PIN2: $$ (OFF)

You can enable PIN1/PIN2.

1 Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Security* on the Menu bar



2 On the Security screen, tap $$ of *PIN1/PIN2*



PIN1 entry screen

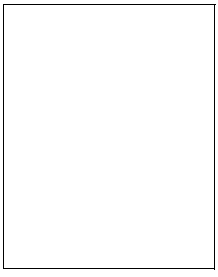
3 Enter the PIN ▶ tap [Done]

- The PIN is set.
- Entering an incorrect PIN 3 times in succession, the PIN will be blocked. → P151

Entering PIN1

When the PIN1 is enabled, the PIN1 entry for user authentication is required every time you turn your FOMA handset on.

1 Turn on your FOMA handset



- How to operate → P124

2 Enter the PIN1 ▶ tap [Done]

The Home screen appears.

- Entering an incorrect PIN1 3 times in succession, the PIN1 will be blocked. → P151

NOTE

- When the PIN2 is enabled, the PIN2 entry for user authentication is required when restricting calls such as Fixed Dialling. → P158

Changing PIN

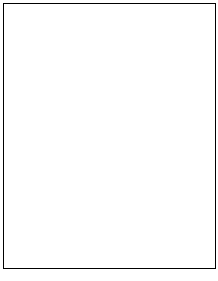
Default setting	PIN1: 0000	PIN2: 0000

You can change PIN1/PIN2.

- To change the PIN1, you have to enable the PIN1. → P149

1 **Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Security* on the Menu bar**

2 **On the Security screen, tap [Change] on *PIN1/PIN2***



PIN1 entry screen

3 **Enter the current PIN ▶ tap [Done]**

- The New PIN1 entry screen appears.
- Entering an incorrect PIN 3 times in succession, the PIN will be locked. → See below

4 **Enter a new PIN ▶ tap [Done]**

- The screen with the new PIN entered appears.

5 **Enter again the new PIN ▶ tap [Done]**

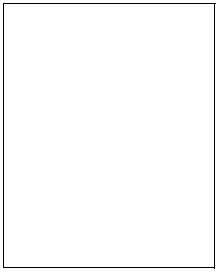
- The PIN is changed.

Unblocking PIN

If you enter an incorrect PIN (PIN1/PIN2) 3 times in succession, the PIN is locked. In this case, enter the PUK (PUK1/PUK2) to unblock the PIN. The PUK is the 8-digit number specified at the time of purchase and cannot be changed.

- After unblocking PIN, enter a new PIN to use your FOMA handset.

1 With PIN locked, tap $$ on the Application Selector bar, and enter * * *05* */* * *052* * ▶ [Done] on the Phone number entry screen



- To unblock PIN1, enter * * *05* * .
- To unblock PIN2, enter * * *052* *.

2 Enter the PUK ▶ tap [Done]

- The New PIN1 entry screen appears.

3 Enter a new PIN code ▶ tap [Done]

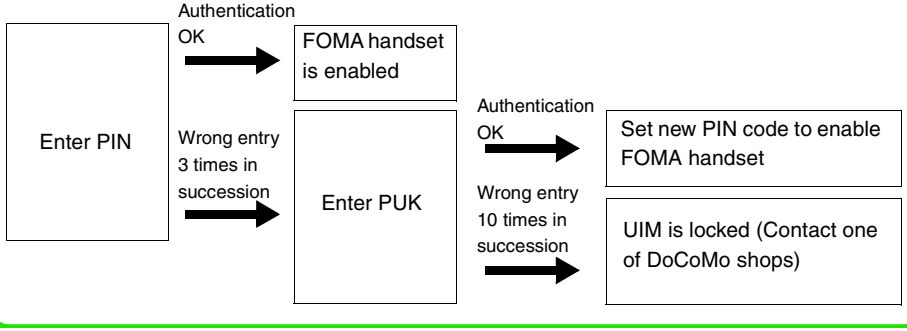
- The screen with the new PIN entered appears.

4 Enter again the new PIN ▶ tap [Done]

- The PIN is unblocked.

■PIN Lock and PUK

If you enter an incorrect PIN (PIN1/PIN2) 3 times in succession, the PIN is locked. In this case, the PUK (PUK1/PUK2) entry is required for unblocking PIN. If you enter an incorrect PUK 10 times in succession, the UIM is locked and your FOMA handset is disabled. Note that you keep a separate record of these codes just in case you forget them. If you forget the codes, contact one of DoCoMo shops.



About Lock Functions

The FOMA handset provides lock functions to prevent unauthorized use by third person or disable communication functions. Use an appropriate lock function from the following:

Lock function	Description	Reference
All Lock	Disables FOMA handset operations to prevent unauthorized use by third person. When this function is set, the Handset Security Code is required to use your FOMA handset when you turn the handset on or cancel Power saving mode.	P153
Self Mode	Disables all communication and transmission functions. Use this function when playing a game with no communication function in locations where talking and exchanging messages are prohibited/restricted.	P155

NOTE

- Note that you keep a separate record of your Handset Security Code just in case you forget them.

All Lock

Preventing Unauthorized Use

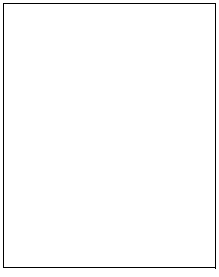
Default setting | Handset Security Code: Not set

Use this function to lock all operations of your FOMA handset.

- When All Lock is set, you can make/answer no call.

1 Set the Handset Security Code

- How to operate → P147

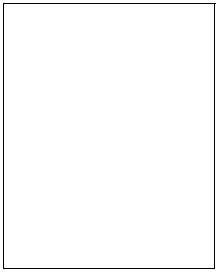


2 Slide upward until it locks

All Lock is set.

Unlocking All Lock

1 Slide downward to its original position



2 Tap [Unlock], and enter the code ▶ tap [Done] on the Handset Security Code entry screen

All Lock is unlocked.

- Tap [Owner] to show the owner information.
- Tap [Emergency Call] to open the emergency call entry screen to make an emergency call.

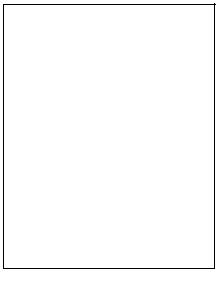
Saving Owner Information

Default setting | None

You can store your owner information to be displayed on the All lock cancel screen.

- You can view the owner information on the All lock cancel screen. → P153

1 Tap $$ ▶ $$ on the Application Selector bar, and tap the *Handset* tab ▶ *Password* on the Control panel screen



2 Enter the owner ▶ tap [Done]

Your owner information is stored.

- Up to 128 double- or single-byte characters can be entered.

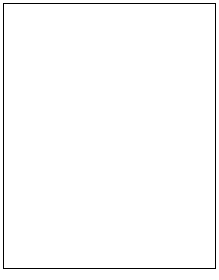
Self Mode

Preventing Incoming/Outgoing Calls and Messages

Default setting	Signal strength: Handset ON

You can disable all communication and transmission functions such as making/answering calls, exchanging messages, packet/data/Bluetooth communications by stopping transmitting radio signals.
Useful when using an application with no communication function in locations where talking and exchanging messages are prohibited/restricted.

1 Tap $$ on the Status bar



2 Tap *Self Mode* ▶ [OK]

Self Mode is set and $$ appears on the Status bar.

- Tap ***Handset ON*** ▶ [OK] to cancel Self Mode.

NOTE

- When Self Mode is ON, callers will hear a message that you are in an area with no radio wave or the power is turned off. If you are contracting the Voice Mail Service or Call Forwarding Service, these services are available.
- You can dial emergency call numbers (110, 119 and 118) even during Self Mode. In this case, Self Mode is automatically canceled.

Reject Call

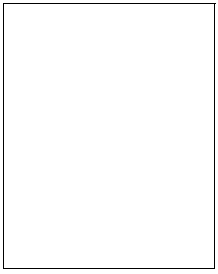
Rejecting Calls from Specified Numbers

Default setting	Call Reject List: $$ (OFF) Edit Call reject Number: None

You can reject calls from callers you do not want to talk by storing their numbers.

- In addition to this function, setting the "Caller ID Display Request Service" and the "Call Setting w/o ID" is recommended.
- The callers will hear the busy tone. Your FOMA handset performs no arrival call acts and the calls are recorded in Missed call history.

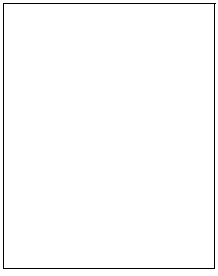
1 **Tap $$ on the Application Selector bar and tap *Settings* ▶ *Call control* on the Menu bar, and then tap the *Reject* tab on the Call control screen**



2 **Tap $$ of *Call Reject List*, and enter the code ▶ tap [Done] on the Handset Security Code entry screen**

- If you have not set a Handset Security Code, the New Handset Security Code entry screen appears. Set the code. → P147

3 **Tap [Edit Call reject Number], and enter the code ▶ tap [Done] on the Handset Security Code entry screen**



Call reject list screen

4 **Tap the number ▶ [Edit], and enter the number to reject ▶ tap [Done] on the Call reject list screen**

- Up to 20 numbers can be stored in the Call reject list.
- To store another number, repeat Step 4.

5 **Tap [Done]**

Reject Call is set.

NOTE

- Calls with no Caller ID are not rejected.
- Even when the "Voice Mail Service" or "Call Forwarding Service" is set to ON, these services are enabled if you set the ringing time to 0 second.
- If the caller has sent no Caller ID, your FOMA handset acts according to the "Call Setting w/o ID" settings.
- You can receive SMS/email messages regardless of this setting.

- You can make calls to the number stored in the Call reject list.

Deleting the Registered Callers

You can delete the numbers stored in the Call reject list.

1 Tap the number to delete on the Call reject list screen

- How to operate → See above

2 Tap [Clear] ▶ [Done]

The selected number is deleted.

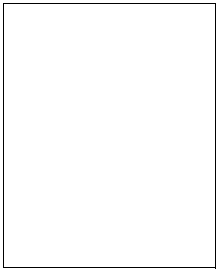
Fixed Dialling

Making Calls to Specified Numbers Only

Default setting	Fixed Dialling: $$ (OFF)	Call Permitted List: None

You can allow your FOMA handset to make calls only to specified numbers.

1 Tap $$ on the Application Selector bar, and Tap *Settings* ▶ *Security* on the Menu bar, and then tap the *Fixed Dialling* tab on the Security screen



2 Tap $$ of *Fixed Dialling*, and enter the code ▶ tap [Done] on the PIN2 entry screen

- PIN2 → P147

3 Select the number ▶ tap [Edit], and on the PIN2 entry screen, enter the code ▶ tap [Done], and then enter the number ▶ tap [Done] on the Fixed dialling entry screen

The Fixed dialling is set.

- Up to XX numbers can be stored in the Fixed dialling list.
- To store another number, repeat Step 3.

NOTE

- You can receive calls from numbers not stored in the Fixed dialling list.

Call Setting w/o ID

Rejecting Calls with No Caller ID

Default setting	From Public Phones: $$ (OFF)	Private ID: $$ (OFF)	With Unknown ID: $$ (OFF)

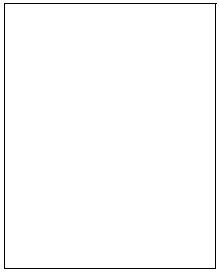
You can reject calls with no Caller ID depending on the reason for no ID.

- There are 3 reasons for no Caller ID as follows:

Reason for no ID	Reason
User unsent	When the caller selected not to send the Caller ID
Public Phone	Calls from public phones
Not supported	Calls from parties who cannot send the Caller ID such as from overseas or from land lines via call forwarding services. (However, some phone companies may send the Caller ID.)

- The callers will hear the busy tone. Your FOMA handset performs no arrival call acts and the calls are recorded in Missed call history.

1 Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Call control* on the Menu bar, and then tap the *Reject* tab on the Call control screen



From Public Phones
: Rejects calls with Reason for no ID is set to "Public Phone"

Private ID : Rejects calls with Reason for no ID is set to "User unsent"

With Unknown ID
: Rejects calls with Reason for no ID is set to "Not supported"

2 Tap $$ of one of the Reasons for no ID, and enter the code ▶ tap [Done] on the Handset Security Code entry screen

The Call Setting w/o ID is set.

- If you have not set a Handset Security Code, the New Handset Security Code entry screen appears. Set the code. → P147
- You can reject calls with any of these reasons for no Caller ID.

NOTE

- Even when the "Voice Mail Service" or "Call Forwarding Service" is set to ON, these services are enabled if you set the ringing time to 0 second.
- You can receive SMS/email messages regardless of this setting.

Ringless Time Setting

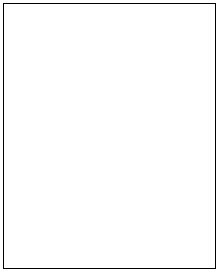
Muting Ring Tone for Calls from Callers Not Stored in Contacts

Default setting	0 second

For calls from callers not stored in Contacts, you can set the start time of ringer actions (such as the ring alert, vibrator, and incoming Status LED actions) not to start immediately.

- Calls disconnected before the ringer actions start are recorded as missed calls with no ring alert , and by default will not be shown in Missed call history. You can set to display them in Missed call history. → P82

1 Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Tones* on the Menu bar



2 Tap *Ring start time (Seconds)*, and enter the start time ▶ tap [Done] on the Ringing time entry screen

The ringless time is set.

- Enter 0 to 99 seconds for the start time.

NOTE

- If the caller stored in Contacts sends no Caller ID and ends the call before the ringer actions start, your FOMA handset acts no ringer actions. However, when the "Call Setting w/o ID" or "Reject Unknown" is set to ON, your FOMA handset acts according to these settings.
- When the "Voice Mail Service" or "Call Forwarding Service" is set to ON, these services are activated at their start time regardless of this setting.

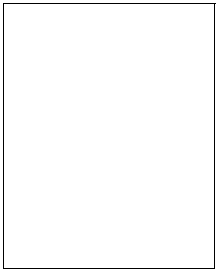
Reject Unknown

Rejecting Calls from Callers Not Stored in Contacts

You can reject calls from anyone whose phone number is not stored in Contacts.

- In addition to this function, setting the "Caller ID Display Request Service" and the "Call Setting w/o ID" is recommended.
- The callers will hear the busy tone. Your FOMA handset performs no arrival call acts and the calls are recorded in Missed call history.

1 **Tap $$ on the Application Selector bar, and tap *Settings* ▶ *Call control* on the Menu bar, and then tap the *Reject* tab on the Call control screen**



2 **Tap $$ of *Not In Contacts*, and enter the code ▶ tap [Done] on the Handset Security Code entry screen**

Reject Unknown is set.

- If you have not set a Handset Security Code, the New Handset Security Code entry screen appears. Set the code. → P147

NOTE

- Calls with no Caller ID are not rejected. However, when the "Call Setting w/o ID" or "Ringless Time Setting" is set to ON, your FOMA handset acts according to these settings.
- Even when the "Voice Mail Service" or "Call Forwarding Service" is set to ON, these services are enabled if you set the ringing time to 0 second.
- If the caller has sent no Caller ID, your FOMA handset acts according to the "Call Setting w/o ID" settings.
- You can receive SMS/email messages regardless of this setting.

About Other Safety Settings

In addition, you can use the following safety settings:

Purpose	Function/Service name	Reference
To block "nuisance calls" such as mischievous calls or frequent malicious calls	Nuisance Call Blocking Service	P371
To protect your FOMA handset from vicious files (virus)	Virus scan function	P540

Camera

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Before Using Camera

Using Still Pictures and Video Clips Shot

You can display or play back still pictures and video clips you shot with the camera as well as using them for the following various usages:

- Viewing pictures continuously as a slide show → P276
- Editing images → P277
- Attaching images to email → P310
- Storing images in TransFlash memory card → P177
- Sending images via Bluetooth → P310
- Storing images in PC with Desktop Suite → P527

Notes When Using Camera

- Clean images cannot be obtained if the lens is stained with fingerprints or grease. Wipe the lens with a soft clean cloth before shooting an image.
- If the FOMA handset is left in a warm place for a long period prior to shooting/saving images, image quality may be deteriorated.
- Hold your FOMA handset firmly or place it on a stable place and use the self-timer when shooting. Otherwise, the image may be blurred.
- Note that if you attempt to take a picture of a strong light source such as the sun or a lamp, the image may become dark or may be degraded.
- Although the camera is manufactured using extremely precise technology, it may contain black and bright pixels and lines appearing constantly on the display. Also, shooting in poor lighting conditions may cause noises such as white lines to appear in a picture.
- Images shot by the camera may differ from actual subjects in color and brightness.

