AT Command	Overview	Parameters/Description	Command Examples
ATZ	Reset the settings on the FOMA terminal with the non-volatile memory content. If performed during a communication, the line is disconnected.	—	(On-line command mode) ATZ NO CARRIER (Off-line) ATZ OK

■ **Values displayed after n=4 is entered using AT commands**

Controllable function	Values displayed after command entry															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
64K data communication	×	○	×	○	×	○	×	○	×	○	×	○	×	○	×	○
Video calls	×	×	○	○	×	×	○	○	×	×	○	○	×	×	○	○
PPP packet communication	×	×	×	×	○	○	○	○	×	×	×	×	○	○	○	○
Voice calls	×	×	×	×	×	×	×	×	○	○	○	○	○	○	○	○

○ : Controllable × : Uncontrollable

Supplementary Explanation of AT Commands

■ Command name : +CGDCONT

- Overview
  Set APN when sending packet connection.
- Form
  +CGDCONT=[<cid>[,"<PDP type>" [,"<APN>"]]]
- Parameter descriptions
  Set APN when sending Packet communication.
  See examples in command operation lists
  <cid>*   : X to X
  <PDP type>* : PPP or IP
  <APN>*   : Optional
  *: <cid> is the number used to control the destination (APN) for the Packet communication to be registered in FOMA terminal. X to X can be registered.
    <PDP type> is a protocol for packet communication. <APN> is optional connection name that indicates each destination.
- Operation without parameter
  AT+CGDCONT=<cid> :
  Set specified <cid> as default
  AT+CGDCONT=? :
  Display list of values that can be configured
  AT+CGDCONT=? :
  Display list of values that can be configured
- Command examples
  Registered APN named abc (When PDP type is "PPP" and cid=3)
  AT+CGDCONT=3,"PPP","abc"
  OK
* This command, which is a setting command, is not stored in the nonvolatile memory written by [&W] and is not reset by [&F] and [Z], either.

■ Command name : +CGEQMIN=[Parameter]

- Overview
  Register criteria value to determine if QoS sent from network when Packet communication established is permitted.
- Form
  +CGEQMIN=[<cid>[,,<Maximum bit rate UL>[, <Maximum bit rate DL>]]]
- Parameter description
  <cid>* : X to X
  <Maximum bit rate UL>* : None (default) or 64
  <Maximum bit rate DL>* : Non (default) or 384
  *: <cid> is the number used to control the destination (APN) for the Packet communication to be registered in FOMA terminal. X to X can be registered.
    In <Maximum bit rate UL> and <Maximum bit rate DL>, the minimum connection speed [Kbps] is set for both upload and download traffic between FOMA terminal download traffic between FOMA terminal and the base station. If the parameter is set to None (default), all speeds are permissible.
    If 64 and 384 are set, any communication at a speed except the above limit is not permitted, and the Packet communication will not be connected.

- Operation without parameter
  AT+CGEQMIN= :
  Set all <cid> as default value
  AT+CGEQMIN=<cid> :
  Set specified <cid> as default value
- Command examples
  (1) Command used to permit all speed both upload and download both upload and download (when<cid>=2)
      AT+CGEQMIN=2
      OK
  (2) Command used to permit only 64Kbps upload and 384Kbps download (when<cid>=2)
      AT+CGEQMIN=2,,64,384
      OK
  (3) Command used to permit 64Kbps upload and all speed download (when<cid>=3)
      AT+CGEQMIN=3,,64
      OK
  (4) Command used to permit all speed upload and only 384Kbps download (when<cid>=3)
      AT+CGEQMIN=3,,,384
      OK
* This command, which is a setting command, is not stored in the nonvolatile memory written by [&W], and is not reset by [&F] and [Z], either.

■ Command name : +CGEQREQ=[Parameter]

- Overview
  Sets up QoS request to the network when Packet communication is established.
- Form
  +CGEQREQ=[<cid>[,,<Maximum bit rate UL> [,<Maximum bit rate DL>]]]
- Parameter Description
  <cid>* : X to X
  <Maximum bit rate UL>* : None (default) or 64
  <Maximum bit rate DL>* : None (default) or 384
  *: <cid> is the number used to control the destination (APN) for the Packet communication to be registered in FOMA terminal.
    1 to 3 can be registered to FOMA terminal.
    In <Maximum bit rate UL> and <Maximum bit rate DL>, the minimum connection speed [in Kbps] is set for both upload and download traffic between FOMA terminal and the base station. If the parameter is set to None (default), all speeds are permissible.
    If 64 and 384 are set, any connection at a speed except the above limit is not permitted, and the Packet communication will not be connected.
- Operation without parameter
  AT+CGEQREQ=<cid> :
  Set all <cid> as default.
  AT+CGEQREQ=<cid> :
  Set specified <cid> as default.
- Command examples
  Command used to require 64Kbps upload and 384Kbps download (when<cid>=3)
  AT+CGEQREQ=3,,64,384
  OK

* This command, which is a setting command, is not stored in the nonvolatile memory written by [&W], and is not reset by [&F] and [Z], either.

List of Reasons of Disconnection

(Checking the specification)

Result Codes

■ List of Result Code

No.	Text display	Description
0	OK	Operation performed properly.
1	CONNECT	Connected to the other party.
2	RING	Incoming call.
3	NO CARRIER	Line disconnected.
4	ERROR	Unable to accept command.
6	NO DIAL TONE	Unable to detect dial tone.
7	BUSY	Detect busy tone. (Applied only when dialing by circuit switching.)
8	NO ANSWER	Completed connection timeout.
100	RESTRICTION	Network use is restricted.
101	DELAYED	Redial is delayed because of restrictions.

■ Extended Result Codes
When &E0
Show the connection speed between the FOMA terminal and the base.

Numeric display	Text display	Connection speed
121	CONNECT 32000	32000bps
122	CONNECT 64000	64000bps
125	CONNECT 384000	384000bps
133	CONNECT 3648000	3648000bps

When &E1

Numeric display	Text display	Connection speed
5	CONNECT 1200	1200bps
10	CONNECT 2400	2400bps
11	CONNECT 4800	4800bps
13	CONNECT 7200	7200bps
12	CONNECT 9600	9600bps
15	CONNECT 14400	14400bps
16	CONNECT 19200	19200bps
17	CONNECT 38400	38400bps
18	CONNECT 57600	57600bps
19	CONNECT 115200	115200bps
20	CONNECT 230400	230400bps
21	CONNECT 460800	460800bps

■ Communication Protocol Result Codes

Numeric display	Text display	Connection speed
1	PPPoverUD	Connection with 64K data communication
3	AV64K	Connection with video call (64K) communication
5	PACKET	Connection with packet communication

■ Examples of Displayed Result Codes
When ATX0 is set
Regardless of the AT Commands (P46) settings, only CONNECT is displayed after connection is established.

Example of text display   : ATD＊99＊＊＊1#
      CONNECT
Example of numeric display : ATD＊99＊＊＊1#
      1

When ATX1 is set
• When ATX1, AT￥V0 is set (default)
Display in the format of CONNECT <Speed between FOMA and PC> after the connection is established.
Example of text display
  : ATD＊99＊＊＊1#
   CONNECT 460800
Example of numeric display
  : ATD＊99＊＊＊1#
   121

• When ATX1, AT￥V1 is set
Display in the following format after the connection is established.
CONNECT <Speed between FOMA and PC> PACKET <Destination APN>/<Maximum uplink speed (between FOMA terminal→Base)> / <Maximum downlink speed (between FOMA terminal←Base)>
Example of text display
  : ATD＊99＊＊＊1#
   CONNECT 46080 PACKET mopera.ne.jp/64/384 (which means connection is established with mopera.ne.jp/64/384mopera.ne.jp/64/384.)
Example of numeric display
  : ATD＊99＊＊＊1#
   1215

* If ATX1 and AT￥V1 are set concurrently, a dial-up connection may not be executed correctly. It is recommended to use only AT￥V0.

Utility Software

M2501 HIGH-SPEED Utility

Following functions are available using the M2501 HIGH-SPEED Utility:

Making/Receiving Voice Calls →P56, P58

You can make or receive voice calls overseas as well as in Japan.

Redial/Received Calls →P57, P58

You can easily make calls using Redial or Received Calls.

Phonebook →P59

You can store a phone number in Phonebook and easily make calls.

Network Services →P65

You can use network services such as Voice Mail and Call Forwarding services.