Copyrights and Portrait Rights

You are not allowed, by the Copyright Act, to reproduce, modify or edit the information recorded by FOMA handset without consent of the copyright holders except for personal use. Also, please refrain from unauthorized use of portraits or names of other persons without permission that may infringe on the portrait rights. Please be aware of copyrights and portrait rights when posing recorded data on Web pages. Note that filming or recording plays, entertainment, and exhibitions may be prohibited even if for personal use.

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

Using the Camera

You can use the cameras to take still pictures or record video clips as follows:

Shooting in landscape view

Back-Camera is suitable for taking persons or landscapes.

Illustration

Shooting in portrait view

Front-Camera is suitable for taking yourself.

Illustration

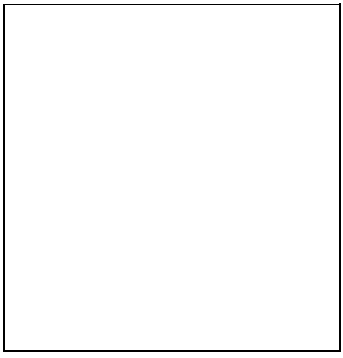
The cameras are located at the front (Front-camera) and back (Rear-camera). You can switch between these cameras during shooting.

Front-camera

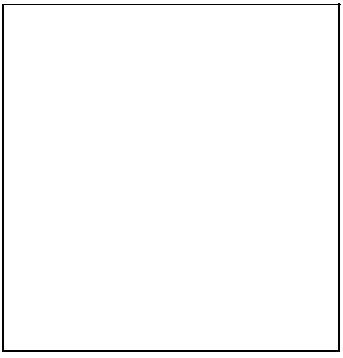
Your image appears horizontally reversed (mirror image) on the display. Still pictures and video clips shoot and saved appear as normal images.

Rear-camera

Shot Screen and Saving Format



Still mode screen



Video mode screen

Icon name	Icon	Description	
① **Shot mode**	$$	Appears when Still mode is set.	
	$$	Appears when Video mode is set.	
② **Still picture shot size**	$$	Rear-camera	Shot size: XL (1280 x 960)
	$$		Shot size: L (640 x 480)
	$$		Shot size: M (320 x 240)
	$$		Shot size: S (160 x 120)
	$$	Front-camera	Shot size: L (640 x 480)
	$$		Shot size: M (320 x 240)
	$$		Shot size: S (160 x 120)
③ **Self-timer ON**	$$	Appears when Self-timer is activated.	
④ **Audio OFF**	$$	Appears when recording video with audio set to OFF.	
⑤ **Creating new picture**	$$	Appears when camera is starting up.	
⑥ **REC**	$$	Appears when recording video.	
⑦ **Savable number of pictures**	$$	Displays the maximum number of still pictures you can take.	
⑧ **Recordable number of video clips**	$$	Displays the maximum number of video clips you can record.	
⑨ **Shutter**	$$	Tap $$ to shoot an image.	
⑩ **REC/STOP**	$$/$$	Tap $$/$$ to start/stop recording.	
⑪ **Recording progress indicator**	$$	Displays the estimated remaining time.	
⑫ **Image viewer***	$$	Tap $$ to view stored images.	
⑬ **Video player**	$$	Tap $$ to play video.	
⑭ **Switch camera**	$$	Tap $$ to switch between Front-camera and Rear-camera.	
⑮ **Still mode***	$$	Tap $$ to switch to Still mode.	
⑯ **Video mode***	$$	Tap $$ to switch to Video mode.	

*: Does not appear if you open the still mode screen from Contacts (→ P103).

Still Picture Files

File format	JPEG
Picture size	XL (1280 x 960), L (640 x 480), M (320 X 240), S (160 x 120)
Extension	.jpg
File name	"PICXXXXXX" (X is a 6-digit number.) • The picture file you took first is named "PIC000001". Then the picture file name increases by one in the order of "PIC000002" → "PIC000003". The file that comes after "PIC999999" is named "PIC000001". If the file having the same file name is already saved in the FOMA handset/ TransFlash memory card, the new file name is automatically changed to the next larger number.

Estimated Savable Number of Still Pictures

The savable number of still pictures varies depending on the setting values of ***Picture size/Picture quality*** and shooting conditions.

Estimated capacity of FOMA handset (Number of pictures)

Picture size	Picture quality		
	Best	High	Normal
XL (1280 x 960)	34	43	51
L (640 x 480)	148	183	226
M (320 x 240)	805	1022	1111
S (160 x 120)	3220	4130	5278

Estimated capacity of TransFlash memory card (Number of pictures)

Picture size	Picture quality		
	Best	High	Normal
XL (1280 x 960)	57	72	85
L (640 x 480)	249	308	380
M (320 x 240)	1356	1720	1871
S (160 x 120)	5424	6957	8889

• The table above shows the estimation when using the attached TransFlash memory card (sample).

Video Clip Files

File format	MP4 (MobileMP4)
Coding system	Video: MPEG4 Voice: AMR
Video size	QCIF (176 x 144)
Extension	.3gp

File name	"MOVXXXXXX" (X is a 6-digit number.) • The video file you recorded first is named "MOV000001". Then the video file name increases by one in the order of "MOV000002" → "MOV000003". The file that comes after "MOV999999" is named "MOV000001". If the file having the same file name is already saved in the FOMA handset/ TransFlash memory card, the new file name is automatically changed to the next larger number.

Estimated Recordable Number of Videos

The recordable number of videos varies depending on the setting values of ***Audio ON/OFF*** and shooting conditions.

Estimated capacity of FOMA handset (Number of videos)

Recordable time (seconds)	Audio	
	ON	OFF
300	6	7
12	163	204

- The number of videos when recording up to the maximum recordable time.

Estimated capacity of TransFlash memory card (Number of videos)

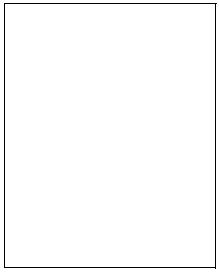
Recordable time (seconds)	Audio	
	ON	OFF
300	10	13
12	275	344

- The number of videos when recording up to the maximum recordable time.
- The table above shows the estimation when using the attached TransFlash memory card (sample).

Taking Still Pictures

You can take still pictures with the camera. Still pictures you took are saved in "$$ Picture" (→ P274) or the TransFlash memory card (→ P301). You can select the storage location (→ P177).

1 Press



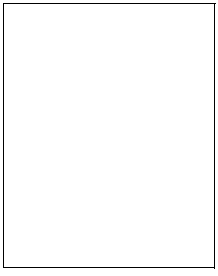
The camera starts up and the still mode screen appears.

- The image of camera previously used appears.

How to switch cameras. → P172

- If the video mode screen appears, tap $$ to switch the screen.

2 Point the camera at the object ➧ press /tap $$



The shutter sounds and the FOMA handset takes the still picture.

$$: Tap $$ to display the Send as screen to send the still picture you took. → P310

$$: Tap $$ to display the Delete file screen to delete the still picture you took.

1 Press /Tap $$

The still picture you took is saved.

- Tap $$ to view the still pictures you saved. → P274

■Menu bar

Tap *Camera* on the Menu bar to display the following items:

Camera settings P176
Self-timer ON/OFF P174
Mirroring ON/OFF P175
Low light ON/OFF P174

- Some items cannot be performed depending on operations.

NOTE

- The shutter sound cannot be muted or changed.
- Moving into Power saving mode (→ P136) during shooting stand-by automatically ends the camera.
- $$ indicates that there is not enough space in the FOMA handset. Delete or move unnecessary files. → P307, P308

Recording Video Clips

You can record video clips with the camera. Video clips you record are saved in "$$ Video" (→ P280) or the TransFlash memory card (→ P301). You can select the storage location (→ P177).

1 Press

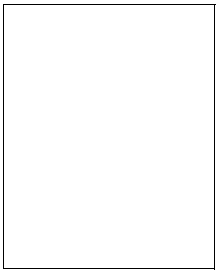
The camera starts up and the still mode screen appears.

- The image of camera previously used appears.

How to switch cameras. → P172

- If the video mode screen appears, go to Step 3.

2 Tap $$



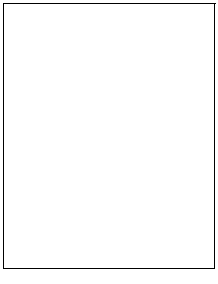
The video mode screen appears.

■**To record video with audio set to OFF**

Tap *Camera* ▶ *Audio OFF* on the Menu bar

- To turn Audio ON, Tap ***Camera*** ▶ ***Audio ON*** on the Menu bar.

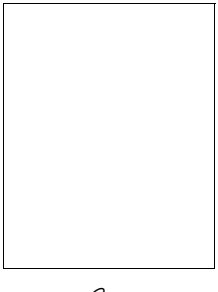
3 Press /Tap $$



The shutter sounds and the FOMA handset starts recording.

- During recording, the camera light flashes in red.

4 Press /Tap $$



The shutter sounds and the FOMA handset ends recording.

$$: Tap $$ to open the Send as screen to send the video you recorded. → P310

$$: Tap $$ to open the Delete file screen to delete the video you recorded.

$$/$$: Tap $$/$$ to start/stop playing back the video you recorded.

5 Press /Tap $$

The video you recorded is saved.

- Tap $$ to view the video you saved. → P280

■**Menu bar**

Tap *Camera* on the Menu bar to display the following items:

Camera settings P176
Self-timer ON/OFF P174
Low light ON/OFF P174
Mirroring ON/OFF P175
Audio ON/OFF P170

NOTE

- The shutter sound cannot be muted or changed.
- Moving into Power saving mode (→ P136) during shooting stand-by automatically ends the camera.
- When a call arrives during video recording, the video being recorded is automatically saved. However, if you change into another application during recording, the video being recorded will not be saved.
- $$ indicates that there is not enough space in the FOMA handset. Delete or move unnecessary files. → P307, P308

Changing Shot Settings

You can change the camera settings for shooting with the camera activated.

Switching Cameras

You can switch between the Front-camera and Rear-camera.

1 Tap $$ on the still/video mode screen

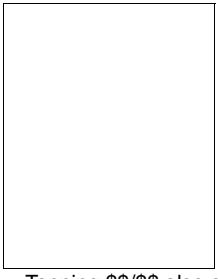
Zooming

You can zoom in an object in the distance when shooting.
The table below lists the available magnifications depend on the image shot size.

Shot mode	Image size	Zoom magnification		
		1x	2x	3x
Still pictures	XL (1280 x 960)	×	×	×
	L (640 x 480)	○	○	×
	M (320 x 240)	○	○	○
	S (160 x 120)	○	○	○
Videos	-	○	○	○

- You cannot use the zoom function when using the Front-camera.

1 Press ▲ ▼ on the still/video mode screen



- Tapping $$/$$ also changes the zoom magnification.

NOTE

- Ending the camera cancels the zooming you adjusted.

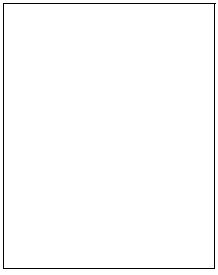
Adjusting the Brightness

Default setting | 0

You can adjust the brightness of the display to any of 5 levels (-2/-1/0/1/2).

1 Press ▲▼◀▶ on the still/video mode screen ▶ press ▶

- Tapping $$/$$ also changes the brightness level.



NOTE

- Ending the camera cancels the brightness you adjusted.

Setting the Contrast

Default setting | 0

You can set the contrast of the display to any of 5 levels (2/-1/0/1/2).

1 Press ▲▼◀▶ on the still/video mode screen ▶ press ▶

- Tapping $$/$$ also changes the contrast level.

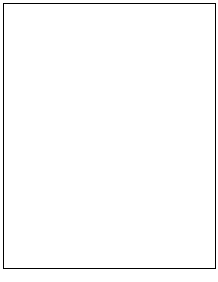
NOTE

- Ending the camera cancels the contrast you adjusted.

Using Self Timer

If you set Self timer to ON, images are automatically shot about 10 seconds later.

1 Tap *Camera* ▶ *Self timer ON* on the Menu bar on the still/video mode screen



2 Press ☝/tap $$/$$

The counter sounds and the image is shot about 10 seconds later.

- To stop Self timer, press ☝/tap $$.

NOTE

- When the shot by Self timer ends, Self timer setting is automatically canceled.

Using Low Light Mode

Default setting	Low light OFF

Use this function when shooting in poor light conditions.

1 Tap *Camera* ▶ *Low light ON* on the Menu bar on the still/video mode screen

- Tap *Camera* ▶ *Low light OFF* on the Menu bar to turn Low light OFF.

Turning Mirroring ON/OFF

Default setting	Mirroring ON

You can display an image horizontally reversed (Mirroring ON) or display as a normal image (Mirroring OFF).

- You can turn Mirroring On/OFF only when using the Front-camera.

1 Tap *Camera* ▶ *Mirroring OFF* on the Menu bar on the still/video mode screen

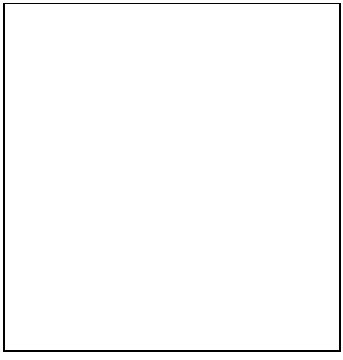
- Tap *Camera* ▶ *Mirroring ON* on the Menu bar to turn Mirroring ON.
- Still pictures/video clips you shot are saved as normal images (Mirroring OFF) regardless of this setting.

Changing the Camera Settings

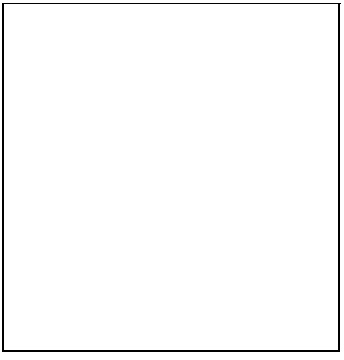
Default setting	Image size: Middle Image quality: Best Maximum duration: 300 seconds Ambient lighting: Auto Flicker correction: 50Hz

You can change the camera settings such as the size and quality of still pictures/video clips to be shot with the camera.

1 Tap *Camera* ▶ *Camera settings* on the Menu bar on the still/video mode screen, and tap the item to set, and tap [Done] after setting



Camera settings screen for still pictures



Camera settings screen for video clips

Image size

Extra large	:	SXGA (1280 x 960 dots)
Large	:	VGA (640 x 480 dots)
Middle	:	QVGA (320 x 240 dots)
Small	:	QQVGA (160 x 120 dots)

Image quality

Best	:	Best quality. The maximum number of shots you can take decreases.
High	:	High quality.
Normal	:	Standard quality. The maximum number of shots you can take increases.

Maximum duration

300 seconds	:	Shooting is available up to about 300 seconds.
12 seconds	:	Shooting is available up to about 12 seconds. The file size of images you shot is about 100 Kbytes.

Ambient lighting

Auto	:	Adjusts white balance automatically.
Sunny	:	When shooting outdoors in fine weather.
Indoor Home	:	When shooting under bulb/incandescent lighting.

Indoor Office : When shooting under fluorescent lighting.

Flicker correction

50Hz : If flicker occurs when shooting under fluorescent lighting at 50 Hz.

60Hz : If flicker occurs when shooting under fluorescent lighting at 60 Hz.

Setting Saving Destination

You can select the storage destination for still pictures/video clips you shot.

1 Tap *Unfiled** ▶ the destination folder name on the Menu bar on the still/video mode screen

*: The name of folder previously selected appears.

Internet

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■Opening Web Pages via the Internet

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About the Internet

You can browse Web pages via the Internet.

●Opening Web Paves → P192
You can access to the Internet easily to browse Web pages created for PCs.

●Adding Bookmarks → P204
You can open Web pages you frequently view quickly by adding bookmarks for the pages.

●Saving Web Page Information → P207
You can save Web pages you might want to refer to later.

●Downloading Data from Web Pages → P211
You can download various applications from the Internet and save them in your FOMA handset.

Using the Internet

To use the Internet, you need to use mopera (→ P182), subscribe to an Internet service provider that supports FOMA, and make the Internet connection setting (→ P185). For details, see "Preparation Flow for Using the Internet" (→ P182).

Available Communication Functions

Your FOMA handset supports the following 3 communication methods: 64K data communications, packet communications and wireless LAN.

■64K data communications and packet communications

You can choose between packet and 64K data communications for accessing the Internet. Each communication method differs in the following points:

Communication method	Data rate	Communication charge	Access point
64K data communications	64 Kbps	Charges based on connection time.	FOMA/mopera 64K data communication access points/ISDN synchronized 64K access points
Packet communications	Sending at up to 64 Kbps*	Receiving at up to 384 Kbps*	Charges based on the volume of data transmitted.FOMA packet communication access points (mopera, etc.)

*: Data rate may decrease depending on the communication environment and network conditions.

■Wireless LAN

You can access the Internet via LAN. To do this, you have to make the wireless LAN setting. → P392

Before Using the Internet

- When you use an Internet service provider other than mopera, monthly fee for the provider is required, in addition to the FOMA monthly fee. For more information on monthly fee, contact your Internet service provider.

- Please be aware that communications charges will be high when you use 64K data communications for long duration.
- Please be aware that communications charges will be high when you use packet communications to transmit large volumes of data such as when viewing websites with images and downloading data.
- Even when the connection conditions are satisfied, if the base station is congested or the radio wave status is wrong, you may not carry out communications.

■Internet Glossary

Cache
The place where the FOMA handset temporarily stores data such as Web pages that you have displayed. You can easily return to previously viewed Web pages because their data is held in the cache for quick retrieval.

Gateway
A server that converts different communications protocols so that information can be passed between heterogeneous devices on networks.

Subnet mask
A number that identifies the subnetwork where an IP address is shared by multiple networks.

Primary DNS/Secondary DNS
A server address for searching domain names. "Primary" is a main server and "secondary" is a secondary server.

Plain text authentication
The authentication method that identifies a user through plain text without encrypting data for network communications.

Proxy server
A server that receives reguest from a browser and accesses to the Web server instead of the browser.

cookies
The function that stores information in the FOMA handset memory and retrieves it when necessary. For example, when you do shopping on the Internet, your fixed information such as name or email address is stored in cookies for the first time. When you return to the same Web site for shopping, the stored information appears automatically as the default values.

DNS (Domain Name System)
The database system that translates a domain name address into an IP address.
For example, a numerical value "XXX.XXX.XXX.XXX" is translated into "XXX.com".

IP (Internet Protocol) address
A numerical value such as "XXX.XXX.XXX.XXX" that identifies a device connected to the Internet, and is translated into a domain name by the DNS server. An IP address is uniquely assigned to all devices connected to the Internet.

JavaScript
A program written in Java programming language. Generally, it is used for placing emphasis on images.

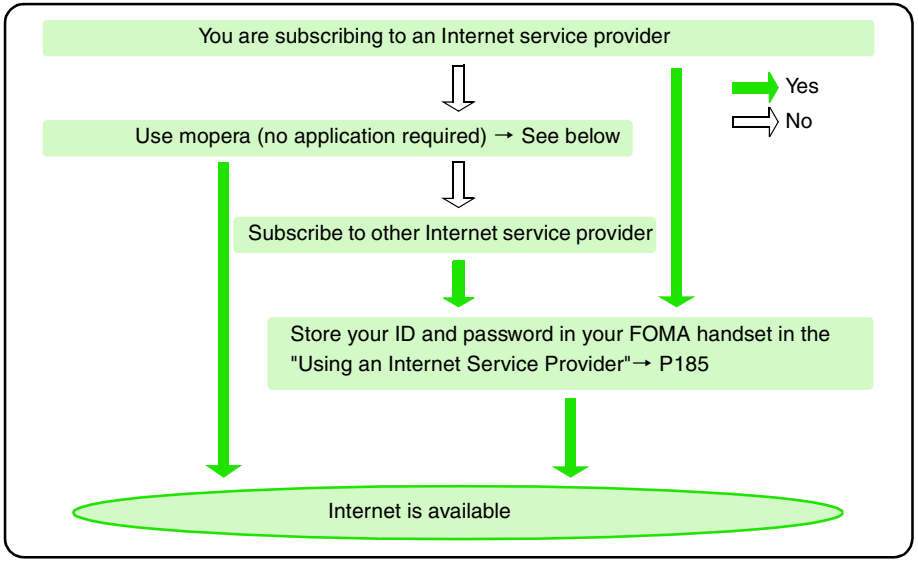
PPP (Point to Point Protocol)
A protocol for transmitting data between 2 points.

VPN (Virtual Private Network)
A virtual private network that uses the Internet.

Setting up the Internet

Before using the Internet, you have to set up the following connection settings.

Preparation Flow for Using the Internet



Using mopera

DoCoMo's Internet connection service "mopera" allows you to use the Internet with a few simple procedures.

■mopera Services

The following services are available:

mopera Net Surfing

You can easily access the Internet with no application and only pay communications charges. It is ideally suited for users who want to browse Web pages quickly through your FOMA handset.

mopera mail

This service enables you to use email as well as various mail optional services. After making an application for this service at a DoCoMo shop or by phone, you can easily make the mail settings with your FOMA handset. → P226

mopera Quick Start Settings

With mopera Quick Start, you can store the connection information to mopera via packet or 64K data communications in your FOMA handset.

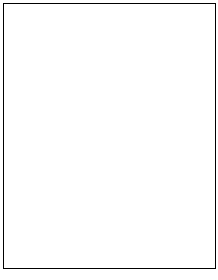
1 **Tap $$ ▶ $$ in the Application Selector bar, and tap the *Connections* tab ▶ *Internet account* on the Control panel screen**

2 **Tap *Quick Start* tab**

■To check the Quick Start settings

* Usually, you do not have to change the settings.

Tap [Edit]. On the screen below, make necessary settings → tap [DONE].



Name : The profile name for Quick Start appears.

URL : Enter the URL for connecting to the Quick Start server.

- Tap [Advanced] to view the Quick Start settings. → P187 to P190
- Tap [Cancel] to cancel the setting.

3 **Tap [Auto Setting]**

4 **Tap [Auto Setting], and tap [Yes] on the confirmation screen**

- Tap [No] to cancel the setting.

5 **Tap [Done]**

Using an Internet Service Provider

Default setting	Account name: mopera Bearer: Packet

To use the Internet without using mopera, you need to subscribe to an Internet service provider. Please sign up for an Internet service provider in advance.

- For your FOMA handset, the mopera connection information (packet/64K data communications) are set by default. If you use mopera Net Surfing only, no application or settings are required.

■**Preparation for setting**

Check the following information that your provider provides.

Bearer

The type of line (packet/64K data communications).

Account name

A name such as a provider name for confirmation. The official name is not required.

APN (Phone number)

A phone number used to establish the dial-up connection (Connection to the Internet by dialling to an access point through a telephone line). Selecting an access point that supports FOMA is required.

User name

A user name used to establish the dial-up connection to the Internet service provider. Called differently by some providers.

Password

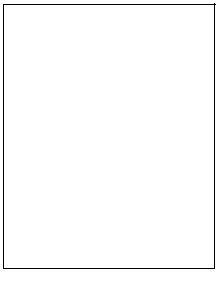
A password used to establish the dial-up connection to the Internet service provider. Called differently by some providers.

Caller ID

The setting whether notify or not notify the Caller ID.

- The information necessary for connecting to the Internet such as items to set, item names or the value may differ. For details on the information, contact your Internet service provider.

1 Tap $$ ▶ $$ in the Application Selector bar, and on the Control panel screen, tap the *Connections* tab ▶ *Internet account*.



■**To edit the information you have set**

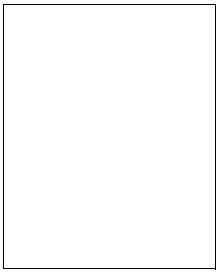
Tap the account name ▶ [Edit]

Perform the operation from Step 2 as needed.

■**To delete the information you have set**

Tap the account name ▶ [Delete], and tap [Yes] on the confirmation screen.

2 Tap [New]



Account name : Enter a provider name, etc. to set.
- Up to 50 double- or single-byte characters can be entered.

Bearer

FOMA CSD : Select this when using FOMA 64K data communications.

GSM CSD : Select this when using data communications in a GSM area.

Packet : Select this when using FOMA packet communications.

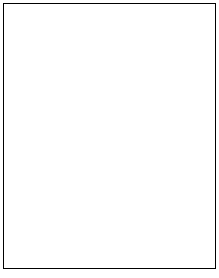
WLAN : Select this when using a wireless LAN.

3 Tap *Account name* and enter a provider name, etc.

4 Tap *Bearer* and select between *FOMA CSD/PACKET*

■**When selecting FOMA CSD**

New items are added below ***Bearer***. Enter these items.



User name : Enter the user name used to connect to your Internet service provider.
- Up to 256 double- or single-byte characters can be entered.

Password : Enter the password used to connect to your Internet service provider. Entered password is masked by asterisks ("*").
- Up to 256 single-byte characters can be entered.

Phone number : Enter a phone number of an access point of your Internet service provider.
- Up to 50 single-byte characters can be entered.

5 Tap [Advanced], and tap the tab to set on the Advanced setting screen

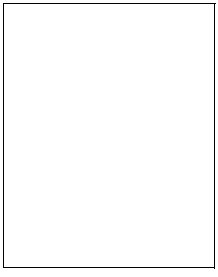
- For each tab settings, see pages 187 to 190.

Modem Tab

Default setting	User name: /Password: $$Username: -Password: -APN: -PDP TYPE: IP

You can make the settings for the IP (Internet Protocol) address and DNS (Domain Name Server). Set necessary items according to the information provided by your Internet service provider.

1 In Step 5 on P186, tap *Modem* tab ▶ tap the item to set, and tap [Done] after setting, and then tap [Done] on the Internet account screen



User name and password
: Check when entering the User name/Password. Before checking, the settings for ***User name/ Password*** are required.
$$ to enter, $$ not to enter.

User name
: Enter the user name used to connect to your Internet service provider.
- Up to 256 double- or single-byte characters can be entered

Password : Enter the password used to connect to your Internet service provider. Entered password is masked by asterisks ("*").
- Up to 256 single-byte characters can be entered.

APN : Enter the name of an access point of your Internet service provider.
- Up to 32 double- or single-byte characters can be entered

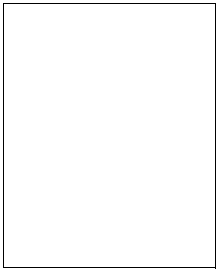
PDP TYPE : Set the protocol used to establish communications.

IP/DNS Tab

Default setting	Get IP address automatically: $$IP address: 0.0.0.0Subnet mask: 0.0.0.0Gateway address: 0.0.0.0Get DNS address automatically: $$Primary DNS address: 0.0.0.0Secondary DNS address: 0.0.0.0

You can make the settings for the IP (Internet Protocol) address and DNS (Domain Name Server). Set necessary items according to the information provided by your Internet service provider.

1 In Step 5 on P186, tap *IP/DNS* tab ▶ tap the item to set, and tap [Done] after setting, and then tap [Done] on the Internet account screen



Get IP address automatically
: Check when you assign the IP address to your FOMA handset automatically on the network. If you do not check this, the settings for ***IP address/Subnet mask/Gateway address*** are required.
$$ to assign, $$not to assign.

IP address : Enter the IP address.
- Enter 0 to 255 for each block.

Subnet mask : Enter the subnet mask.
- Enter 0 to 255 for each block.

Gateway address
: Enter the gateway address.
- Enter 0 to 255 for each block.

Get DNS address automatically
: Check when you assign the DNS address to your FOMA handset automatically on the network. If you do not check this, the settings for ***Primary DNS address/Secondary DNS address*** are required.

Primary DNS address
: Enter the main DNS address.
- Enter 0 to 255 for each block.

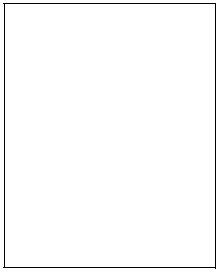
Secondary DNS address
: Enter the sub DNS address.
- Enter 0 to 255 for each block.

Proxy Tab

Default setting	Use proxy server: $$Auto proxy: $$Auto proxy server address: -Proxy server address: -Proxy server port: 0Exclude proxy: -

You can set the proxy server used to connect to the Internet via an intranet. Set necessary items according to the information provided by your Internet service provider.

1 In Step 5 on P186, tap *Proxy* tab▶ tap the item to set, and tap [Done] after setting, and then tap [Done] on the Internet account screen



Use proxy server

: Check when using the proxy server.
$$ to use, $$ not to use.

Auto proxy setting

: Check when getting the proxy settings automatically.
$$ to get, $$ not to get.

Auto proxy server address

: When ***Use proxy server/Auto proxy*** is set to $$, enter the address of the auto proxy server.

- Up to 50 single-byte characters can be entered.

Proxy server address

: When ***Use proxy server*** is set to $$ and ***Auto proxy*** is set to $$, enter the address of the proxy server.

- Up to 50 single-byte characters can be entered.

Proxy server port

: When ***Use proxy server*** is set to $$ and ***Auto proxy*** is set to $$, enter the address of the proxy server.

- The effective port is 0 to 65535.

Proxy exclusion

: When ***Use proxy server*** is set to $$ and ***Auto proxy*** is set to $$, enter an URL requiring no connection to the proxy server.

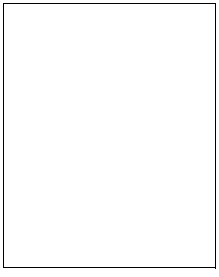
- Up to 256 single-byte characters can be entered.

Other Tab

Default setting	PPP Compression: $$Plain text authentication: $$Caller ID: OFF (FOMA CSD) ON (PACKET)Auto launch VPN: $$VPN policy: -

You can make other settings required to connect to the Internet. Set necessary items according to the information provided by your Internet service provider.

1 In Step 5 on P186, tap *Other* tab▶ tap the item to set, and tap [Done] after setting, and then tap [Done] on the Internet account screen



PPP Compression
: Check when executing PPP (Point to Point Protocol) compression.
$$ to compress, $$ not to compress.

Plain text authentication
: Check when executing the plain text authentication.
$$ to authenticate, $$ not to authenticate.

Caller number identification
: Set the Caller ID.
ON prefixes 186 and ***OFF*** prefixes 184 automatically. System setting is according to the ***Caller ID*** setting (→ P62).
- In ***FOMA CSD*** setting, no ***System*** appears.

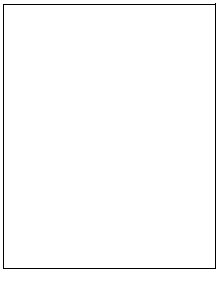
Auto launch VPN
: Check if you enable VPN policy automatically when starting connection. If you check this, the settings for ***VPN policy*** are required.
$$ to enable, $$ to disable.
- When no VPN is installed or no VPN policy is provided, you cannot set this item.

VPN policy : Select VPN policy that is enabled automatically when starting connection.

Setting Timeout

You can set the time to automatically disconnect the Internet.

1 Tap $$ ▶ $$ in the Application Selector bar, and tap the *Connection* tab ▶ *Internet account* on the Control panel screen, and then tap *Other* tab to make the settings on the Internet account screen



Dial-up timeout
: Selects the duration between the dial-up connection and automatic disconnection.
- If you do not automatically disconnect the Internet, select [Never].

Packet timeout: Selects the duration between the packet connection and automatic disconnection.
- If you do not automatically disconnect the Internet, select [Never].

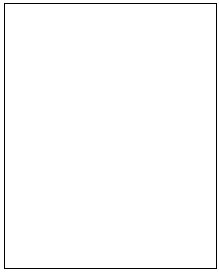
2 Tap the item to set and tap [Done]after setting

- Tap [Cancel] to cancel the setting.

Opening Web Pages

You can open Web pages with simple operations. Before you can open Web pages, you have to set up the Internet connection. →P182

Web Page Screen



Menu Bar

Content View Area

Scroll Bar

Icon name	Icon	Description
① **Tab**	$$	Completed downloading all Web page data.
	$$	Downloading Web page data.
	$$	Completed downloading all SSL-enabled Web page data.
	$$	Downloading SSL-enabled Web page data.
② **Back**	$$	Returns to the previously displayed page (address).
③ **Forward**	$$	After returning to the previous page by "Back", goes to the next page (address).
④ **Stop/Refresh**	$$/$$	When loading a page, stops reloading. When not loading, updates the current page to the latest.
⑤ **Progress Bar**	$$	Appears during URL searching.
	$$	Total data amount to download is unclear. Completed downloading.
	$$	Total data amount to download is clear. Completed downloading.
	$$	Downloading multiple data."Total number of data items/Number of downloaded items" - "Downloaded data amount".