Operating Environments

The M2501 HIGH-SPEED Utility requires the following operating environments:

Item	Requirement
PC Main Unit	PC-AT Compatible PC Card Slot (Type II)
OS	Windows 2000 Professional*[1], Windows XP Professional/Home Edition*[2]
Required Memory	128Mb or more
Hard Disk Space	50Mb or more available space
Display	800 x 600 pixels or more recommended
Sound	Sound function and speaker

*1: Japanese Version Service Pack 4 or later
*2: Japanese Version Service Pack 1 or later

- Required memory or available hard disk space may vary depending on the system environment.
- Depending on the operating environment, the software may not work. DoCoMo does not respond to any inquiries about the usage, guarantee proper operation, nor is responsible for proper operation under operating environments other than the above.
- DoCoMo does not guarantee the operation under the supported OS if the OS is changed through upgrade.

Installing the FOMA M2501 HIGH-SPEED Utility

Installing

- The screen images shown in this section are typical for Windows XP. Your PC may have different screen images.
- Log into a user account with the Administrator or PC supervisor privileges. An error occurs if you log into an account without these privileges. For details on setting up Administrator or PC supervisor privileges, contact your computer manufacturer or Microsoft Corporation.

1 **Start Windows and insert the FOMA M2501 HIGH-SPEED CD-ROM**

2 **Click [スタート (Start)]▶"ファイル名を指定して実行 (Select file name and run)"**

3 **Click [Browse (参照)] to specify the file setup.exe, then click [OK]**

- Specify the file "<CD-ROM ドライブ名 (CD-ROM drive letter)>￥Utility￥XXX/setup.exe" (the CD-ROM drive name varies depending on settings of PCs).

| ファイル名を指定して実行	? X
実行するプログラム名、または開くフォルダやドキュメント名、インターネットリソース名を入力してください。	
名前(O): D:¥Utili	Screen to be replaced
OK	キャンセル	参照(B)...

4 **Click [次へ (Next)]**

- Before starting the installation, make sure that no other applications are running. If there are any other applications running, click [キャンセル (Cancel)] to stop them, then start the installation.

Screen to be replaced

5 **Read the license agreement and check "使用許諾契約の条項に同意します (I agree)", then click [次へ (Next)]**

Screen to be replaced
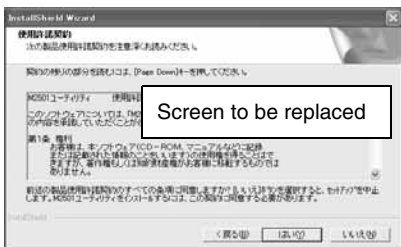
6 **Verify the destination folder and click [次へ (Next)]**

Screen to be replaced

- [変更 (Browse)] : You can change the destination folder. However, you can only specify folders on a local hard disk. Other folders (on a network drive or removable media) cannot be specified.

7 **Click [インストール (Install)]**

Screen to be replaced

8 **Click [完了 (Done)]**

- An icon appears on the Desktop screen. For the icon, see Step 1 in "Launching" (P55).

Uninstalling

- The screen images shown in this section are typical for Windows XP. Your PC may have different screen images.
- Exit the M2501 HIGH-SPEED Utility before uninstalling.
- Log into a user account with the Administrator or PC supervisor privileges. An error occurs if you log into an account without these privileges. For setting up Administrator or PC supervisor privileges, contact your computer manufacturer or Microsoft Corporation.

1 **Start "アプリケーションの追加と削除 (Add or Remove Applications)"**

■ **For Windows XP**
Click [スタート (Start)] ▶ "コントロールパネル (Control Panel)" ▶ "プログラムの追加と削除 (Add or Remove Programs)" icon

■ **For Windows 2000**
Click [スタート (Start)] ▶ "設定 (Settings)" ▶ "コントロールパネル (Control Panel)" ▶ "アプリケーションの追加と削除 (Add or Remove Applications)" icon
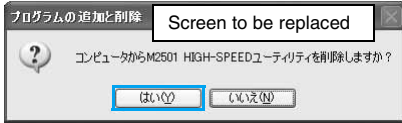
2 **Select "FOMA M2501 HIGH-SPEED ユーティリティ (FOMA M2501 HIGH-SPEED Utility)" and click [変更と削除 (Change/Remove)]**

Select "FOMA M2501 HIGH-SPEED ユーティリティ (M2501 HIGH-SPEED Utility)"

Screen to be replaced

Click here

Utility Software Installing the FOMA M2501 HIGH-SPEED Utility

Continued on the next page ●••
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3 Click [はい (OK)]

プログラムの追加と削除　　Screen to be replaced

コンピュータからM2501 HIGH-SPEEDユーティリティを削除しますか？

はい(Y)　　いいえ(N)

When "M2501 HIGH-SPEED ユーティリティ (Utility)" disappears from the screen in Step 2, the installation has completed.

<div>Note</div>

• Uninstalling the program does not delete entries in Redial, Received Calls or the Phonebook. To delete those files, manually delete the folder to which the M2501 HIGH-SPEED Utility had been installed (default folder is "C:￥Program Files￥M2501 HIGH SPEED Utility").

Main Screen Components

❶ **Minimizing Button**
• The Main screen closes but remains on the Task Bar

❷ **Exit Button**
• The Main screen closes and the M2501 HIGH-SPEED Utility ends

❸ **Status Indicator Area**

📶 : Signal Strength (Rough Indication)
　📶 …Strong
　📶 …Weak
　📶 …Very Weak

📵 : Out of Service Area or No Signal Reception Area

📵 : FOMA terminal is not inserted in a PC card slot

📵 : An invalid UIM or UIM is not inserted

📵 : PIN1 or PUK Code Must be Entered

📞 : Voice Call Arriving

📞 : Dialing a Voice Call

📞 : Performing a Voice Call

📞 : During a video call using another application

P : Performing Packet Communication

64K : Performing 64K Data Communication

PP : Performing Multiaccess

📵 : Missed Call(s)

❹ **Network Name Display Area**
• Displays the network name currently connected

❺ **Phonebook Entry Name Display Area**
• Displays the other party's name if the name and phone number are saved in Phonebook
• Displays the reason for no Caller ID if Caller ID is hidden

❻ **Phone Number Display Area**
• Displays the entered phone number
• Displays the Caller ID

❼ **Start Button**
• Makes or receives calls →P56, P58

⑧ **Clear Button**
  • Clear the entered phone number
⑨ **End Button**
  • Ends the call →P56
  • Ends a function
⑩ **Keypad**
  • Enter a phone number
⑪ **Menu Icons**
  [icon] : Received Call →P58
  [icon] : Phonebook →P59
  [icon] : Redial →P57
  [icon] : Settings →P62 - P70
  [icon] : Own Number Display →P56
  [icon] : Help →P56
⑫ **Status Bar**
  • Displays communication or call status

■ **Icons Displayed in the Task Tray**

[task tray icons: 📶 📋 ⏰ 📧 12:34]

[icon] : Signal Strength (Rough Indication)
  [icon](Green)…Strong
  [icon](Yellow)…Weak
  [icon](Red)…Very Weak
[icon] : Out of Service Area or No Signal Reception Area
[icon] : FOMA terminal is not inserted in a PC card slot
[icon] : An invalid UIM or UIM is not inserted
[icon] : When the terminal:
  • Requires PIN1 code
  • Requires PUK Code
  • Is locked with PIN Lock
  • Has a completely blocked UIM Card

■ **Right click on the icon displayed in the Task Tray**

[context menu image:]
✓ 表示(X)
  常に手前に表示(Z)
  バージョン情報(V)
  アプリケーションの終了(C)
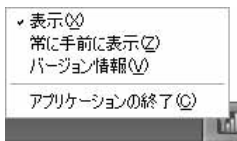
• "表示 (Display)" … Display/minimize the Main screen
• "常に手前に表示 (Pin on Top)" … The Main screen is always displayed on top.
• "バージョン情報 (Version Information)" … Show the version of the M2501 HIGH-SPEED Utility and the firm ware of the M2501 HIGH-SPEED terminal
• "アプリケーションの終了 (Exit Application)" … Exit the M2501 HIGH-SPEED Utility

■ **Operations from the PC Keyboard**

Operation	Keyboard Operation
Entering 0 - 9, #, ＊	Press "0" - "9", "#", "＊" keys.
Entering +, -	Press "+", "-" keys.
Erasing one character at a time	Press "Back Space" key.
Pressing the selected button	Press "Space" or "Enter" key.
Highlighting [clear]	Press "Esc" key.
Highlighting up, down, left or right key on the keypad	Press "↑", "↓", "←", "→" keys.
Highlighting keys on the keypad in order	Press "Tab" key.