■**Menu bar**

Tap ***Browse*** or ***Edit*** on the Menu bar to display the following items:

Browse

Open page P201
Close tab. P201
Page information. P202
Find. P203
Bookmarks P204
Saved pages. P208
History P204
Downloads P211
Disconnect P195

Edit

Copy P210
Paste P210
Cut P210
Select all. P210
Full-Screen. P199
Landscape P199
Fit-to-Screen. P199
Zoom P141
Preferences P214

- Some items might not be available depending on the operation.

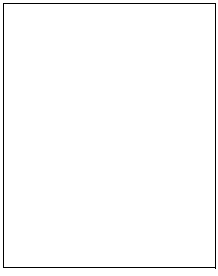
■**Popup menu**

Point a blank part in the Content view area to display the following items:

Link P202
Image P203
Back P197
Forward. P197
Reload P198
Tab P198
Show. P199

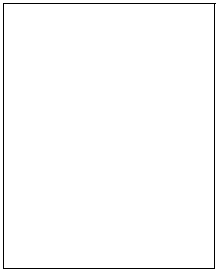
Opening Web Pages via the Internet

1 Tap $$ in the Application Selector bar



- If your FOMA handset has already connected to the Internet, the left screen does not appear.

2 Tap *Account name* and select the account ▶ Tap *Connections*



3 Tap the item (linked page)

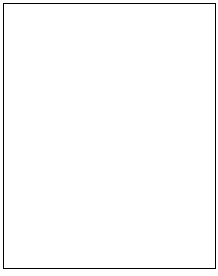
Repeat Step 3 to open your desired Web page.

Disconnecting the Internet

1 While viewing the Web page, tap *Browse*▶ *Disconnect* ▶ *Yes* on the Menu bar

The Internet is disconnected.

■Security communications



You can open Web pages compatible with SSL (Secure Sockets Layer). SSL-enabled pages use data encryption for data transmission to prevent hacking or impersonation so that you can more safely exchange personal information such as addresses, phone numbers and credit card numbers.

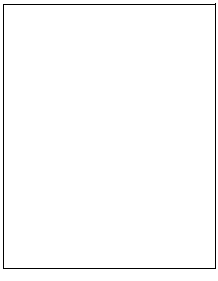
- To connect to SSL pages, the CA certificate is required. You can check the content of the certificate as well as enable/disable it. →P220

Operations When Opening Web Pages

Basic operations when opening Web pages are as follows:

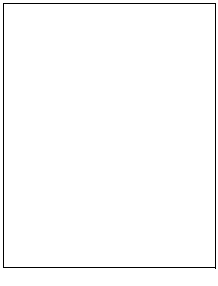
Selecting Linked pages/Items

■Link



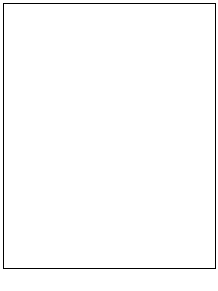
An item used to go to related pages from the current Web page.
Tap your desired item to open the linked Web page.

■Text box



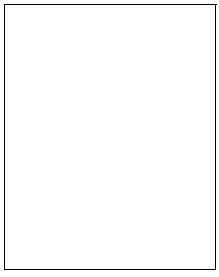
A box where you can enter characters.
Tap a text box to enter characters.

■Radio button



Radio buttons are for selecting one of multiple options.
Tap $$ to change $$ to $$.

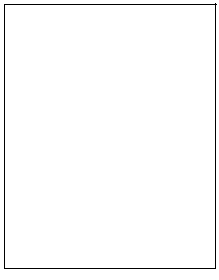
Check box



Check boxes are for selecting one or more items from multiple options.
Tap $$ to change $$ to $$.

- If you tap a marked box again, it becomes unmarked.

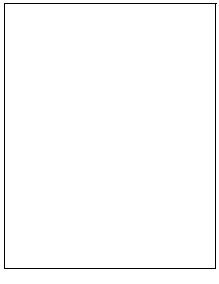
Pull down menu



With pull down menus, you cannot see the choices until you select a menu. Once selected, a list appears for further selection.
Tap a pull down menu. From a list, tap the item.

Opening the Previous/Next Page

You can return to the last Web page viewed or go to the next page.



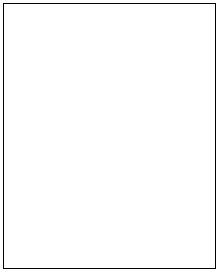
$$: The FOMA handset saves the last page you viewed. Tap to return to the previous page.

$$: The FOMA handset saves the next page. Tap to go to the next page.

Scrolling the Display

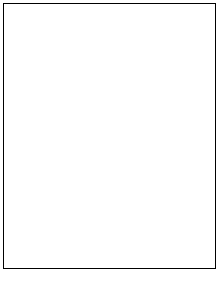
While viewing Web pages, if the content of the page is larger than the display, you can scroll the display to see the entire information.

■To scroll by dragging the Scroll bar



Drag the scroll bar to display the hidden part.

■To scroll by dragging the screen



Drag the screen to display the hidden part.

NOTE

- You can also scroll the screen with the Navigation key.

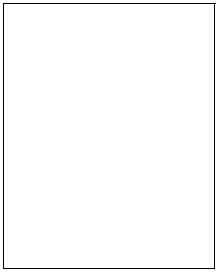
Changing Tabs

When multiple tabs appear, you switch the tab.

1 While viewing the Web page, point a blank part in the Content view area, and tap *Tab* ▶ the desired tab on the Popup menu

Reloading Information

You can update the Web page information to the latest. If the Web page cannot appear due to disconnection, etc., you may display the page by this operation.

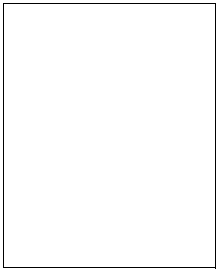


$$: Tap to reload the information.

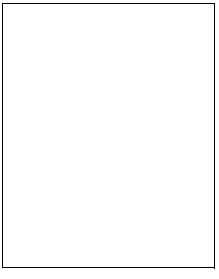
- During reloading, tap $$ to stop reloading.

Changing a Web Page View

You can change the Web page view. Select one of the following 4 views:

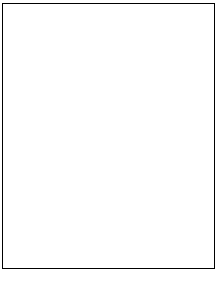


Full-Screen



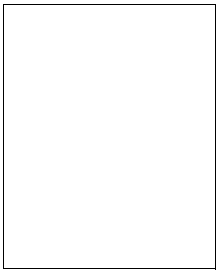
Fit-to-Screen

Landscape



Zoom

1 While viewing the Web page, tap *Edit* on the Menu bar



Full-Screen : Displays a Web page in the original size. The content of the Web page exceeds the display area.
- When displaying in ***Landscape***, you cannot select this.

Landscape : Displays a Web page in the original size with 90-degree rotated to the right. The content of the Web page exceeds the display area.
- You can set the rotation direction. →P218

Fit-to-Screen : Displays a Web page to fit on the display size. The content of the Web page is fixed to the width of the display.

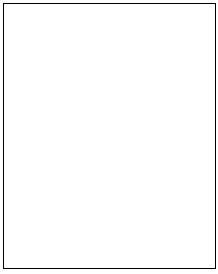
Zoom : Set the desired zoom level to change the display size.

2 Tap a view

■To cancel the view you set

While viewing the Web page, tap *Edit* ▶ the view with $$ on the Menu bar.

■When selecting Zoom



Drag $$ to change the zoom level→ tap [Done]
- Set ***AutoZoom*** to $$ to automatically adjust the Web page size when displaying, if the page supports this function.

■To display the Menu bar in *Full-Screen/Landscape* view

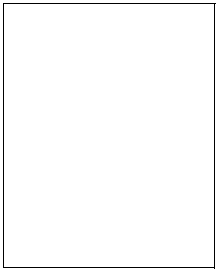
Point the screen and tap *Menu bar* in the Popup menu/press .

NOTE
- Pressing also changes into ***Landscape*** view. Press again to return to the previous view.
- If you change a view, some Web pages may not appear.

Opening Web Pages by Entering URL

You can enter the URL to open your desired Web pages. You can also open the Web pages by adding a new tab.

1 While viewing the Web page, tap *Browse* ▶ *Open page* on the Menu bar



- Tap $$ on the right end of ***Location*** to list recently accessed URLs (up to 10 URLs). You can open the Web page by selecting the URL from the list.
- Tap [Cancel] to cancel the operations.

■To open Web pages by adding a new tab

Check [Open page in new window $$].

$$ to add, $$ not to add.

2 Tap *Location*, and enter an URL ▶ tap [Open]

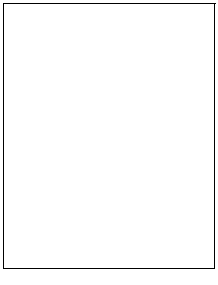
- Up to XX single-byte characters can be entered for an URL.

■To close the tab you added

While viewing the Web page of the tab, tap ***Browse*** ▶ ***Close*** tab on the Menu bar

Viewing Web Page Information

1 While viewing the Web page, tap *Browse* ▶ *Page information* on the Menu bar



Title : Displays the title of the Web page.
Location : Displays the URL of the Web page.
Size of page : Displays the size of the Web page.
Security : Displays whether the Web page supports data encryption.

■To copy the URL of the current Web page

Tap [Copy URL]

- How to paste. → P210

■To add a bookmark for the current Web page

Tap [Bookmark]

- Subsequent operations → P204

■To save the current Web page

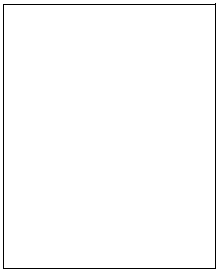
Tap [Save]

- Subsequent operations → P207

2 Check the information and tap [Done]

Viewing Link Information

1 While viewing the Web page, use ✥ to select the link, and point a blank part in the Content view area and tap *Link* on the Popup menu



■To view the linked page

Tap [Open]

- Set [New tab] to $$ to view the linked page on the new tab.

■To copy the URL of the linked page

Tap [Copy URL]

- Subsequent operations → P210

■To add a bookmark for the linked page

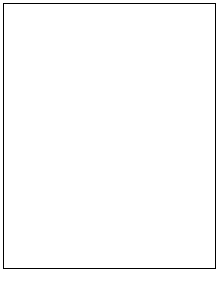
Tap [Bookmark]

- Subsequent operations → P204

2 Check the information ant tap [Done]

Viewing Image Information

1 While viewing the Web page, point an image and tap *Image* on the Popup menu



■To view an image with the Image viewer

Tap [Open]

- Subsequent operations → P274

■To save an image in the FOMA handset

Tap [Save]

- Storage destination → P274

■To send an image

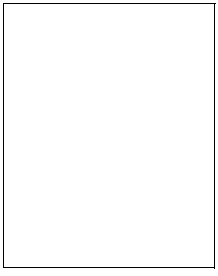
Tap [send]

- Subsequent operations → P310

2 Check the information ant tap [Done]

Finding Text in Web Pages

1 While viewing the Web page, tap *Browse* ▶ *Find* on the Menu bar



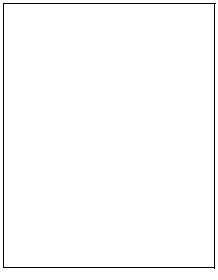
- Tap [Cancel] to cancel the operations.

2 Enter the characters to find, and tap [Direction] ([$$ Up]/[$$ Down]) ▶ tap [Find]

Opening Web Pages from History

Web pages you viewed are saved in History. You can directly view the Web pages from History.

1 While viewing the Web page, tap *Browse* ▶ *History* on the Menu bar



■**To clear History**

Tap [Clear]

- Tap [Cancel] to cancel the operations.
- Tap [Open] to view the highlighted Web page.

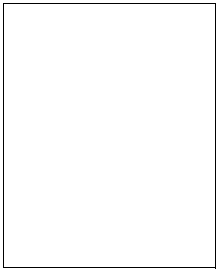
2 Tap the Web page to view

Opening Web Pages Quickly by Adding Bookmarks

Adding Bookmarks for Web Pages

To return to Web pages you frequently view quickly, add bookmarks for the pages. Up to XXX bookmarks can be added.

1 While viewing the Web page, tap *Browse* ▶ *Page information* on the Menu bar and tap [Bookmarks] on the Page information screen



- Tap [Cancel] to cancel the operations.

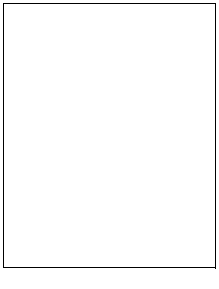
2 Tap *Title* and enter a title ▶ tap [Add]

- Up to XX double- or single-byte characters can be entered for a title.

Opening Web Pages from Bookmarks

You can easily open Web pages from bookmarks you added.

1 While viewing the Web page, tap *Browse* ▶ *Bookmarks* on the Menu bar



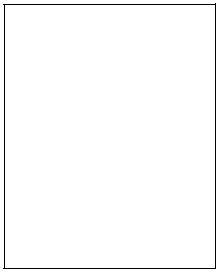
2 Tap the bookmark for the Web page to view

Editing Bookmarks

You can select and edit bookmarks you added.

1 While viewing the Web page, tap *Browse* ▶ *Bookmarks* on the Menu bar

2 Tap $$ of the bookmark to edit



Location : Displays the URL of a bookmark to edit.

■To change the title of a bookmark

Tap *Title* and enter a new title

- Up to XX double- or singly-byte characters can be entered.

■To send the URL of a bookmark

Tap [send]

- **Subsequent operations → P310**

■To delete a bookmark

Tap [Delete], and tap [Yes] on the Delete confirmation screen

3 Tap [DONE]

Deleting Bookmarks

You can select and delete bookmarks you added.

1 While viewing the Web page, tap *Browse* ▶ *Bookmarks* on the Menu bar

2 Tap $$ of the bookmark to delete

$$ changes into $$.

3 On the Menu bar, tap *Browse*▶ *Delete*, and tap [Yes] on the delete confirmation screen

- Tap [No] to cancel deleting.

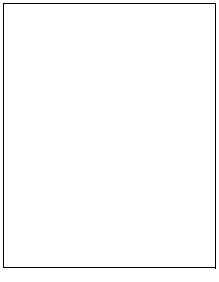
4 Tap [Yes]

Saving Web Pages Information

Saving Web Pages

You can save Web pages you might want to refer to later. Up to XXX pages can be saved. (The maximum number of savable pages varies depending on the amount of data of the pages.)

1 While viewing the Web page, tap *Browse* ▶ *Page information* on the Menu bar, and then tap [Save] on the Page information screen



- Tap [Cancel] to cancel the operations.

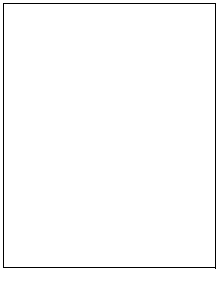
2 Enter the title ▶ tap [Save]

- Up to XX double- or single-byte characters can be entered for a title.

Opening Web Pages You Saved

You can select and open Web pages you saved.

1 While viewing the Web page, tap *Browse* ▶ *Saved pages* on the Menu bar

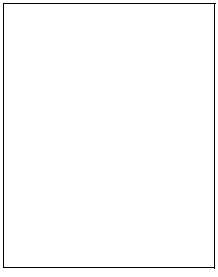


2 Tap the Web page name to view

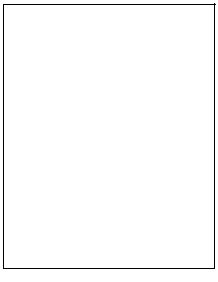
Editing Web Pages You Saved

You can select and edit Web pages you saved.

1 While viewing the Web page, tap *Browse* ▶ *Saved pages* on the Menu bar



2 Tap $$ of the Web page to edit



Size of page : Displays the file size of the Web pages you saved.

Last modified : Displays the date when you saved the pages.

■To change the title

Tap *Title* and enter a new title

- Up to XX double- or single-byte characters can be entered for a title.

■To delete the Web page

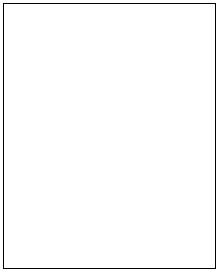
Tap [Delete], and tap [Yes] on the Delete confirmation screen

3 Tap [Done]

Deleting Web Pages You Saved

You can select and delete Web pages you saved.

1 While viewing the Web page, tap *Browse* ▶ *Saved pages* on the Menu bar



2 Tap $$ of the Web page to delete

$$ changes into $$.

3 On the Menu bar, tap *Browse*▶ *Delete*, and tap [Yes] on the delete confirmation screen

- Tap [No] to cancel the operations.

Copying/Cutting and Pasting Text in Web Pages

You can copy, cut and paste characters you entered or the content of Web pages into other entry screens.

Copying/Cutting

1 Drag the area to copy ▶ tap *Edit*▶ *Copy/Cut* on the Menu bar,

The copied/cut information is stored in the clipboard.

■To copy/cut all information on a page

① Tap *Edit* ▶ *Select all* on the Menu bar

The all information on the screen is selected.

② Tap *Edit*▶ *Copy/Cut* on the Menu bar,

The copied/cut information is stored in the clipboard.

NOTE

- A memory area where copied/cut information is stored. The clipboard stores a copy of the last information that was copied or cut. Copying/cutting other information overwrites the data stored in the clipboard. Turning the FOMA handset off or resetting the settings also clears the data in the clipboard.

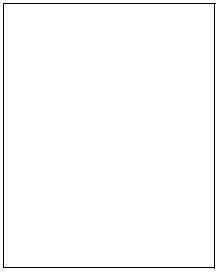
Pasting

1 Tap the position to paste the data, and tap *Edit* ▶ *Paste* on the Menu bar

Downloading Data from Web Pages

You can download various applications from the Internet. You can also delete data you downloaded later.

1 While viewing the Web page, tap the item to download



$$: Data being downloaded.
$$: Data that is suspended during downloading.
$$: Data that has been downloaded.

2 Downloading completes

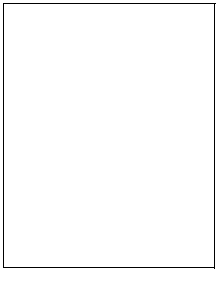
NOTE

- Installing data you downloaded → P268

Installing Ring Tone Files

You can install downloaded ring tone files as ring tones.

1 Tap the ring tone file to install on the Download data list screen



$$: Stops audio
$$: Plays back audio.

■To delete a ring tone file

Tap [Delete]

■To save a ring tone file in the FOMA handset

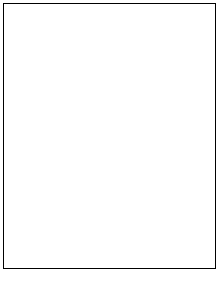
Tap [Save]

2 Tap [Install ring tone]

Viewing Downloaded Data Information

You can view details on data you downloaded.

1 Gap $$ of data to view on the Download data list screen



name : Displays a name of the data.
Current size : Displays the size of the current file.
Total size : Displays the total size of the files.
Location : Displays the URL of the source file.
Date : Displays the date of the data created.

2 Check the information and tap [Done]

Deleting Downloaded Data

You can select and delete data you downloaded.

1 On the Download data list screen, tap $$ of data to delete

$$ changes into $$.

2 Tap *Browse*▶*Delete* on the Menu bar, and tap [Yes] on the delete confirmation screen

- Tap [No] to cancel deleting.

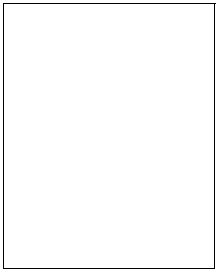
Using Phone To/Mail To/Web To Functions

By tapping highlighted information (a phone number, email address, or URL) on a Web page/email screen, you can make a call, send a message or open a Web page.

Using Phone To Function

By tapping a phone number, etc. on a Web page/email, you can make a call.

1 Tap a displayed phone number, etc.



2 Tap [Dial]/[Video Call]

- Subsequent operations → P66, P86

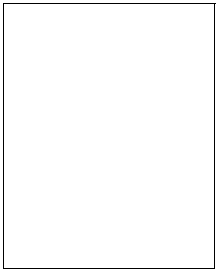
NOTE

- Phone To function may not be available depending on Web pages.

Using Mail To Function

By tapping an email address, etc. on a Web page/email, you can send an email message.

1 Tap a displayed email address, etc.



The email composing screen with the email address entered appears.

- Subsequent operations → Step 3 on P235

NOTE

- Mail To function may not be available depending on Web pages.

Using Web To Function

By tapping an URL, etc. on a Web page/email, you can open a Web page.

1 Tap a displayed URL, etc.

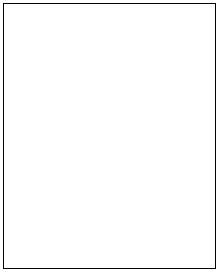
NOTE

- Web To function may not be available depending on Web pages.

Setting Web Browser Preferences

You can make various browser settings.

1 While viewing the Web page, tap *Edit* ▶ *Preferences* on the Menu bar



2 Tap the tab to set

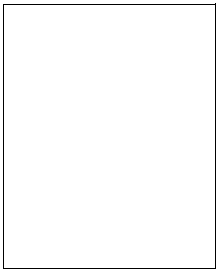
- For each tab settings, see pages 215 to 219.

General Tab

Default setting	Choose encoding: Automatic selection Fallback: Shift-JIS HTTP Timeout: 60 seconds Homepage: Blank

On the General tab, you can set various browser settings including the character code for the browser, the time to connect, and the default homepage.

1 In Step 2 on P214, tap *General* tab ▶ tap the item to set, and tap [Done] after setting



Choose encoding
: Set the normal character code.

Fallback : Set the spare character code.

HTTP Timeout
: Some Web pages require a while to open. Set the time before the FOMA handset stops opening the Web page.

Homepage : Enter the URL for the default home page.

- Tap [Use current] to set the current Web page to the default.
- Tap [Blank] to set the blank page to the default.

NOTE

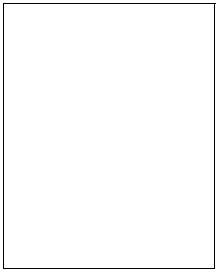
- Usually, ***Choose encoding*** should be set to ***Automatic selection***. However, some Web pages may display characters in correctly. In this case, changing into other option may display characters correctly.

Cache Tab

Default setting	Cache size: $$ Small Use cookies: Always

On the Cache tab, you can set cache and cookies for the browser.

1 In Step 2 on P214, tap *Cache* tab ▶ tap the item to set, and tap [Done] after setting



Cache size:
- $$ Small : Allocates the small cache size.
- $$ Large : Allocates the large cache size.

Use cookies: :
- Always : You can use cookies when viewing cookie-enabled Web pages.
- Never : You can never use cookies when viewing cookie-enabled Web pages.
- Ask : You can select how to use cookies on the confirmation screen when viewing cookie-enabled Web pages.

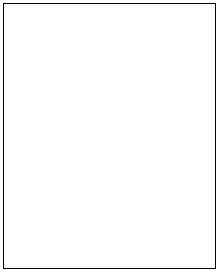
Cache [Clear] : Tap to clear the cache data.
Cookies [Clear]: Tap to clear the cookie data.

Multimedia Tab

Default setting | All $$

On the Multimedia tab, you can set the operations of images, animations and sound effects.

1 In Step 2 on P214, tap *Multimedia* tab ▶ tap the item to set, and tap [DONE] after setting



Load all images$$
: Set whether display images or not when viewing Web pages with images.
$$ to display, $$ not to display.

Enable animations$$
: Set whether play back animations or not when viewing Web pages with animations.
$$ to play back, $$ not to play back.

Enable javascript $$
: Set whether enable JavaScript or not when viewing Web pages with JavaScript. $$ to enable, $$ to disable.

Ignore refresh $$
: Set whether enable the automatic refresh of Web pages or not.
$$ to enable, $$ to disable.

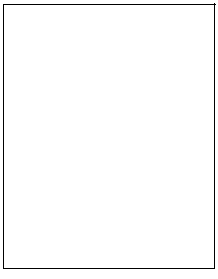
Enable BGSound $$
: Set whether enable sound effects or not when viewing Web pages.
$$ to enable, $$ to disable.

Display Tab

Default setting	Landscape Rotation:Righthand Show frames as:All frames Horizontal scrollbar:Auto Vertical scrollbar:Auto Block popups:Allow user requested popups

On the Display tab, you can set how to show frames and popups.

1 In Step 2 on P214, tap *Display* tab ▶ tap the item to set, and tap [Done] after setting



Landscape Rotation

Lefthand : Rotates the Web page to the left in "Landscape" view (→ P199).

Righthand : Rotates the Web page to the right in "Landscape" view (→ P199).

Show frames as

All frames : Displays all frames when viewing frame-enabled Web pages.

List of frames: Displays a list of frames when viewing frame-enabled Web pages.

No frames : Displays no frames even when viewing frame-enabled Web pages.

Horizontal scrollbar

Auto : Displays the Horizontal scrollbar when viewing the Web page larger than the display screen.

ON : Always displays the Horizontal scrollbar.

OFF : Displays no Horizontal scrollbar.

Vertical scrollbar

Auto : Displays the Vertical scrollbar when viewing the Web page larger than the display screen.

ON : Always displays the Vertical scrollbar.

OFF : Displays no Vertical scrollbar.

Block popups

Don't block : Displays popup windows when viewing popup-enabled Web pages.

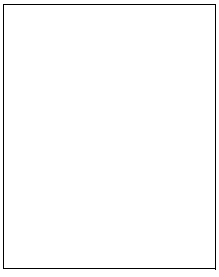
Block all : Displays no popup windows when viewing popup-enabled Web pages.

Allow user requested popups : You can select whether display popup windows on the confirmation screen when viewing popup-enabled Web pages.

Plug-ins Tab

You can check plug-ins installed in the browser.

1 In Step 2 on P214, tap *Plug-instab*, and tap [Done] after checking



The list of installed plug-ins appears.

- Tap the plug-in name to view the plug-in information.

NOTE

- What is cache, cookies, and JavaScript? → P181

When an Incoming Call Arrives during Internet Connection

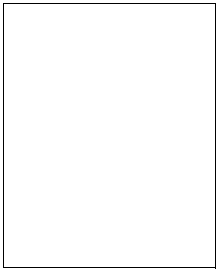
<<Comment>> <Insert later >

Using Certificates

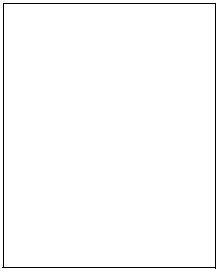
Checking User/CA Certificates

You can check the certificates required for establishing security communications.

1 Tap $$ ▶ $$ in the Application Selector bar, and tap the *Handset* tab ▶ *Certificate manager* on the Control panel screen, and then tap the *User* tab/*Certificates* tab on the Certificate list screen



List of user certificates



List of CA certificates

2 Tap the certificate name ▶ tap [Details]

■**About the Certificate**

User certificates	:	Digital data that identifies users. Using user certificates provides you easier and more secure user authentication than normal one that requires the entry of user ID and password.
CA (Certification Authority) certificates	:	The certificate issued by the certifier. It is stored in your FOMA handset by default.

Deleting Certificates

You can delete User certificates.

- You cannot delete CA certificates.

1 Tap the certificate name on the User certificate list screen ▶ Tap [Delete]

NOTE

- If you delete a user certificate, the corresponding Web pages no longer appear.

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Email

"Internet mail (hereafter "email") via general network service providers is available on FOMA handset.
To use email, you are required to subscribe the mopera email service (→ P226) or network service providers supported by FOMA, and to set Internet connection (→ P185) and email account (→ P228).

- **Files can be attached to outgoing emails → P246**
  Files saved in your FOMA handset can be attached to outgoing emails.
- **Emails can be automatically received → P231, P243**
  You can set your FOMA handset to receive incoming emails automatically or at a specified time.
- **Incoming emails can be sorted to specified folders → P257**
  Incoming emails can be sorted to specified folders by using the sender's email address or subject of the message as a sorting key.
- **Messages can be sent/received using Short Message Service (SMS) → P261, P263**
  SMS messages can be exchanged among other FOMA handsets.

Number of Characters/Attachments that can be Sent/Received

Item	Send	Receive
Destination address	Up to XX addresses including To, Cc, and Bcc (up to 1000 single-byte characters per email)	–
Subject	Up to 1000 characters regardless of double- or single-byte	Up to XXXX characters regardless of double- or single-byte
Body text	Up to 65536 characters regardless of double- or single-byte	Up to XXXX characters regardless of double- or single-byte
Attachment	Up to XX files, less than (or equal to) XX bytes in total	Up to XX files, less than (or equal to) XX bytes in total

Receiving Emails

Receiving emails with your FOMA handset requires connection to the mail server of your network service provider. You can set your FOMA handset to automatically receive emails.

- Connecting to mail server to receive emails → P243

NOTE

- Deco-mail/HTML messages can be received except the messages that contain JavaScript or Flash images.

About Short Message Service (SMS)

Short Message Service (SMS) allows you to exchange text messages among other FOMA handsets. Subscription to network service providers is not required for this service.

- Sending/receiving SMS messages → P261, P263

NOTE

- Text messages cannot be sent/received from overseas by using Short Message Service (SMS).
- The received SMS messages in your FOMA handset can be saved to a UIM. → P265

SMS Message Destination Address

A "subscriber's mobile phone number" is used as the destination address for sending a SMS message.

Number of Characters That can be Sent/Received

The number of characters that can be sent/received using Short Message Service (SMS) is as shown below:

Item	Double-byte characters (kanji, hiragana, etc.)	Single-byte characters (alphanumeric characters, etc.)
Destination address	–	20 (numerals only)
Body text	70	160*

*: When only single-byte alphanumeric characters or symbols (excluding 。「」{}[]｜、・-゛゜^`¯) are used

When FOMA handset fails to receive SMS Messages

SMS messages that arrive at the Short Message Center are immediately sent to your FOMA handsets. However, in case of your FOMA handset is powered off, out of the service area, etc., the messages are stored at the Center.

NOTE

- The maximum time of SMS messages to be stored at the Short Message Center is 72 hours. You can specify the retention time in "SMS retention time" (→ P266).
- SMS messages are deleted when the retention time has elapsed.
- SMS messages stored at the Short Message Center can be received by ***Check for new SMS*** (→ P263).
- When FOMA handset received SMS messages, the SMS messages stored at the Short Message Center are deleted. The received SMS messages are saved in FOMA handset. → P264

■**Terminology for email**

IMAP

IMAP (Internet Message Access Protocol) is a protocol for receiving emails from storage servers. In this method, emails are managed in a mailbox on the servers and recipients can determine to receive or discard the emails after checking subjects and senders.

POP

POP (Post Office Protocol) is a protocol for receiving emails from storage servers. This method is widely used in pair with the protocol for sending emails called SMTP. Unlike IMAP, recipients receives all emails and unable to check the lists of senders or subjects before mail reception.

SMTP

SMTP (Simple Mail Transfer Protocol) is a protocol for sending emails, which allows email exchange between servers or sending of emails by users.

Using Mopera Email Service

This service requires a separate subscription.

Once you make a subscription at a DoCoMo shop or by phone, you can make email settings easily with the handset. Either of the following services can be selected according to your need:

mopera POP Mail (400 yen/month (420 yen including tax))

* Separate communication charges apply.

This standard email service allows you to enjoy full-fledged messaging at reasonable charges.

mopera IMAP Mail (1400 yen/month (1470 yen including tax))

* Separate communication charges apply.

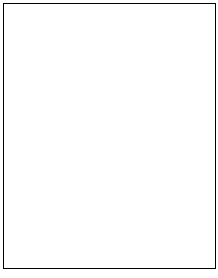
This high-end service is recommended to users who exchange many emails, frequently exchange large emails, or use the same email address from different handsets. The subjects of emails can be checked to allow users to select and retrieve only emails they want to read, which makes the service convenient for mobile use.

Quick Start

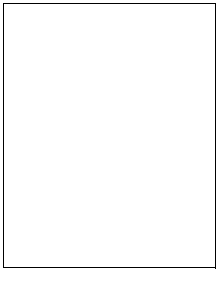
Quick Start automates the setting of connection required for mopera email service for easy messaging setup.