Launching/Exiting

Launching/Exiting the FOMA M2501 HIGH-SPEED Utility

Launching

• Log into a user account with the Administrator or PC supervisor privileges.

1 **Double click the "M2501 HIGH-SPEED Utility" icon on the Desktop**

[icon: M2501 HIGH-SPEED]

The Main screen (P54) opens.

■ **If the icon is not displayed**
  Click "スタート (Start)" ▶ "すべてのプログラム (All Programs)" / "プログラム (Programs)" ▶ "M2501 HIGH-SPEED" ▶ "M2501 HIGH-SPEED Utility"

Exiting

1 **Click [icon] (Orange) on the Main screen (P54)**

The exiting confirmation screen appears.
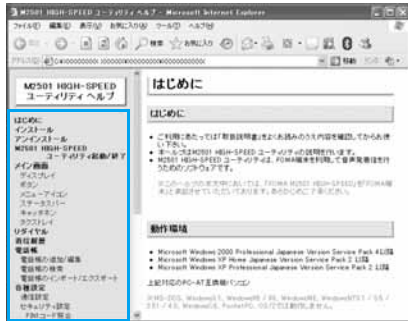
2 **Click [OK]**

Note

• You cannot exit the utility under the following circumstances : (checking the specifications)
  - While dialing or receiving/performing a call
  - While the Redial/Received Calls/Phonebook screen is open

Help

Finding Help on How to Operate

You can display Help to find how to install or use functions.

1 **Click** ▢ **(ヘルプ (Help)) on the Main screen (P54)**

Help items

2 **Click on a topic for help**

The explanation appears on the right side of the screen.

Note

• You can also press the "F1" key on the PC to start Help while the Main screen is displayed.

Caller ID Notification

Sending Caller ID

You can display your phone number (Caller ID) on the received party's phone. The Caller ID is your private information. Be aware of that when you send it.
For detailed steps, see "Setting Other Options" (P64) or "Setting Caller ID Display Request Service" (P67).

Own Number Display

Viewing Your Own Number

You can view your phone number (Own Number) saved in the UIM.

1 **Click** ▢ **(自局電話番号表示 (Own number display)) on the Main screen (P54)**

Making Voice Calls

1 **Enter a phone number including the area code on the Main screen (P54)**

Always include the area code even if the call is made inside the same city.

| Area Code | → | Local Exchange Number | → | Number |

• **clear** : Erases one digit with one press.

■ **Making a Call to a Mobile Phone**
090-XXXX-XXXX
or
080-XXXX-XXXX

■ **Making a Call to PHS**
070-XXXX-XXXX

2 **Click** ▢

▢ appears while dialing and ▢ appears during a call in the Status Indicator Area.

■ **When Busy Tones Are Heard**
The line is busy. Click ▢ and try again later.

■ **When a Voice Prompt Indicating That a Call Cannot Be Connected Is Heard**
The other party's mobile phone or PHS is turned off or out of the service area. Click ▢ and try again later.

■ **When a Voice Prompt Indicating to Send Caller ID Is Heard**
The other party sets the Caller ID Display Request Service to "Activate". Try again after setting Caller ID to be sent.

3 **Click** ▢ **to end the call**

Note

• Up to 26 characters from 0 to 9 (including #, ＊ and +) and up to five - (hyphens) can be entered for a phone number.

• When a name and phone number are saved in the Phonebook, the name appears on the Main screen.

Making a Voice Call

• An audio device such as an earphone microphone is required to make a call using this FOMA terminal. An earphone microphone with switch P001/P002 (optional) or stereo earphone set P001 (optional) can be used as an audio device.
For using the set, see "Using an Earphone Microphone with Switch" (P86).

Using Redial

Dialed phone number, time and date of the call are saved in Redial.

1 Click ▢▢ (リダイヤル (Redial)) on the Main screen (P54)
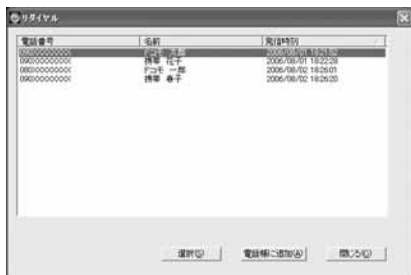
Redial Screen

• [Add to Phonebook]

: "Saving Entry to Phonebook" →P59

2 Select a Redial entry▶Click [選択 (Select)]

The selected Redial entry appears on the Main screen.

3 Click 📞

4 Click 📵 to end the call

<div class="note">

Note

• Up to 20 entries can be saved in "Redial". If more than 20 entries are saved, oldest entries are overwritten first.

• Clicking a header ("電話番号 (Phone Number)", "名前 (Name)", or "発信時刻 (Dialed Time)") rearranges the list temporarily. Clicking again restores the original list.

• When a name and phone number are saved in Phonebook, the name appears under "名前 (Name)" on the Redial screen.

• If you use a FOMA terminal with different UIM card inserted or use the terminal with different user account, the same Redial list is shared.

</div>

Deleting Entries from Redial

1 Right click the Redial entry on the Redial screen (P57)▶Click [削除 (Delete)]/[全削除 (Delete All)]

The deletion confirmation screen appears.

2 Click [OK]

<div class="note">

Note

• Selecting entries while holding down the "Shift" key on the keyboard allows you to specify a range.

• Selecting entries while holding down the "Ctrl" key on the keyboard allows you to select more than one entry.

</div>

Dialing a Phone Number with Preceding "186" or "184"

You can set whether to send Caller ID for each outgoing call.

1 Dial a phone number with 186 or 184 before the number

■ **Sending Caller ID**
1 8 6 → a phone number → Click 📞

■ **Hiding Caller ID**
1 8 4 → a phone number → Click 📞

International Calls

WORLD CALL is an international calling service available from a DoCoMo mobile phone.
FOMA service subscribers are also signed up for WORLD CALL at the time of initial subscription (except subscribers explicitly declining this service).

- You can make calls to about 220 countries and regions around the world.
- Charges for "WORLD CALL" are added to your monthly call charges.
- No initial fee and no fixed monthly charges apply.
- Changes to the International Call Dialing Procedure
  The international call dialing procedure from a cell phone has been changed due to the introduction of the "マイライン (My Line)" service. Consequently, the previous dialing procedure (Step 1 in "Making an International Call" (P58) without the prefix "010") can no longer be used.
- Some billing plans may not be applied to WORLD CALL.
- For details on WORLD CALL, contact the "DoCoMo Information Center" on the back of this manual.
- When using international carriers other than DoCoMo, contact the prospective carrier directly.
- An "International Video Call" to an overseas party can be made using the "DoCoMo Video Call Software 2005" contained in the included CD-ROM.
- * For countries where such a connection can be made and carriers, see DoCoMo's Web site.
- * Depending on the terminal of the other party connected via the international video call, the picture displayed by the FOMA terminal may be distorted or the connection may not be established.

Making an International Call

1 Enter ⓪⓪⑨①③⓪ → ⓪①⓪ → Country Code → Area Code → Phone Number▶ 📷

> **Note**
>
> - If the area code starts with "0", exclude "0". However, in some countries, such as Italy, or in some regions, the leading "0" may be required.

Receiving a Voice Call

1 Click 📷 on the Main screen (P54)

The ring tone sounds and 📷 (animation) appear in the Status Indicator Area on the Main screen.

2 Click 📷 to end the call

> **Note**
>
> - When a name and phone number are saved in the Phonebook, the name appears on the Main screen.

Making a Voice Call

- An audio device such as an earphone microphone is required to make a call using this FOMA terminal. An earphone microphone with switch P001/P002 (optional) or stereo earphone set P001 (optional) can be used as an audio device.
  For using the set, see "Using an Earphone Microphone with Switch" (P86).

■ If you do not answer an incoming call

📷 appears in the Status Indicator Area on the Main screen. Click 📷 to view Missed Calls. →P58

- 📷 disappears after opening the Received Calls screen.
- If a call is not answered while the Received Calls screen is open, 📷 does not appear.

Received Calls

Using Received Calls

The phone number, time and date of incoming calls are saved in "Received Calls".

1 Click 📷 (着信履歴 (Received Call)) on the Main screen (P54)

Received Calls Screen

- [電話帳に追加 (Add to Phonebook)] : "Saving Entries in Phonebook" →P59
- 📷 appears for a Missed Call.

2 Select a Received Call▶Click [選択 (Select)]

The selected Received Call appears in the Text Area on the Main screen.

- ▣ : A voice call can be made to the displayed phone number.

- Up to 20 entries can be saved in "着信履歴 (Received Calls)". If more than 20 entries are saved, oldest entries are overwritten first.
- Clicking a header ("不在 (Missed Calls)", "電話番号 (Phone Number)", "名前 (Name)", or "着信時刻 (Incoming Time)") rearranges the list temporarily. Clicking again restores the original list.
- When a name and phone number are saved in Phonebook, the name appears under "名前 (Name)" on the Received Calls screen.
- If you use a FOMA terminal with different UIM card inserted or use the terminal with different user account, the same Received Calls are shared.

Deleting Entries from Received Calls

1 Right click the Received Call entry on the Received Calls screen (P58)▶Click [削除 (Delete)]/[全削除 (Delete All)]

The deletion confirmation screen appears.

2 Click [OK]

- Selecting entries while holding down the "Shift" key on the keyboard allows you to specify a range.
- Selecting entries while holding down the "Ctrl" key on the keyboard allows you to select more than one entry.
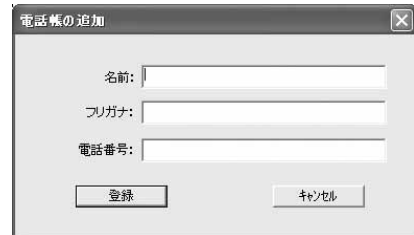

Phonebook

Using Phonebook

Adding

Saving Entries in Phonebook

1 Click ▣▣ (電話帳 (Phonebook)) on the Main screen (P54)

Phonebook Screen

2 Click [追加 (Add)]

3 Perform the following steps

Name

Enter using Kanji, Hiragana, Katakana, alphanumeric or symbols.

▶**Enter a name**
- Enter characters using the keyboard of the PC.
- Up to 16 double-byte or 32 single-byte characters can be entered.
- An entry cannot be saved to the Phonebook until this field is filled in.

Reading

Enter using double-byte katakana, single-byte alphanumeric, or single-byte symbols.

▶**Enter a reading**
- Enter characters using the keyboard of the PC.
- A reading is entered automatically when "名前 (Name)" is entered.
- Up to 16 double-byte or 32 single-byte characters can be entered.

Phone number

Enter using single-byte alphanumeric characters.

▶**Enter a phone number**
- Enter characters using the keyboard of the PC.
- Up to 26 characters from 0 to 9 (including #, *, and +) and up to five - (hyphens) can be entered.

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4 Click [登録 (Add)]

- To save Phonebook to the PC after adding a contact, click [更新 (Refresh)] → [OK] on the Contacts screen.

- Up to 1,000 entries can be saved in the Phonebook. By default, entries are saved in the "C:￥Program Files￥ M2501 HIGH SPEED Utility￥XXX" folder.
- Characters entered in excess of the maximum number of characters allowed will be ignored.
- You cannot move/copy Phonebook to or from the UIM using the FOMA terminal.
- If you use a FOMA terminal with another UIM card inserted or use the terminal with another user account, the same Phonebook is shared.
- DoCoMo is not responsible for the loss of saved data.

Making a Call from Phonebook

1 Click [検索 (Find)] on the Phonebook screen (P59)

2 Perform the following steps

Search Targets

Pull down menu▶Select an option from the following

名前 **(Name)** : Find an entry by name

フリガナ **(Reading)** : Find an entry by reading

電話番号 **(Phone Number)** : Find an entry by phone number

Enter a text string to find

▶**Enter a part of the text to find**
- Enter characters using the keyboard of the PC.

3 Click [検索 (Find)]

The Find Result screen opens.

4 Select a Phonebook▶[選択 (Select)]

The selected entry appears on the Main screen.

- This [選択 (Select)] is not displayed if "電話番号 (phone number)" of phonebook is empty.

5 Click

6 Click to end the call

- Clicking a header ("名前 (Name)", "フリガナ (Reading)", or "電話番号 (Phone Number)") rearranges the list temporarily. Clicking again restores the original list.

Making a Voice Call

- An audio device such as an earphone microphone is required to make a call using this FOMA terminal. An earphone microphone with switch P001/P002 (optional) or stereo earphone set P001 (optional) can be used as an audio device.
  For using the set, see "Using an Earphone Microphone with Switch" (P86).

Edit

Editing Phonebook

1 Select a Phonebook on the Phonebook screen (P59)▶Click [編集 (Edit)]

Perform Step 3 in "Saving Entries in Phonebook" (P59) to edit items.

2 After editing▶Click [登録 (Save)]

- To save Phonebook to the PC after editing a content, click [更新 (Refresh)] → [OK] on the Phonebook screen.

Delete

Deleting Phonebook

1 Select a Contact on the Phonebook screen (P59)▶Click [削除 (Delete)]

The deletion confirmation screen appears.

2 Click [OK]

- To save Contacts to the PC after deleting a content, click [更新 (Refresh)] → [OK] on the Phonebook screen.

- Selecting entries while holding down the "Shift" key on the keyboard allows you to specify a range.
- Selecting entries while holding down the "Ctrl" key on the keyboard allows you to select more than one Contact.

Import / Export Phonebook

Importing / Exporting Phonebook

Importing (CSV)

You can read (import) Contacts in the CSV (.csv) / text. (.txt) format. However, depending on the file, even a file in a compatible file format may not be imported.

- A Phonebook entry has a format of "名前 (Name)", "なまえ (Reading)", and "番号 (Number)" in this order from the beginning of each line. Each field must be inside " " (double quotation marks)" and separated with "<Tab>" or ", (comma)".

  Example using a Tab delimiter
  "携帯はな子 (Keitai Hanako)"<Tab>"ケイタイハナコ (Keitai Hanako)"<Tab>"090XXXXXXXX"
  * Each <Tab> becomes a gap between fields when entered.

  Example : Using a Comma delimiter
  "携帯はな子 (Keitai Hanako)","ケイタイハナコ (Keitai Hanako)", "090XXXXXXXX"

1 **Right click on the Phonebook screen (P59)▶Click "電話帳インポート (Import Phonebook)"▶"CSVファイル (CSV File)"**

The file selection screen appears.

2 **Select a file▶Click [開く (Open)]**

3 **Specify a "Delimiter"**

- "タブ文字 (Tab)"…Check if importing a tab delimited CSV /text (.txt) formatted file.
- "カンマ (Comma)"…Check if importing a comma delimited CSV /text (.txt) formatted file.
- "先頭の行を無視する (Ignore the First Line)"…Check if ignoring the first line of the file to be imported.

4 **Click [OK]**

> **Note**
>
> - As many Phonebook entries can be imported as to have a combined total of up to 1,000 Phonebook entries with both the existing Phonebook entries and the new entries. Entries that exceed the limit will be ignored. The types and number of characters that can be imported are the same as for the corresponding fields for the Phonebook. →P59

- If the data in the file to be imported does not have the Name field "名前 (Reading)", the record cannot be imported even if it has "なまえ (Reading)", or "番号 (Phone Number)" fields filled.

Importing (vCard)

You can read (import) Contacts in the vCard (.vcf)* format. However, depending on the file, even a file in a compatible file format may not be imported.
*: Supports up to Version 2.1 vCard format.

1 **Right click on the Phonebook screen (P59)▶Click "電話帳インポート (Import Phonebook)"▶"vCard"**

The file selection screen appears.

2 **Select a file▶Click [開く (Open)]**

> **Note**
>
> - As many Phonebook entries can be imported as to have a combined total of up to 1,000 Phonebook entries with both the existing Phonebook entries and the new entries. Entries that exceed the limit will be ignored. The types and number of characters that can be imported are the same as for the corresponding fields for the Phonebook. →P59

Exporting

You can save (export) all Phonebook entries in a file in CSV (.csv) or vCard (.vcf)* format.
*: Supports up to Version 2.1 vCard format.

1 **Right click on the Phonebook screen (P59) ▶Click "電話帳エクスポート (Export Phonebook)"▶"CSVファイル (CSV File)"/"vCard"**

The screen for entering a name for the file to be saved appears.