1 Tap $$ ▶ $$ in the Application Selector bar, tap *Connect* tab ▶ *Internet account* in the Control panel screen, and tap *Quick Start* tab in the Internet account screen

2 **Tap [Auto Configure]**

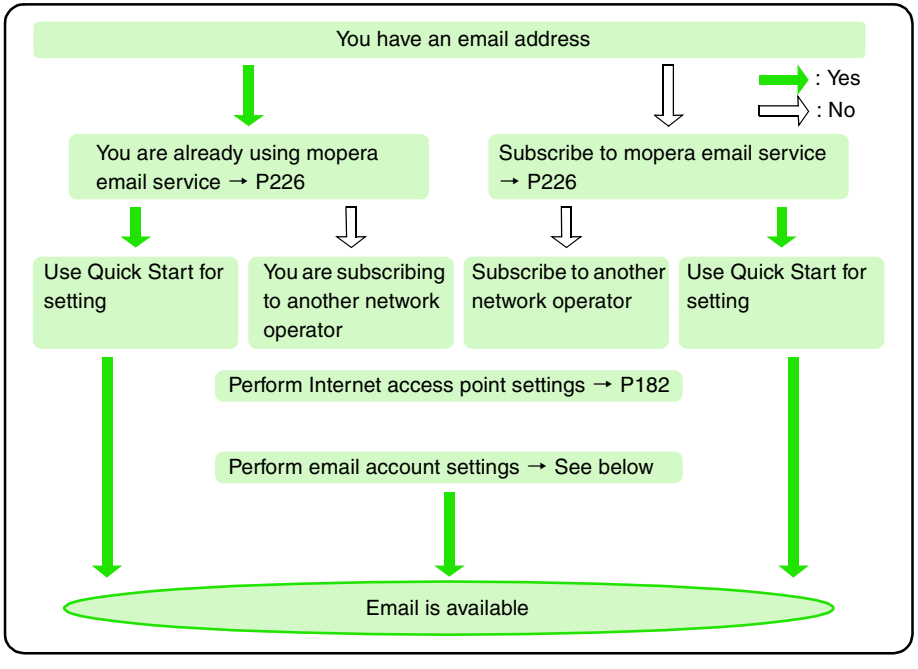


3 **Tap [Yes], and tap [Yes] in the confirmation screen**



Settings Required for Using Email

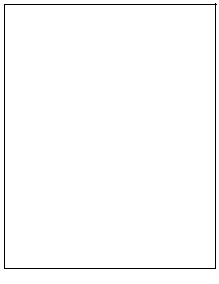
Internet access point setting (→ P182) and email account setting (see below) are required to use email. For setting information, see documents provided by your network operator.



Performing Email Account Settings

Settings are required for sending/receiving emails.

1 Tap $$ ▶ $$ in the Application Selector bar, and tap *Connect* tab ▶ *Messaging account* in the Control panel screen



■To edit an email account

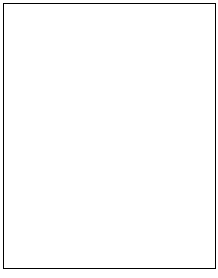
Tap the account to edit ▶ Tap [Edit]

Perform Step 3 and operations that follow as required.

■To delete an email account

Tap [Delete], and tap [Yes] in the Confirm delete screen

2 Tap [New]



3 Tap the tab to set

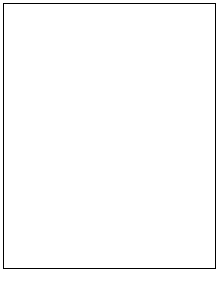
- On how to set the individual tabs, see P229 to P234.

Basic Tab

Default setting	Account name: - Owner name: - Email address: – Connection type: POP3 Internet account: -

The account name, email address, Internet account used for connection, etc. are set up.

1 Tap *Basic* tab in Step 3 on P229 ▶ Tap the field for the item to set up ▶ Tap [Done] after setting



Account name
: Set the account name to be displayed on the messaging account list.
- Up to 90 double-or single-byte characters can be entered.

Owner : Set the name, etc. of the person who uses the account.
- Up to 90 double-or single-byte characters can be entered.

Email address: Set the email address to be used for this account.
- Up to 90 single-byte characters can be entered.

Connection type
IMAP : Specify settings to connect to a mail server that supports IMAP.
POP3 : Specify settings to connect to a mail server that supports POP3.

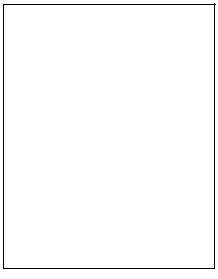
Internet account
: Set up the Internet account to use for sending/receiving emails.

Password Tab

Default setting	Inbox username: - Inbox password: - Use SMTP authentication: $$ Use inbox login details: $$ Outbox username: - Outbox password: -

Set the username, password, etc.

1 Tap *Password* tab in Step 3 on P229 ➧ Tap the field for the item to set up ➧Tap [Done] after setting



Inbox

Inbox username : Set the username for this email account.
- Up to 90 single-byte characters can be entered.

Inbox password : Set up the password for this email account. The entered password is masked with "*."

Outbox

Use SMTP authentication
: Select if SMTP server authentication is required. To select this, ***Inbox username*** and ***Inbox password*** must be set.
$$ indicates use of SMTP authentication and $$ non-use.

Use inbox login details
: Select this to use the username and password for inbox SMTP authentication also for outbox.
$$ indicates use of the same username and password and $$ non-use.

Outbox username
: Set the username for inbox SMTP authentication.
- Up to XX single-byte characters can be entered.

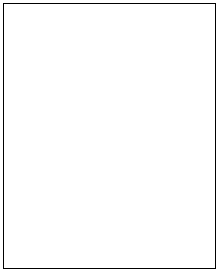
Outbox password
: Set up the password for inbox SMTP authentication. The entered password is masked with "*".

Inbox Tab

Default setting	Incoming server address: - Download: Only headers Size: 1KB No. of lines: 0

Set the incoming server address and the method of receiving emails.

1 In Step 3 on P229, tap *Inbox* tab ▶ Tap the field for the item to set up ▶ Tap [Done] after setting



Incoming server address

: Set the address of the incoming mail server (POP3/IMAP).

- Up to 90 single-byte characters can be entered.

Download

Only headers

: Set this to receive only the subjects of emails. Body text or attachments are not received.

Size : Specify the size of an email to receive. ***Size*** must be set.

No. of lines

: Specify the number of lines in an email to receive. ***No. of lines*** must be set.

No restrictions

: Set this up to receive emails as they are.

Size : Set up the size of an email.

- Any size in the range of 1 to 99999 KB can be used for setup.

No. of lines

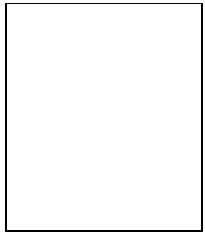
: Set the number of lines in an email.

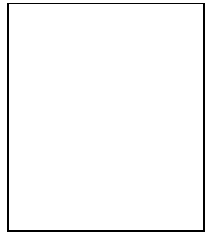
- Any number can be set within the range of 0 to 999.

■**Scheduling email checking**

Set your handset to automatically connect to the mail server to check for any incoming email at scheduled timings.

Tap [Schedule]





Schedule download

: Select this to use the schedule to receive emails.
$$ indicates use of the schedule and $$ non-use.

$$ Set time: Select this to specify the time to receive emails. To set this, ***Check email at*** must be set.
$$ indicates use of time specification to receive emails and $$ non-use.

$$Set interval

: Select this to specify the interval to receive emails. To set this, ***Check email every*** must be set.
$$ indicates use of interval specification to receive emails and $$ non-use.

Check email at

: Up to 3 different times of the day can be specified to automatically check any incoming email.

Check email every

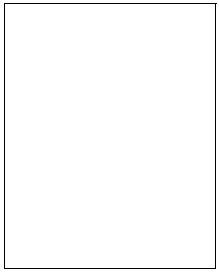
: The interval can be specified for automatically check any incoming email.

Outbox Tab

Default setting	Outgoing server address: –

Set the outgoing server address.

1 Tap the *Outbox* tab in Step 3 on P229 ▶ Tap the field for the item to set up ▶ Tap [Done] after setting



Outgoing server address: Set up the SMTP server address.

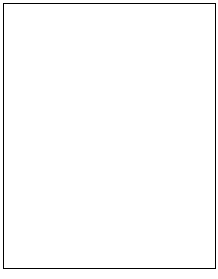
- Up to 90 single-byte characters can be entered.

Advanced Tab

Default setting	Outgoing security: not specified Outgoing mail port: 25 Use MIME encryption: $$ Incoming security: Not specified Incoming mail port: 110 Secure password authentication: $$ Delete from server: $$

Perform settings related to mail server security, etc.

1 Tap the *Advanced* tab in Step 3 on P229 ▶ Tap the field for the item to set up ▶ Tap [Done] after setting



Outgoing security : Specify the use of SSL communication for sending emails.

Outgoing mail port: Set the outgoing mail port number.

- Any number within the range of 0 to 65535 can be used for set up.

Use MIME encryption

: Select this to use MIME encryption to send emails.
$$ indicates use of MIME and $$ non-use.

Incoming security : Specify the use of SSL communication for receiving emails.

Incoming mail port: Set up the incoming mail port number.

- Any number within the range of 0 to 65535.

Secure password authentication

: Select this to encrypt the password to send to the server.
$$ indicates use of encryption and $$ non-use.

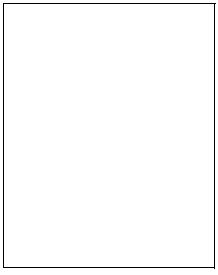
Delete from server: Select this to delete emails from the server when they have been delivered.

Email notification Tab

Default setting | Automatic download: XXX

Specify the use of email notification before receiving when any email has been delivered to the specified account.

1 Tap the *Email notification* tab in Step 3 on P229 ▶ Tap the field for the item to set up ▶ Tap [Done] after setting



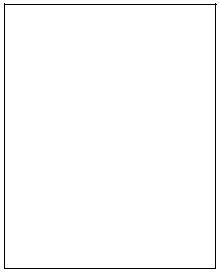
Automatic download
: Select this to get notified of an incoming email before receiving it.
$$ indicates use of notification before receiving and $$ non-use.

IAP selection: Use this function to specify the account for receiving emails.

Viewing Messaging Account List

This screen lists the email accounts that have been set up and allows you to use various messaging functions.

1 Tap $$ in the Application Selector bar



① **Messaging service type**
$$: email
$$: Short Message Service (SMS)
② **Account name**
③ **No. of unread emails**
④ **No. of unsent emails**

■**Items available from the Menu bar on the messaging account list screen**

Tap *Message* or *Edit* on the Menu bar to display items as shown below:

Browse
Find P247
Receive & send P243

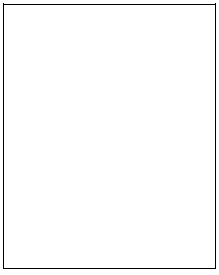
Edit
Zoom P141
Preferences P260

- Some items may not be available depending on the operation.

Composing and Sending Email

Compose and send a new email.

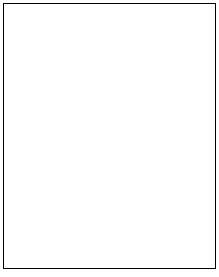
1 Tap $$ ▶ account name to use in the Application Selector bar, and tap [New] in the message list screen



$$: Tap to enter the destination address (Cc, Bcc), etc. → P239

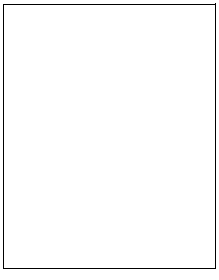
$$: Tap to attach a file → P240

2 Tap *To* and enter the destination address



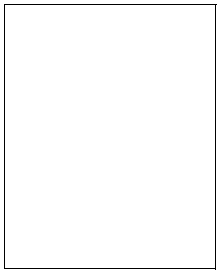
- Up to 1000 double - or single-byte characters can be entered.
- Specifying a recipient from the contact list → P238
- More than one recipient can be specified by separating email addresses with ", (commas)".

3 Tap *Subject* and enter the subject



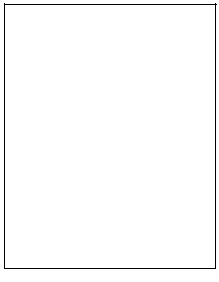
- Up to 1000 double - or single-byte characters can be entered.

4 Tap the text field and enter text



- Up to 65536 double or single byte characters can be entered.
- Adding contact → P239

5 Tap [Send]



- Tap $$*Save to outbox* to save the composed message in outbox without sending it.

6 Tap $$*Send immediately* ▶ [Done]

The Connect to mail server screen is displayed and the email is sent after connection has been established.

- Tap [Cancel] in the Connect to mail server screen to cancel sending. However, sending may not be canceled depending on the timing.

■Items available from the Menu bar

Tapping *Message* or *Edit* in the Menu bar in the Create email screen displays items as shown below:

Message

New P235
Attach your card P242
Find P247, P248
Find next P248
Delete message P259
Disconnect P195

Edit

Cut P249
Copy P249
Paste P249
Select all P249
Select contact P239
Set zoom level P141
Preferences P260

- Some items may not be available depending on the operation.

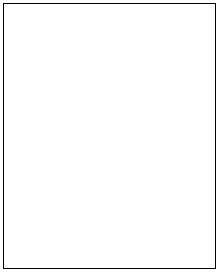
NOTE

- Text input method → P466

Specifying a Recipient from the Contact List

From the Create email screen, search for an email address stored in the contact list and insert it. A recipient whose email address is not stored cannot be specified.

1 Tap *To* in the Create email screen, and tap $$ of the recipient to search for ▶ [Done] in the Select contact screen

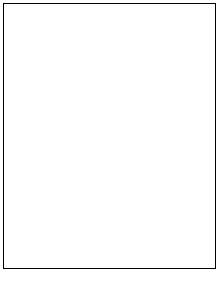


- If you have selected contact data containing more than one email address, go on to select another email address.
- Tap [Cancel] to cancel the operation.

Displaying Contact List to Create Emails

The Create email screen can be displayed from the contact list screen. This operation cannot be performed for a contact whose email address is not stored.

1 Tap an email address in the contact list screen

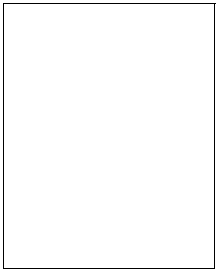


- Displaying the contact list screen → P107

Adding Destination Address (Cc, Bcc)

Adding one or more destination address allows you to send an email containing the same message to more than one recipient at one time.

1 Tap the $$ tab in the Create email screen



To : Enter the recipient's email address. A message with no destination address specified in ***To*** cannot be sent.

Cc : Enter a destination address to send the message to in addition to ***To***.

Bcc : Enter an intended recipient whom you want to hide from the recipient specified in ***To*** or ***Cc***. The entered email address will not be visible to the other recipients.

2 Tap *To*/*Cc*/*Bcc* and enter the destination address

- Up to 1000 single-byte characters can be entered.
- Specifying a recipient from the contact list → P238

NOTE

- Text input method → P466
- In the ***To*/*Cc*/*Bcc*** field, more than one recipient can be specified by separating email addresses with ", (commas)".

Inserting Contact Data to Email Body Text

Information stored in the contact list can be inserted to email body text. This function is useful for sending contact information by email, etc.

1 Tap *Edit* ▶ *Select contact* on the Menu bar in the Create email screen, and check $$ of the recipient to add in the Select contact screen ▶ Tap [Text]

- Tap ***Select all*** $$ to check all items.

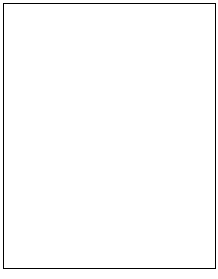
2 Check $$ of the item to send ▶ Tap [Done]

The contact data are inserted to the email body text.

Setting Priority for Email

Outgoing emails can be assigned priorities according to their contents.

1 Tap the $$ tab ▶ *Priority* in the Create email screen



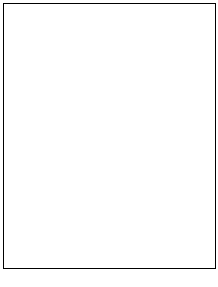
High : Assign this to emails containing important messages that you want the recipients to read without fail.
Normal: Assign this to emails containing messages of average importance not much affected by priority.
Low : Assign this to emails containing messages of no particular importance that may be read later.

2 Select a priority

Attaching Files

Voice, video, image and document files, etc. saved in your FOMA handset can be attached to outgoing emails.

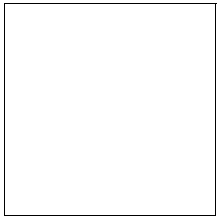
1 Tap the $$ tab ▶ [Add] in the Create email screen, and tap *Type* in the Add attachment screen



Voice : Select from voice memos, etc., recorded on the FOMA handset.
Video : Select from video clips captured with the FOMA handset or downloaded from websites, etc.
Image : Select from still images captured with the FOMA handset or downloaded from websites, etc.
Document : Select from document files (Word or Excel files, etc.).
Other : Select from all stored files.

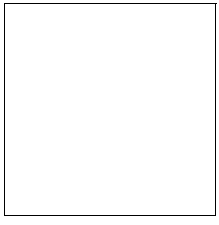
2 Select the type of the file to attach ▶ Tap [Execute]

■If *Voice* has been selected



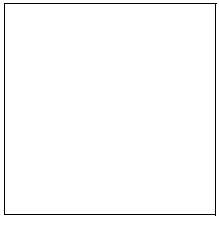
Select the folder containing the intended file.
Files available as attachments are listed.
A file can be selected and played/stopped.