2 **Enter a file name▶Click [保存 (Save)]**

- Enter characters using the keyboard of the PC.

> **Note**
>
> - Each line in a file exported in the CSV format has a "名前 (Name)", "なまえ (Reading)", and "番号 (Number)" separated by commas.

Network Settings (Overseas Use)

- Insert the FOMA terminal into the PC card slot before performing these steps.
- While the Communication Settings screen is displayed, no operations can be performed from the Main screen. If a call arrives during the operation, the call can be answered after [閉じる (Close)] is clicked, however, the options being set will be canceled.
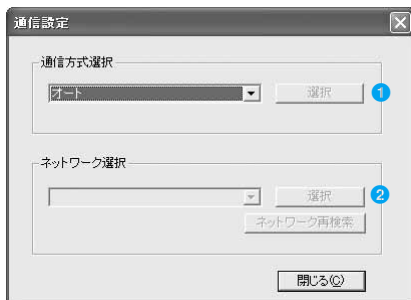
Switching Networks Manually

Default	通信方式 (Communication System): オート (Auto) ネットワーク選択 (Select Network): オート (Auto)

Selecting and setting networks manually.

- Usually, set "通信方式選択 (Communication system)" to "オート (Auto)".

1 Click ⚫ (各種設定 (Settings)) on the Main screen (P54)▶"ネットワーク設定 (Network Settings)"

Communication Setting Screen

2 Perform the following steps

Select Communication System

Select a communication system to connect to the network.

▶**Pull down menu**▶**Select an option from the following**▶**[選択 (Select)] (❶)**

"オート (Auto)"

: You can connect to an available network automatically. "ネットワーク選択 (Select Network)" cannot be performed.

"W-CDMA固定 (Static W-CDMA)"

: Connection to a W-CDMA network will be established.

"GSM固定 (Static GSM)"

: Connection to a GSM/GPRS network will be established.

- Enter the PIN1 code using the keyboard of the PC.

Selecting a Network

Select a network (carrier). No operations are available if "オート (Auto)" is set for "通信方式設定 (Communication system)".

▶**Pull down menu**▶**Select an option from the following**▶**[Select] (❷)**

"オート (automatic Selection)"

: Available networks specified in "通信方式設定 (Communication system)" will be searched automatically.

"ネットワーク１*/ネットワーク２* (Network 1*/ Network 2*)"

: Directly select a network found by clicking "オート (Auto)" or [ネットワーク再検索 (Search again for a Network)].
  *: The names of available networks appear.

■ **If no appropriate networks were found with "Communication System"**

Click [ネットワーク再検索 (Search again for a Network)] on the Communication Setting screen.

- After the search, found networks will be displayed in "Networks2*".
  *: The names of available networks appear.

Note

- When using the FOMA terminal in Japan, set "通信方式選択 (Select Communication Method)" to "オート (Auto)".
- Depending on the network or signal status, this option may not be set.
- The set network is displayed on the Main screen.

Setting UIM PIN

You can set the PIN1 code for the UIM.

- Insert the FOMA terminal into the PC card slot before performing these steps.
- While the Security Settings screen is displayed, no operations can be performed from the Main screen. If a call arrives during the operation, the call can be answered after [閉じる (Close)] is clicked, however, the options being set will be canceled.

Entering a PIN1 Code/Changing the PIN1 Code

Default	起動時PINコード照合 (PIN Code Verification at Start-up): 無 (No)

You can require the PIN1 code entry each time the M2501 HIGH-SPEED Utility is launched. You can also change the PIN1 code.

1 Click ■ (各種設定 (Settings)) on the Main screen (P54)▶"セキュリティ設定 (Security Settings)"

Security Setting Screen

2 Perform the following steps

PIN Verification at Start-up
You can set to require the PIN1 code to use the utility software.

▶**Pull down menu**▶**"有 (Yes)"/"無 (No)"**▶**[設定 (Set)]**▶**Enter the PIN (4 - 8 digits)**▶**Click [照合 (Verify)]**
- Enter the PIN1 code using the keyboard of the PC.

Changing the PIN
You can change the PIN1 code. Set "起動時PIN1コード照合 (Verification at Start up)" to "有り (Yes)" before performing steps.

▶**[変更 (Change)]**▶**Enter the current PIN1 code (4 - 8 digits)**▶**Enter the new PIN1 code (4 - 8 digits)**▶**Enter the new PIN1 again for verification**▶**Click [変更 (Change)]**
- Enter the PIN1 code using the keyboard of the PC.

Note

- The PIN1 code is set to "0000" by default. However, if you are using a UIM that has been changed from the default, the PIN1 code remains the same as set previously.
- If an incorrect PIN1 code is entered three times in a row, the PIN is locked automatically. Write down the PIN and keep it in a safe place.
- If you intend to perform packet communication or 64K data communication, set "起動時PINコード照合 (PIN1 Code Verification at Start up)" to "(無) No".
- The PIN1 code is stored on the UIM.

Unlocking a Locked PIN

If an incorrect PIN1 code is entered three times in a row on the screen requiring the PIN1 code entry, the PIN1 code is locked. If this happens, you need to unlock the PIN1 code and set a new PIN1 code.

1 Enter the PUK code (8 digits)
- Enter the PUK code using the keyboard of the PC.
- For the PUK code, refer to your original FOMA subscription form (customer's copy).

2 Enter the new PIN1 code (4 - 8 digits)
- Enter the PIN using the keyboard of the PC.

3 Enter the new PIN1 code again▶Click [解除 (Unlock)]

Note

- If an incorrect PUK code is entered ten times in a row, the PUK code is locked automatically. Write down the code and keep it in a safe place.
- If you do not have the PUK code or the code is completely locked, you need to bring the FOMA HIGH-SPEED terminal, the UIM, and an ID (driver's license, etc.) to a DoCoMo shop.

Utility Software Security Settings

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Card Settings

Sound/Other Settings

- Insert the FOMA terminal into the PC card slot before performing these steps.
- While the Sound/Other Setting screen is displayed, no operations can be performed on the Main screen. If a call arrives during the operation, the call can be answered by clicking [キャンセル (Cancel)], however, the options being set will be canceled.

Sound Settings

Setting a Ring Tone and Earphone Volume

Default	着信音 (Ring tone): ☑ イヤホン受信音量 (Earpiece volume): 4 イヤホン着信音量 (Earphone ring tone volume): 4

1 Click ◉ (各種設定 (Settings)) on the Main screen (P54)▶"カード設定 (Card Settings)"▶"音の設定 (Sound Settings)" tab

Sound Setting Screen

2 Perform the following steps

Using the PC Speaker for Incoming Calls (Ring tone)

▶**Click the check box**

☐ : The ring tone does not sound from the PC speakers.

☑ : The ring tone sounds from the PC speakers.

- [再生 (Play)] / [停止 (Stop)] : You can try the ring tone.

Earpiece volume

You can adjust the earpiece volume during a call in eight levels from "小 (Low)" to "大 (High)".

▶**Drag the slide right or left.**

Earphone ring tone volume

You can adjust the earphone ring tone volume for an incoming call in eight levels from "小 (Low)" to "大 (High)".

▶**Drag the slide right or left.**

3 Click [OK]/[適用 (Apply)]

Note

- Adjust ring volume from the PC using the volume control of the PC.

Other Settings

Setting Other Options

Default	ユーティリティ起動時にメイン画面を表示する **(Display the Main screen when launching the utility software):** ☑ メイン画面を常に手前に表示する **(Display the Main screen always on top):** ☐ 着信時にメイン画面を手前に表示する **(The Main screen opens on top at start-up):** ☐ 番号通知 **(Caller ID):** 通知 **(Notify)** **(LED)** 点灯消灯切替 **(Turn on/off the LED): ON** コンピュータの電源OFF スタンバイ移行時に音声電話を切断する **(Disconnect a voice call when shutting down the PC/moving to standby mode):** ☑

You can set whether to send Caller ID, turn on/off the status lamp or whether to display the Main screen at start-up.

1 Click ◉ (各種設定 (Settings)) on the Main screen (P54)▶"カード設定 (Card Settings)"▶"その他の設定 (Other Settings)" tab

Other Settings Screen

2 Perform the following steps

Display the Main screen when launching the utility software (Main screen operation settings)

▶**Click the check box**

☐ : The Main screen is displayed as an icon in the Task tray.

☑ : The Main screen opens.

Display the Main screen always on top (Main screen operation settings)

▶**Click the check box**

☐ : Newly opened screens are displayed on the Main screen.

☑ : The Main screen opens at start-up.

Display the Main screen always on top when a call arrives (Main screen operation settings)

▶**Click the check box**

☐ : The Main screen does not open on top when a call arrives.

☑ : The Main screen opens on top when a call arrives.

Send Caller ID (Card settings)

▶**Pull down menu▶Select an option from the followings**

通知 **(Display)**

: Caller ID is sent to the other party.

非通知 **(Hide)**

: Caller ID is not sent to the other party.

未設定 **(Not set)**

: According to the setting in "Setting Caller ID Notification Service" (P65).

Turn on/off the LED (Card settings)

▶**Pull down menu▶Click "ON" / "OFF"**

• Setting to "OFF" disables the LED status indicator of the FOMA terminal (P17).

Disconnect a voice call when shutting down the PC/moving to standby mode

▶**Click the check box**

☐ : Cancels shutting down/moving to the standby mode without disconnecting a voice call.

☑ : Disconnects the voice call and shuts down/moves to the standby mode.

3 Click [OK]/[適用 (Apply)]

Network Service Settings

You can configure necessary settings to use DoCoMo's network services. For descriptions and instructions for using each service, refer to "Network Services" (P71).

• Insert the FOMA terminal into the PC card slot before performing these steps.

• While the Network Service Settings screen is displayed, no operations can be performed from the Main screen. If a call arrives during the operation, the call can be answered after [閉じる (Close)] is clicked, however, the options being set will be canceled.

Caller ID Notification

Setting the Caller ID Notification Service

• When ⬛ is displayed, operation is not possible.

1 Click ⬛ (各種設定 (Settings)) on the Main screen (P54)▶"ネットワークサービス設定 (Network Service Settings)"▶"発信者番号通知 (Caller ID Notification)" tab

Caller ID Notification Service Setting Screen

• [設定確認 (Check Settings)] ： The setting of "発信者番号通知サービス設定 (Caller ID Notification Service Setting)" can be checked.

2 Perform the following steps

Caller ID Notification Service Settings

▶**Pull down menu▶Select an option from the following▶ Click [設定送信 (Send Settings)]▶Enter the network security code▶Click [OK]**

• Enter the network security code from the keyboard of the PC.

通知する **(Display)** ： Caller ID is sent to the other party.

通知しない **(Hide)** ： Caller ID is not sent to the other party.

Voice Mail

Setting the Voice Mail Service

- When ![icon] is displayed, operation is not possible.
- A separate subscription is required.

1 Click ![icon] (各種設定 (Settings)) on the Main screen (P54)▶"ネットワークサービス設定 (Network Service Settings)"▶"留守番電話 (Voice Mail)" tab

Voice Mail Service Setting Screen

- [設定確認 (Check Settings)] : The settings of "留守番電話サービス (Voice Mail Service)" and "留守番電話呼び出し時間 (Voice Mail Paging Time (in seconds) [0 - 120])" can be checked.

2 Perform the following steps

Voice Mail Service

▶Pull down menu▶Select an option from the followings▶Click [設定送信 (Send Settings)]▶Click [OK]

開始 (Activate)　　： Voice Mail Service starts.

停止 (Deactivate) ： Voice Mail Service stops.

Voice Mail Ring Time (in seconds) [0 - 120] (Voice Mail Service)

You can set the access time to connect to the Voice Mail Service Center.

This can be skipped.

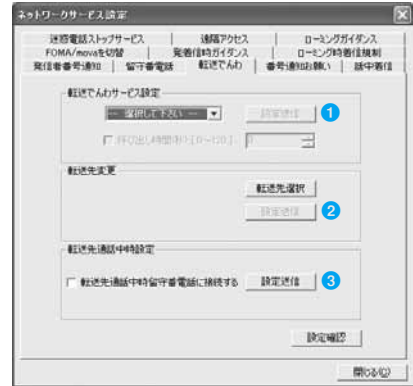▶Put a check in the box ☑ ▶Enter the ring time (in seconds)▶Click [設定送信 (Send Settings)]▶[OK]

> **Note**
>
> - You can also enter the ring time in seconds using the keyboard of the PC.
> - If "留守番電話呼び出し時間（秒）(Voice Mail Ring Time (in seconds) [0 - 120])" is set to 0 (zero), a call is not saved in Received Calls. (Checking the specifications)

Call Forwarding

Setting the Call Forwarding Service

- When ![icon] is displayed, operation is not possible.
- A separate subscription is required.
- Save the forwarding phone number in Phonebook before setting the service.

1 Click ![icon] (各種設定 (Settings)) on the Main screen (P54)▶"ネットワークサービス設定 (Network Service Settings)"▶"転送でんわ (Call Forwarding)" tab

Call Forwarding Service Setting Screen

- [設定確認 (Check Settings)] : The setting of "転送でんわサービス設定 (Caller Forwarding Service Setting)" can be checked.

2 Perform the following steps

Call Forwarding Service

▶Pull down menu▶Select an option from the followings▶Click [設定送信 (Send Settings)] (❶)▶Click [OK]

開始 (Activate)　　： Call Forwarding Service starts.

停止 (Deactivate) ： Call Forwarding Service stops.

Call Forwarding Ring Time (in seconds) [0 - 120] (Voice Mail Service)

You can set the ring time before a call is forwarded. This can be skipped.

▶Put a check in the box ☑ ▶Enter the ring time (in seconds)▶Click [設定送信 (Send Settings)] (❶)▶[OK]

Changing Forwarding Destination

Specify a forwarding phone number from Phonebook.

▶[転送先選択 (Select Forwarding Destination)]▶Select a forwarding destination▶Click [選択 (Select)]▶Click [設定送信 (Send Settings)] (❷)▶[OK]

Connecting to Voice Mail when the Forwarding Party is Busy (Forwarding Party Busy Setting)

You can set whether to use Voice Mail when the Call Forwarding Destination is busy.

◆**Check box**◆**Click [設定送信 (Send Settings)] (❸)◆[OK]**

☐ : A call is disconnected without using Voice Mail.

☑ : Voice Mail is used.

<div style="background:#ccc; padding:2px">Note</div>

- You can also enter the ring time in seconds using the keyboard of the PC.
- You cannot specify a toll-free number or a 3-digit phone number such as 110 as a forwarding destination.
- If a PBX, pager* or FAX is set as a forwarding destination, a caller may get confused.
  - *: From January, 2001, the DoCoMo pager service changed its name to QUICKCAST.
- If a forwarding destination has already been set, you can skip the steps in "呼び出し時間（秒）[0 - 120] (Ring Time (in seconds) [0 - 120])" and "転送先変更 (Change Forwarding Destination)".
- If "呼び出し時間（秒）[0 - 120] (Ring Time (in seconds) [0 - 120])" is set to 0 (zero), a call is not saved in Received Calls. (Checking the specifications)
- To use the option for "転送先通話中設定 (When the Call Forwarding Destination is Busy)", you need to subscribe the "Voice Mail Service" and activate the service.

<div style="background:#cce; padding:2px">Caller ID Display Request Service</div>

Setting the Caller ID Display Request Service

- When ☐ is displayed, operation is not possible.

1 Click 🔘 (各種設定 (Settings)) on the Main screen (P54)◆"ネットワークサービス設定 (Network Service Settings)"◆"番号通知お願い (Caller ID Display Request)" tab

Caller ID Display Request Service Settings Screen

- [設定確認 (Check Settings)] : The setting of "番号通知お願いサービス (Caller ID Display Request Service)" can be checked.

2 Perform the following steps

<div style="background:#cce; padding:2px">Caller ID Display Request Service</div>

◆**Pull down menu◆Select an option from the following◆ Click [設定送信 (Send Settings)]◆Click [OK]**

開始 **(Activate)** : Caller ID Display Request Service starts.

停止 **(Deactivate)** : Caller ID Display Request Service stops.

<div style="background:#cce; padding:2px">Call Waiting</div>

Setting the Call Waiting Service

- When ☐ is displayed, operation is not possible.
- A separate subscription is required.

1 Click 🔘 (各種設定 (Settings)) on the Main screen (P54)◆"ネットワークサービス設定 (Network Service Settings)"◆"話中着信 (Call Waiting)" tab

Call Waiting Service Settings Screen

- [設定確認 (Check Settings)] : The setting of "Call Waiting Service Setting" can be checked.