■If *Video* has been selected



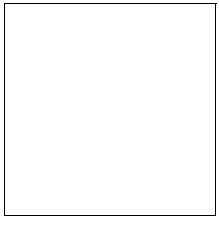
Select the folder containing the intended file.
Files available as attachments are listed.

■If *Image* has been selected



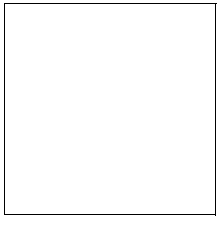
Select the folder containing the intended file.
Files available as attachments are listed.
The view of the list can be changed.

■If *Document* has been selected



Select the folder containing the intended file.
Files available as attachments are listed.

■If *Other* has been selected



Select the folder containing the intended file.
Files available as attachments are listed.

3 Tap the file to attach ▶ Tap [Select]

■**To delete attachment**

① Tap the $$ tab in the Create email screen ▶ Tap $$ of the attachment to delete
$$ is switched to $$.

② **Tap [Delete]**

Attaching vCard

Contact data can be attached as they are to outgoing emails.

1 **Tap *Message* ▶ *Attach your card* on the Menu bar in the Create email screen**

- Tap the $$ tab in the Create email screen to display the vCard attached for confirmation.

Saving Unfinished Emails for Sending Later

Saving Unfinished Emails

Emails in the process of creation or editing can be saved to unsent box.

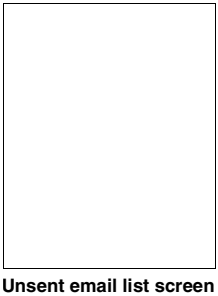
1 **Create an email in the Create email screen ▶ Tap $$**

Editing/Sending Saved Emails

Unsent emails saved in the handset can be edited for sending.

1 **Tap *Inbox** ▶ *Outbox/Unsent box* on the Menu bar in the Create email screen**

*: The name of the previously selected mailbox is displayed.



Unsent email list screen

2 Tap the email to edit

Go to Step 2 on P235.

■**Selecting and sending an email**

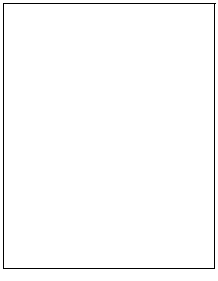
If you have more than one email to send, you can select from them for sending.

Select $$ of the email to send on the message list screen ▶ Tap [Receive & send]

Connecting to Mail Server to Receive Emails

You can connect to the mail server of your network operator to receive emails.

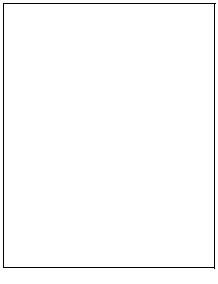
1 Tap $$ in the Application Selector bar, and tap *Message* ▶ *Receive & send* on the Menu bar



Connect to the mail servers of all messaging accounts beginning with the first one displayed on the messaging account list screen to check for any incoming emails.

- Tap [Cancel] to cancel receiving emails. However, receiving may not be canceled depending on the timing.

2 Receiving email



■**To select an account before receiving emails**

Tap the name of the account for which you want to retrieve emails on the account list screen, and tap [Receive & send] on the message list screen.

- [Receive & send] is not displayed on the unsent email list.

■**To disconnect**

Tap *Message* ▶ *Disconnect* on the Menu bar in the menu list screen.

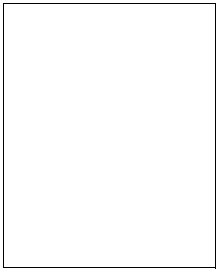
■**If you are using an account with *Email notification* (→ P234) set up**
When any email is delivered to the server, notification is sent automatically to your FOMA handset and the email is retrieved without explicit connection to the mail server.

■**If you are using an account with *Schedule* (→ P232) set**
Connection is automatically made to the mail server at the specified time/interval for retrieving emails.

Replying to Emails

You can reply to the sender of an incoming email or SMS message.

1 Tap *Reply* in the incoming email details screen



■**To reply to an email with more than one address**

①Tap *Message* ▶ *Reply to all* on the Menu bar in the incoming email details screen

②Enter the subject and send an email

Go to Step 3 on P235.

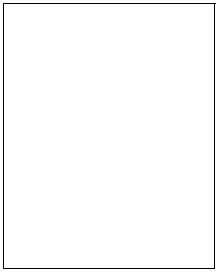
NOTE

- You cannot reply to an SMS message showing ***User unset***, ***Payphone***, ***Not supported*** as the sender.
- A Short Mail message sent from a mova i-mode handset to a FOMA handset is received as a SMS message but it is not possible to reply to it.

Forwarding Emails

Incoming emails or SMS messages can be forwarded to other people.

1 **Tap *Message* ▶ *Forward* on the Menu bar in the incoming email details screen**



2 **Enter the destination address and send an email**

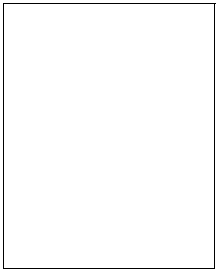
Go to Step 3 on P235.

Managing Sender Email Addresses and Phone Numbers

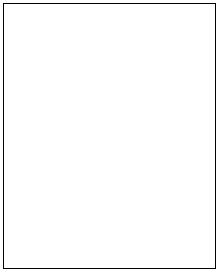
Storing in Contact List

Senders of incoming emails or SMS messages can be stored in the contact list.

1 **Tap *Sender* in the incoming email details/outgoing email details screen**



2 **Tap [Save contact]**



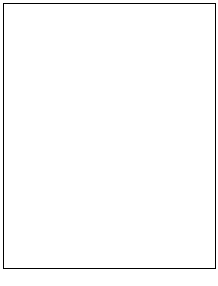
3 **Tap *First name/Last name* and enter the names**

- Entering other information → P99

Making a Call to Sender

You can make a call to the sender of an incoming SMS message.

1 **Tap *Sender* in the incoming email details/outgoing email details screen**



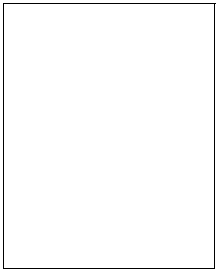
2 **Tap [Call]/[VideoPhone]**

- For operations that follow → P66, P86

Searching Emails

Search the emails/SMS messages stored in the FOMA handset for any email/SMS message that contains the specified keyword, and list the messages.

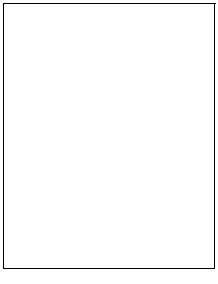
1 Tap *Message* ▶ *Find* on the Menu bar in the account list/message list screen



Enter a keyword. You can select an account for the search.

- Up to 128 double or single byte characters can be entered as a keyword.

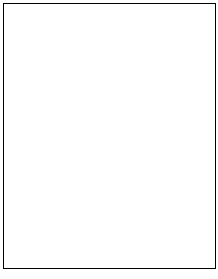
2 Tap a text input field and enter a keyword ▶ Tap *Where?* and select the account to search ▶ Tap [Find]



3 Tap the email to view

Searching Text Strings in Emails

1 **Tap *Message* ▶ *Find* on the Menu bar in the message details/ Create email screen**



2 **Tap a text input field and enter a text string to search for ▶ Tap the direction (▲/▼) ▶ Tap [Find]**

- Tap [Cancel] to cancel the search.

■To search for the same text string successively

Tap *Message* ▶ *Find next* on the Menu bar in the message details/Create email screen

Copying/Cutting and Pasting Strings in Emails

You can copy or cut text strings entered or body text of emails and paste on other entry screens, etc.

Copying/Cutting

1 **Drag to select the text to copy ▶ Tap *Edit* ▶ *Copy/Cut* in the Menu bar**

The specified text is saved on the clipboard.

■To select all to copy/cut

① Tap *Edit* ▶ *Select all* in the Menu bar

All strings in the selected item are selected.

② Tap *Edit* ▶ *Copy/Cut* in the Menu bar

The strings are saved on the clipboard.

Pasting

1 Tap the area you want to paste to, and tap *Edit* ▶ *Paste* in the Menu bar

The copied/cut text is pasted.

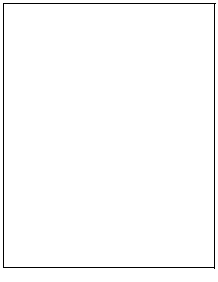
NOTE

- The clipboard is a memory area for temporarily holding what you have copied/cut. Only one piece of information can be held, which is overwritten when another has been copied/cut. Information held on the clipboard is erased when the handset has been switched off or settings have been reset.

Managing Files Attached to Emails

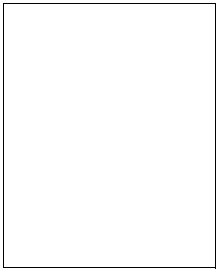
Attachments can be viewed/played and saved.

1 Tap the $$ tab in the message details screen

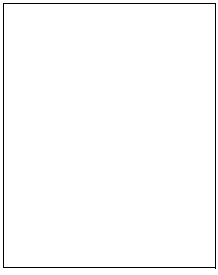


2 Tap the attachment

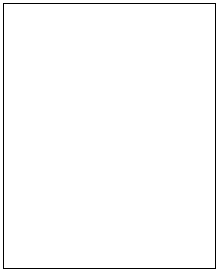
■Audio file



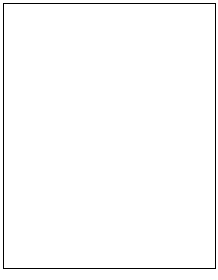
■Image file



■Video file



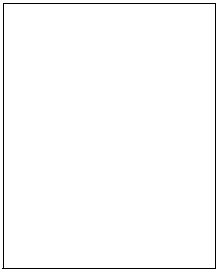
■Document file



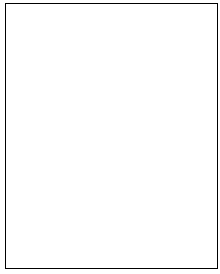
■**Saving attachments**

Tap [Save] on the screen in Step 2

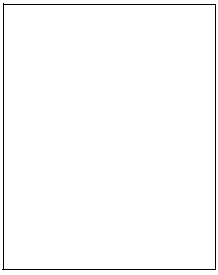
■**Audio file**



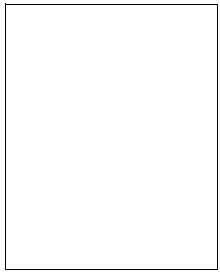
■**Image file**



■**Video file**



■**Document file**



NOTE

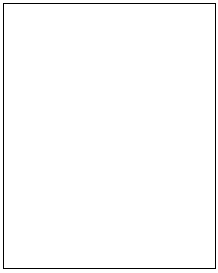
- Tap an unreceived attachment to display the confirmation screen. → P254

Viewing Messages on Email/SMS Message List Screen

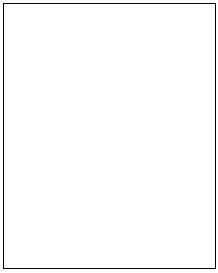
You can view messages saved in inbox/unsent box/outbox/sent box for each accounts.
Up to XX messages can be saved in inbox, XX messages in unsent box, XX in outbox, and XX in sent box.

<Example: incoming message>

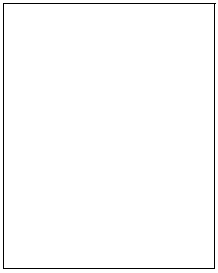
1 Tap the messaging account for which you want to view messages on the account list screen



List screen (subject not displayed)



List screen (subject displayed)



Details screen

① **Account name: No. of messages in folder**

② **Checkbox to use for deletion** → **P259**

③ **Message type**

$$: Standard message

$$: Message with attachment

$$: Only the number of messages received/messages including unreceived data

④ **Sender phone number/email address (inbox), recipient phone number/email address (outbox/unsent box/sent box)**

If the phone number or email address is stored in the contact list, the name is displayed.

⑤ **Subject**

For a SMS message, the beginning of the body text is displayed. *SMS* is displayed on the details screen.

⑥ **Time/date sent/received**

Time is displayed for emails or SMS messages sent/received on the day, and date is displayed for those sent/received prior to the current day.

⑦ **Size of message**

⑧ **Body Text (SMS)**

⑨ **Create new message**

Tapping this allows you to create a message. → P235

⑩ **Receive & send (inbox/unsent box/sent box)/Send (outbox)**

Tapping this allows you to receive and send/send a message. → P243

■**To switch between mailboxes to view**

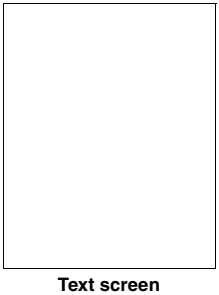
Tap *Inbox ▶ mailbox to view on the Menu bar**

*: The name of mailbox previously viewed is displayed.

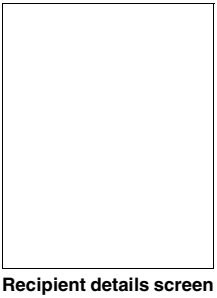
2 Tap the message to view on the email/SMS message list screen

Tap the $$, $$, or $$ tab to switch between views.

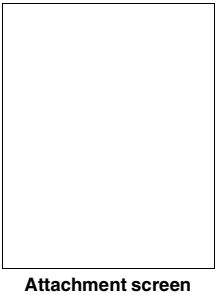
- On the unsent mail/SMS message list screen, the Edit screen (→ P243, P262) is displayed.



Text screen



Recipient details screen



Attachment screen

① Subject
② Sender
③ Body text
④ Destination other than sender
⑤ Time/date received
⑥ Size of message
⑦ Message priority
⑧ Checkbox to use for deletion
⑨ Attachment file type

$$: Audio file
$$: Image file
$$: Video file
$$: Document file

⑩ Sender phone number/email address (incoming message), recipient phone number/email address (outgoing/unsent/sent message)

If the phone number or email address is stored in the contact list, the name is displayed.

⑪ Subject

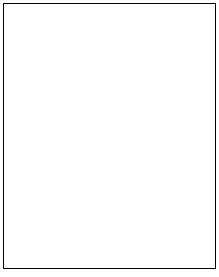
For a SMS message, the beginning of the body text is displayed. ***SMS*** is displayed on the details screen.

⑫ Time/date sent/received

Time is displayed for emails or SMS messages sent/received on the day and date is displayed for those sent/received prior to the current day.

⑬ Body text

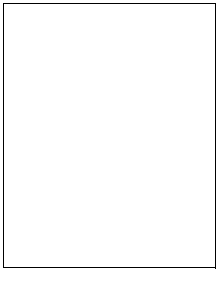
■**Viewing the details screen for messages with unreceived data for a *POP3* account**



Tap [Yes]

All unreceived data will be received.

■**Viewing the details screen for messages with unreceived data for an *IMAP* account**



Tap [Yes]

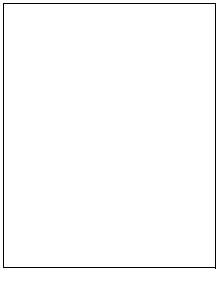
Unreceived message data will be received.

Download attachment $$

: Select to receive attachment together with the message.
$$ indicates receiving of attachment and $$ non-receiving.

■**Receiving unreceived attachments to messages for an *IMAP* account**

Tap the attachments to display the screen as shown below:



Tap [Yes]

Attachments will be received.

■Items available on the Menu bar in the message list screen

Tapping ***Message*** or ***Edit*** in the Menu bar displays items as shown below:

Message

New P235
Find P247, P248
Copy to. P256
Move P256
Delete message P259
Disconnect P195

Edit

Select all P249
Sort by date P258
Sort by sender/recipient. P258
Show subject P259
Email filters* P257
Zoom P141
Preferences P260

- Some items may not be available depending on the operation.

*: Displayed when a ***POP3*** account is used.

■Items available from the Menu bar on the message details screen

Tapping ***Message*** or ***Edit*** in the Menu bar displays items as shown below:

Message

New P235
Reply P245
Reply to all P245
Forward P245
Send attachment P250
Find P247, P248
Find next P247, P248
Delete message P259
Disconnect P195

Edit

Copy P249
Select all P249
Zoom P141
Preferences P260

- Some items may not be available depending on the operation.

NOTE

- Tapping information in message text (phone numbers, email addresses and URLs) allows you to easily make phone calls, send messages or view websites.