2 Perform the following steps

<div style="background:#cce; padding:2px">Call Waiting Service Settings</div>

◆**Pull down menu, select an option from the following◆ Click [設定送信 (Send Settings)]◆Click [OK]**

開始 **(Activate)** : Call Waiting Service starts.

停止 **(Deactivate)** : Call Waiting Service stops.

Switching between Foma/mova

Setting the Dual Network Service

You can switch to the Dual Network Service when the FOMA terminal or a mova terminal is not available. This section describes steps to switch from a mova terminal to the FOMA terminal.

- When 📵 is displayed, operation is not possible.
- A separate subscription is required.

1 **Click ⬤ (各種設定 (Settings)) on the Main screen (P54)▶"ネットワークサービス設定 (Network Service Settings)"▶ "Foma/movaを切替 (Switch Foma/mova)" tab**

Dual Network Service Settings Screen

- [設定確認 (Check Settings)] ： The status of the dual network can be checked.

2 **Click [設定送信 (Send Settings)]▶Enter Network security code▶Click [OK]▶[OK]**

- Enter the network security code from the keyboard of the PC.

Note

- Switching during communication disconnects the communication.
- To switch to use mova, perform the operation using a mova terminal. You cannot perform steps to switch to mova using the FOMA terminal. For details such as operations using mova, refer to "ネットワークサービス操作ガイド (Network Service Operation Guide)".

Voice Prompt for Incoming/Outgoing Calls

Setting the Voice Prompt for Incoming/ Outgoing Calls

The language of the voice prompt that explains how to set the network service or announces incoming/outgoing calls can be switched between Japanese and English. Settings for incoming and outgoing calls are specified separately.

- When 📵 is displayed, operation is not possible.

1 **Click ⬤ (各種設定 (Settings)) on the Main screen (P54)▶"ネットワークサービス設定 (Network Service Settings)"▶"発着信時ガイダンス (Voice Prompt for Incoming/Outgoing Calls)" tab**

Voice Prompt for Incoming/Outgoing Calls Screen

- [設定確認 (Check Settings)] ： The settings of "発信時ガイダンス選択 (Select Voice Prompt for Outgoing)" and "着信時ガイダンス選択 (Select Voice Prompt for Incoming)" can be checked.

2 **Perform the following steps**

Voice Prompt for Outgoing (Select Voice Prompt for Outgoing)

You can set the language for the voice prompt you hear.

▶**Pull down menu▶Select an option from the following▶ Click [設定送信 (Send Settings)] (❶)▶Click [OK]**

日本語 **(Japanese)** ： The voice prompt is played in Japanese.
英語 **(English)** ： The voice prompt is played in English.

Prompt for Incoming (Select Voice Prompt for Incoming)

You can set the language for the voice prompt for the caller.

▶**Pull down menu**▶**Select an option from the followings**▶
Click [設定送信 (Send Settings)] (②)▶**Click [OK]**

日本語 **(Japanese)** ： The voice prompt is played in Japanese.

日本語＋英語 **(Japanese+English)**

: The voice prompt is played in Japanese followed by English.

英語＋日本語 **(English+Japanese)**

: The voice prompt is played in English followed by Japanese.

Setting Restrictions on Incoming Calls while Roaming

You can set to restrict incoming calls while roaming (overseas use).

• When ☐ is displayed, operation is not possible.

1 Click ☐ (各種設定 (Settings)) on the Main screen (P54)▶"ネットワークサービス設定 (Network Service Settings)"▶"ローミング時着信規制 (Restricting Incoming while Roaming)" tab

Call Barring-Roaming Settings Screen

• [設定確認 (Check Settings)] ： The setting of "ローミング時着信規制 (Restricting Incoming while Roaming)" can be checked.

2 Perform the following steps

Restricting Incoming Calls while Roaming

▶**Pull down menu**▶**Select an option from the following**▶
Click [設定送信 (Send Settings)]▶**Enter the network security code**▶**Click [OK]**▶**[OK]**

全着信規制を開始 **(Start Restricting All Incoming)**

: All incoming calls are restricted.

データ呼着信規制を開始 **(Start Restricting Data Incoming)**

: Only incoming video calls are restricted.

着信規制を停止 **(Stop Restricting Incoming)**

: Restriction on incoming while roaming stops.

Setting the Nuisance Call Barring Service

• When ☐ is displayed, operation is not possible.
• A separate subscription is required.

1 Click ☐ (各種設定 (Settings)) on the Main screen (P54)▶"ネットワークサービス設定 (Network Service Settings)"▶the "迷惑電話ストップサービス (Nuisance Call Barring Service)" tab

Nuisance Call Barring Service Settings Screen

• [設定確認 (Check Settings)] ： The setting of "迷惑電話着信拒否登録 (Nuisance Call Block Registration)" can be checked.

2 Perform the following steps

Nuisance Call Block Registration

You can save a phone number to block from incoming calls.

▶**Pull down menu**▶**Select an option from the followings**▶
[番号選択 (Select a Number)]*▶**Select a phone number***▶
[選択 (Select)]*▶**Verify the selected phone number** ▶
Click [設定送信 (Send Settings)] (①) ▶**[OK]**

*: These steps are not necessary if "最終着信呼指定 (Specify the Last Incoming)" is selected.

最終着信呼指定 **(Specify the Last Incoming)**

: The phone number of the last incoming call is specified.

電話帳リスト **(Phonebook List)**

: Specify a phone number to restrict from the Contact List.

リダイヤルリスト **(Redial List)**

: Specify a phone number to restrict from the Redial List.

着信履歴リスト **(Received Calls List)**

: Specify a phone number to restrict from the Received Calls List.

Cancel Registration

The registered phone numbers are unregistered.

▶**Pull down menu**▶**Select an option from the followings**▶
Click [設定送信 (Send Settings)] (❷)▶**Click [OK]**

全件解除 **(Cancel All)** ： All registered phone numbers are deleted.

1件削除 **(Delete One)** ： The last saved phone number is deleted.

Note

- Phone numbers with no Caller ID can also be registered to reject.
- International phone numbers may not be registered.
- If 30 numbers are already registered, delete the oldest and register a new one following the message.
- You cannot check or inquire about numbers registered in Nuisance call block. It is recommended that you write them down.

Remote Control
Setting Remote Control

You can set to operate the Voice Mail or Call Forwarding Service from a public phone other than the FOMA terminal.

- When ▐▞ is displayed, operation is not possible.

1 **Click** ⬛ **(各種設定 (Settings)) on the Main screen (P54)**▶**"ネットワークサービス設定 (Network Service Settings)"**▶**"遠隔アクセス(Remote Control)" tab**

Remote Control Setting Screen

- [設定確認 (Check Settings)] ： The setting of "遠隔アクセス制御 (Remote Control)" can be checked.

2 **Perform the following steps**

Remote Control

▶**Pull down menu**▶**Select an option from the followings**▶
Click [設定送信 (Send Setting)]▶**Click[OK]**

開始 **(Activate)** ： Remote Control Service starts.
停止 **(Deactivate)** ： Remote Control Service stops.

Roaming Guidance
Setting Roaming Guidance

A message informing a caller that you are overseas can be set to play to a anyone attempting to call you while you are overseas.

- When ▐▞ is displayed, operation is not possible.

1 **Click** ⬛ **(各種設定 (Settings)) on the Main screen (P54)**▶**"ネットワークサービス設定 (Network Service Settings)"**▶**"ローミングガイダンス (Roaming Guidance)" tab**

Roaming Guidance Settings Screen

- [設定確認 (Check Settings)] ： The setting of "ローミングガイダンス設定 (Roaming Guidance Settings)" can be checked.

2 **Perform the following steps**

Roaming Guidance Settings

▶**Pull down menu**▶**Select an option from the following**▶
Click [設定送信 (Send Settings)]

有り **(Yes)** ： Roaming Guidance is played.
無し **(No)** ： Roaming Guidance is not played.

Utility Software　Network Service Settings

Network Services

This chapter presents an outline of each network service using the "M2501 HIGH-SPEED Utility".
For details, refer to the "ネットワークサービス操作ガイド (Network Service Operation Guide)".

Available Network Services

The following DoCoMo network services are available on your FOMA terminal:
For a description of each service, see the referenced pages.