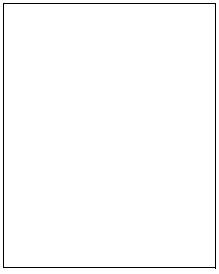
Creating/Editing/Deleting Messaging Folders

Creating Mailboxes

Mailboxes can be created for managing messages, etc.

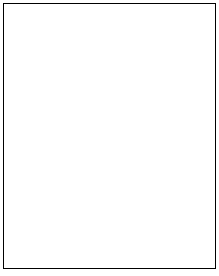
1 Tap *Inbox** ▶ *Edit folders* on the Menu bar in the message list screen

*: The name of mailbox previously viewed is displayed.



- Tap [Cancel] to cancel the operation.

2 Tap *Name* and enter a name ▶ Tap [Done]



- Up to XX double - or single-byte characters can be entered.

Copying/Moving Messages to Another Mailbox

Messages can be copied/moved to newly created mailboxes with limitations as shown below.

○: copying/moving allowed △: only copying allowed ×: copying/moving not allowed

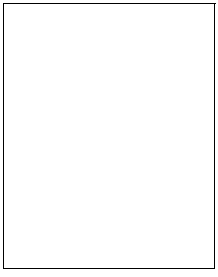
Source folder	Destination folder				
	Inbox	Unsent box	Outbox	Sent box	Created folder
Inbox	×	△	×	△	○
Unsent box	×	×	×	×	×
Outbox	×	×	×	×	×
Sent box	×	×	×	×	○
Created folder	×	×	×	×	○

- If an ***IMAP*** account is used, messages of which all data have not been received cannot be copied/moved.

1 Select $$ of the message to copy/move on the message list screen

$$ is switched to $$.

2 Tap *Message* ▶ *Copy to*/*Move to* in the Menu bar



- Tap [Cancel] to cancel the operation.

3 Tap *Folder* and select the destination folder ▶ Tap [Done]

NOTE

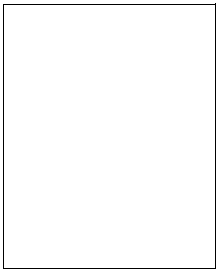
- If an ***IMAP*** email account is used/if the ***Delete from server*** (→ P233) setting is enabled and a ***POP3*** email account is used
  - If an email has been moved from the folder used when it was received, a screen is displayed to confirm the deletion of the email with the identical contents that is on the mail server when connection is made to the mail server on the next occasion. Be informed that tapping [Yes] makes the email unavailable for retrieval.

Automatically Sorting Incoming Emails

This function is available when a *POP3* is used.

You can set rules for automatically sorting incoming mails into different folders.

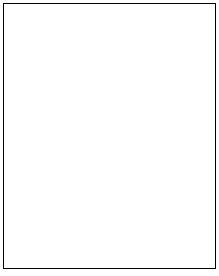
1 Tap *Edit* ▶ *Email filters* on the message list screen



Priority: High
Priority: Low

- Tap $$/$$ to change the priority.
- Tap [Cancel] to cancel the operation.

2 Tap the name of the filter to change rules



Filter name: Specify the filter name.
- Up to 128 double or single byte characters can be entered.

Move to : Specify the destination folder.

Condition

Sender : Set this to sort emails by ***Sender***. The sorting conditions must be entered in ***Contains***.

Subject : Set this to sort emails by ***Subject***. The sorting conditions must be entered in ***Contains***.

Contains : Enter a text string as the sorting condition.
- Up to 256 double or single byte characters can be entered.

Operations

None : Select this to sort using one condition. The second condition cannot be entered.

OR : Use this to sort emails that meet either of the two conditions.

AND : Set this to sort emails that meet both conditions.

- Tap $$ to select them from the contacts.
- Tap [Cancel] to cancel the operation.

3 Tap the field for the item to set up ▶ Tap [Done] after setting

Rearranging Messages on List Screen

You can rearrange the messages displayed on the message list screen.

1 Tap *Edit* ▶ *Sort by date*/*Sort by sender* on the Menu bar in the message list screen

Sort by date : Sort messages in chronological order.
Sort by sender: Sort messages in the order of name shown on the recipient/sender address.

NOTE

- The sort order for ***Sort by sender*** is as described below:
  Kanji (in the order of the JIS code) → hiragana → katakana *1 → single-byte katakana → double-byte alphabetical character *2 → single-byte alphabetical character *2 → double-byte numerals → single-byte numerals → symbol (in the order of the JIS code)

  *1: If both hiragana and katakana are used, the order of the Japanese syllabary is given priority (ex.: あアいイ…, etc.)

  *2: If both upper- and lower-case characters are used, lower-case characters come before upper-case characters and the alphabetical order is given priority (ex.: aAbB…, etc.)

Switching Message List Screen View

The message list screen view can be switched to subject display.

1 Tap *Edit* ▶ *Show subject* on the Menu bar in the message list screen

The message list screen view is switched from a list to subject display.
- To restore the previous view, repeat the same operation.

Deleting Messages

Emails/SMS messages in inbox, outbox, unsent box, sent box, and created mailboxes can be deleted.
You can delete messages by selecting them in the email list/SMS message list screen or delete emails/SMS messages being displayed on the message details/SMS details screen.

1 Select $$ of the email/SMS message to delete in the email/SMS message list screen

$$ is switched to $$.

2 Tap *Message* ▶ *Delete message* in the Menu bar, and tap [Yes] on the Confirm delete screen

The email/SMS message is deleted.
- Tap [No] to cancel deletion.

■**To delete emails/SMS messages being displayed**

Tap *Message* ▶ *Delete message* on the Menu bar in the email details/SMS details screen, and tap [Yes] on the Confirm delete screen

- Tap [No] to cancel deletion.

NOTE

- If the ***Delete from server*** (→ P233) setting is enabled, on a POP 3 account, and an email has been deleted from the folder used when it was received, a screen is displayed to confirm the deletion of the email with the identical contents that is on the mail server when connection is made to the mail server on the next occasion.

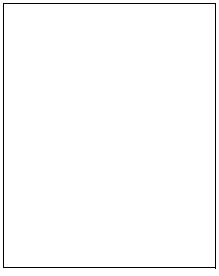
Setting Messaging

Setting Automatic Sending of Owner Card/Reply Quoted/Signature

You can specify whether or not to automatically attach the owner card (→ P114) and quote body text to reply to messages, and what to append to message text as the signature. These settings only function for the specified account.

- These settings are not available for Short Message Service (SMS).

1 Tap *Edit* ▶ *Preferences* on the Menu bar in the message list screen



Always attach your card
: Specify whether or not to always attach your card to messages.
$$ indicates use of automatic sending and $$ non-use.

Always reply with history
: Specify whether or not to always quote body text of the received messages to reply.
$$ indicates use of automatic quoting and $$ non-use.

Signature : The entry made in this field is automatically appended to the bottom of the body text of outgoing messages.
- Up to 1024 double or single byte characters can be entered.

2 Tap the field for the item to set up ▶ Tap [Done]

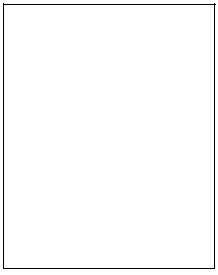
NOTE

- Setting message ring tone → P123

Creating and Sending SMS Messages

Create and send new SMS messages can be sent by FOMA handsets only.

1 Tap $$ ▶ $$ on the Application Selector bar, and tap [New] in the SMS message list screen

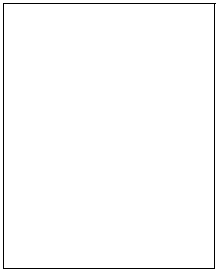


$$: Set this up to receive receipts to show that messages have been delivered to the recipients.
$$ Indicates receiving of receipts and $$ non-receiving.

$$: Shows the size of SMS message

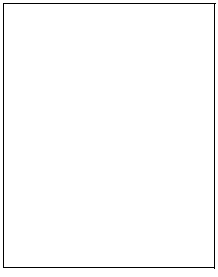
$$: Brings you back to the account list screen.

2 Tap *To* and enter the recipient destination address



- Up to 20 single-byte characters can be entered.
- Specifying a recipient from the contact list → P238

3 Tap the text field and enter text



- Up to 70 double- or 160 single-byte characters can be entered.
- Adding contact → P239

4 Tap [Send]

The SMS message is sent.

NOTE

- Text input method → P466
- Characters unavailable for use → P225

Saving Unfinished SMS Messages for Sending Later

Saving SMS Messages

SMS messages in the process of creation or editing can be saved to unsent box.

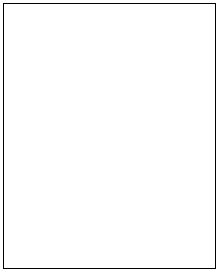
1 Create a SMS message on the Create SMS screen ▶ Tap $$

Editing and Sending Saved SMS Messages

Unsent SMS messages that have been saved can be sent.

1 Tap *Inbox ▶ *Outbox/Unsent box* in the menu list on the SMS message list screen**

*: The name of mailbox previously viewed is displayed.



Unsent SMS message list screen

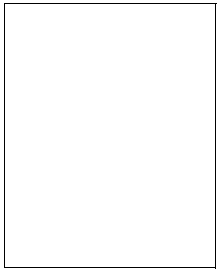
2 Tap the SMS message to edit

Go to Step 2 on P261.

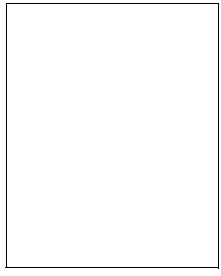
Automatically Receiving SMS Messages

When your FOMA handset is in-range, SMS messages are automatically delivered from the Short Message Center.

1 A SMS message is delivered



Home screen



Other than Home screen

The ring tone plays and the screen as shown on the left is displayed.
Tapping the circled area displays the SMS message list screen, allowing you to view received SMS messages.

NOTE

- A Short Mail message sent from a mova i-mode handset is received as an SMS message on your FOMA handset.

Checking for Incoming SMS Messages

SMS messages delivered to the Short Message Center are automatically sent to the FOMA handset. However, they are stored at the Center if the handset is switched off out of range. Explicitly retrieving them delivers the SMS messages stored at the Center.

1 Tap *Message* ▶ *Check for new SMS* on the Menu bar in the SMS message list screen

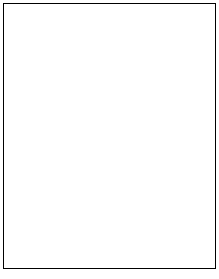
- Tap [Cancel] to cancel retrieval.

2 Tap [Done]

Viewing SMS Messages Received

View received SMS messages and receipts of delivery (→P266).

1 Tap $$ in the Application Selector bar



2 Tap the account name ($$SMS)

3 Tap the SMS message to view

NOTE

- Any unviewable character (→ P225) contained in a received SMS message is displayed as a space.
- A Short Mail message sent from a mova i-mode handset is received by a FOMA handset as an SMS message. If the sender's phone number is not displayed, the reason for non-display is displayed.

Saving SMS Messages in UIM

SMS messages stored in the FOMA handset can be moved and saved to UIM. SMS messages stored in the UIM can be moved to the handset.

1 Tap the SMS message to move on the UIM ($$)/SMS message to move from the UIM ($$) on the SMS message list

$$ is switched to $$.

2 Tap *Message* ▶ *Move message to UIM*/*Move message from UIM* on the Menu bar

$$ indicates a SMS message in the FOMA handset.
$$ indicates a SMS message in the UIM.

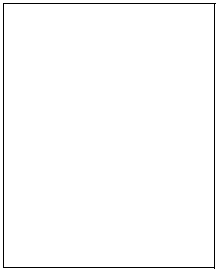
Performing SMS settings

Default setting | Request acceptance: $$ SMS destination: Phone Memory Profile: SMS profile

Normally, the *Profile name* and *SMSC address* settings of *Profile* and *Edit profile* need not be changed.

Set up conditions for using Short Message Service (SMS).

1 Tap $$ ▶ $$ on the Application Selector bar, tap *Connect* tab ▶ *Messaging account* in the Control panel screen, and tap the *SMS* tab in the messaging account screen.



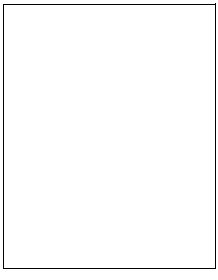
Request acceptance
: Select this to request the sender to receive the notification of delivery of a SMS message. $$ indicates requesting and $$ not requesting.

SMS destination
: Select the destination of incoming SMS messages.

Profile: Select a profile.

■**To edit a profile**

Tap [Edit profile], tap the field for the item to set up in the SMS profile screen ▶ Tap [Done] after setting



Profile name : Set the profile name.

SMSC address: Set up the address of the SMS Center to connect to. (If *Profile name* is *SMS profile1*, *+81903101652* is set.)

Save message: Specify how long sent SMS messages that are undelivered will be stored at the Short Message Center.

2 Tap the field for the item to set up ▶ Tap [Done] after setting

- Tap [Cancel] to cancel setting.

Application

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Launching an Application 252
Uninstalling an Application 252

Application

Applications such as games can be installed and used on a FOMA handset. Applications to be installed can be obtained via the following methods.

- Obtaining applications from the Internet → P211

You can access the Internet and download compatible applications from websites before installing them.

- Obtaining applications from a TransFlash memory card → P301

You can save applications to a TransFlash memory card in advance using a PC, etc., before installing them by inserting it to a FOMA handset.

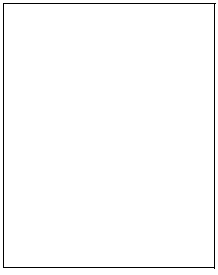
- Obtaining from a PC → P527

You can install the "Desktop Suite" to a PC from the accompanying CD-ROM and then install by connecting the FOMA handset to the PC using a USB cable.

Installing an Application

Downloaded applications and applications saved to a TransFlash memory card can be installed and be made available for use on a FOMA handset.

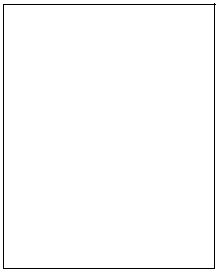
1 Tap $$ on the Application Selector bar and then tap *Launcher* ▶ *Install* on the menu bar



- Tap [Cancel] to cancel the operation.

Displays the name of the software.
Displays the location of the installation data.

2 Tap the application to be installed ▶ tap *Install*

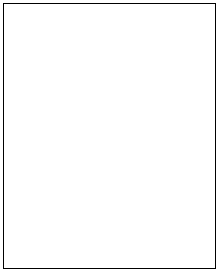


- Tap [Cancel] to cancel the installation.
- Tap [Details] to display Signature information.→ P269

3 Tap [Install] and then tap [Done] in the Installation confirmation screen

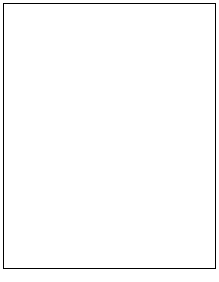
Displays the application icon of the installed application on the Application Launcher.

■**When an identical application is already installed**



- Tap [Overwrite] to overwrite the existing application by the new application.
- Tap [Cancel] to cancel the operation.

■**Application signature details**



Tap [Details] in the Step 2 screen or Step 3 screen to verify Application signature information.

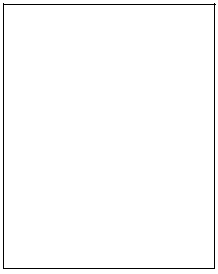
NOTE

- The confirmation screen is displayed when unwarranted software for use in FOMA handset is installed. Warranty is not guaranteed once installed.

Launching an Application

You can launch an installed application from the Application Launcher screen.

1 Tap $$ on the Application Selector bar



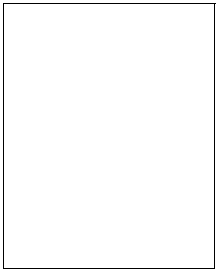
The icon of the installed application is added.

2 Tap the icon of the application to be launched

Uninstalling an Application

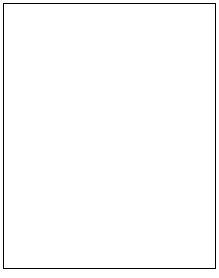
This operation uninstalls an already installed application. Be cautioned that software once uninstalled cannot be used thereafter.

1 Tap $$ on the Application Selector bar and then tap *Launcher* ▶ *Uninstall* on the menu bar



- Tap [Cancel] to cancel the uninstall.

2 Tap [Uninstall]



3 Tap [Yes] and then tap [Done] on the Uninstall confirmation screen

The application is uninstalled.