Service	Subscription	Monthly Charge	Reference
Caller ID Notification Service	Not Required	Free	P65
Voice Mail Service	Required	Charged	P66
Call Forwarding Service	Required	Free	P66
Caller ID Display Request Service	Not Required	Free	P67
Call Waiting Service	Required	Charged	P67
Dual Network Service	Required	Charged	P68
English Voice Prompt Service	Not Required	Free	P68
Nuisance Call Barring Service	Required	Free	P69
Public Mode (Power Off)	Not Required	Free	P76

For details on services that require subscription, contact the "DoCoMo Information Center" on the back of this manual.

> **Note**
> • For details, refer to the "ネットワークサービス操作ガイド (Network Service Operation Guide)".
> • See P78 for network services available overseas.
> • You cannot use network services while out of the service area or where there are no signals received.

■ **Network Security Code**
The Network Security Code is a 4-digit number that is required to use network services and is set to the number you chose at your initial subscription. You can change the code yourself.
If you have a "My DoCoMo ID/Password" for "My DoCoMo", the comprehensive support site for PCs, you can change the Network Security Code by accessing the site from your PC.
* For details on accessing "My DoCoMo", see the back of this manual.

Caller ID Notification Service

You can allow your phone number to be displayed on the screen of the receiving party's phone. Your Caller ID is valuable information. Be cautious about sending your Caller ID.
For details, see "Setting the Caller ID Notification Service" (P65).

• When ⚿ is displayed, operation of the Caller ID Notification Service is not possible.

Voice Mail Service

When a call arrives while ⚿ is displayed or the FOMA terminal power is turned off, the service responds to the call with a message and records the caller's message.
You can play the stored messages from anywhere in Japan.

• When ⚿ is displayed, operation of the Voice Mail Service from the FOMA terminal is not possible.
• Up to about three minutes per message (up to 20 messages) can be recorded, and they are kept for 72 hours.
• The Voice Mail service is automatically deactivated when the "Call Forwarding Service" (P73) is activated.

Basic Flow of the Voice Mail Service

Step 1 : Activate the Voice Mail Service
Step 2 : A voice call arrives*
Step 3 : Play back voice messages

*: Click # while the response message is playing to skip the response message and start recording your message immediately.

> **Note**
> • In Step 2, when the terminal is in the service area and the power is turned on, the ring tone sounds until the set ring time elapses. If you do not answer the call while the ring tone is sounding, the call is connected to the Voice Mail Service Center.

Activating/Deactivating the Voice Mail Service

* **For detailed steps, see "Setting the Voice Mail Service" (P66).**

Playing Voice Messages

1 **On the Main screen▶** 1 4 1 7 **▶Click**

A call is made to the Voice Mail Service Center. Follow the instructions of the voice prompts.

Call Forwarding Service

When a call arrives while 🖼 is displayed or the FOMA terminal power is turned off, the call is forwarded automatically to the pre-set phone number.

- When 🖼 is displayed, operation of the Call Forwarding Service from the FOMA terminal is not possible.
- The Call Forwarding Service is automatically deactivated when the "Voice Mail Service" (P72) is activated.
- When a video call arrives, the call is forwarded only if the forwarding destination is a device compatible with 3G-324M.
- The subscriber to the Call Forwarding Service is charged for the call transferred to the forwarding destination.

Basic Flow of the Call Forwarding Service

Step 1 : Register a forwarding destination number
Step 2 : Activate the Call Forwarding Service
Step 3 : A call arrives
Step 4 : The call is forwarded automatically to the forwarding destination

> **Note**
>
> - In Step 3, when the terminal is in the service area and the power is turned on, the ring tone sounds until the set ring time elapses. If you do not answer the call while the ring tone is sounding, the call is transferred to the forwarding destination.

Activating/Deactivating the Call Forwarding Service

* For detailed steps, see "Setting the Call Forwarding Service" (P66).

Enabling/Disabling Forwarding Voice Prompt

1 **On the Main screen▶** 1 4 2 9 **▶Click**

Follow the instructions of the voice prompt.

- For details, refer to "ネットワークサービス操作ガイド (Network Service Operation Guide)".

Caller ID Display Request Service

You can set to reject calls without Caller ID. When a call without Caller ID arrives, the Caller ID Display Request prompt (voice or graphics) is played to the caller, the call is disconnected, and the FOMA terminal does not perform any ringing actions.
For details, see "Setting the Caller ID Notification Service" (P65).

- When 🖼 is displayed, operation of the Caller ID Display Request Service from the FOMA terminal is not possible.

> **Note**
>
> - This service takes precedence if a call arrives from a registered caller when other Network Services are activated. For details, refer to the "Network Service Operation Guide".
> - This service covers only calls with "非通知設定 (Private ID)" as the reason of no Caller ID.
> - A rejected incoming call is not stored in Received Calls.

Call Waiting Service

When a voice call arrives during another voice call, you can answer the call after placing the active call on hold. You can also place an active call on hold to make another call.

- When 🖼 is displayed, operation of the Call Forwarding Service from the FOMA terminal is not possible.

Activating/Deactivating Call Waiting

* For detailed steps, see "Setting the Call Waiting Service" (P67).

Placing the Active Call on Hold to Answer an Incoming Call

You can place an active voice call on hold and answer an incoming call.

1 **Click 🖼 if a call arrives during a call**

The active call is placed on hold automatically and you can answer the incoming call.

- 🖼 : Each click switches the callers.

Placing the Active Call on Hold to Make Another Call

You can place an active call on hold to make another call.

1 **Enter a phone number during a call▶ Click 🖼**

The active call is placed on hold automatically and the new call becomes active.

- 🖼 : Each click switches the parties.

Ending the Active Call to Answer an Incoming Call

You can end an active voice call to answer an incoming call.

1 **Click 🖼 if a call arrives during a call**

2 **Click 🖼**

Dual Network Service

mova is also available with the same subscribed phone number as FOMA. Out of the FOMA service area, switch to mova to make/receive calls or perform data communications.
For details, see "Setting the Dual Network Service" (P68).

- When 🔳 is displayed, operation of the Dual Network Service is not possible.
- FOMA and mova cannot be used concurrently.

Note

- To switch from FOMA to mova, operate using the mova terminal. For details such as operations using mova, refer to "ネットワークサービス操作ガイド (Network Service Operation Guide)".
- Switching during communication disconnects the communication.

English Voice Prompt Service

You can set the voice prompt that is played while dialing or receiving calls to English. If you set the voice prompt while dialing to English, the voice guidance when you set Network Services such as Voice Mail Service will be in English. For details, see "Setting the Voice Prompt for Incoming/Outgoing Call" (P68).

■ **For Outgoing (Voice Prompts Played to You)**

Language	Description
日本語 (Japanese)	The voice prompt is played in Japanese.
英語 (English)	The voice prompt is played in English.

■ **For Incoming (Voice Prompts Played to a Caller)**

Language	Description
日本語 (Japanese)	The voice prompt is played in Japanese.
日本語＋英語 (Japanese+English)	The voice prompt is played in Japanese followed by English.
英語＋日本語 (English+Japanese)	The voice prompt is played in English followed by Japanese.

• When ⬛ is displayed, operation of the voice prompt is not possible.

> **Note**
>
> • If a caller and the other party use this service simultaneously, the caller's setting takes precedence over the other party's setting.

Nuisance Call Barring Service

You can save the phone numbers of nuisance sales callers to reject such calls. When a call from a saved phone number arrives, the Nuisance Call Barring prompt (voice or graphics) is played to the caller, the call is disconnected, and the FOMA terminal does not perform any ringing action.
For details, see "Setting the Nuisance Call Barring Service" (P69).

• When ⬛ is displayed, operation of the nuisance call barring service is not possible.

> **Note**
>
> • This service takes precedence if a call arrives from a registered caller while other Network Services are activated. For details, refer to the "ネットワークサービス操作ガイド (Network Service Operation Guide)".
> • This service covers only calls with "非通知設定 (Private ID)" as the reason for no Caller ID being sent.
> • The rejected incoming call is not stored in Received Calls.

Setting Remote Control

You can set to use another phone such as a public phone to remotely configure settings of the Voice Mail Service or Call Forwarding Service.
For details, see "Setting Remote Control" (P70).

• When ⬛ is displayed, operation of the remote control is not possible.
• You must set this option to activate the Voice Mail Service or Call Forwarding Service from overseas.

Public Mode (Power Off)

Public Mode (Power Off) is an automatic response service to help observe manners in public locations. When Public Mode (Power Off) is set, when a call arrives while the power is turned off, a voice prompt is played to the caller indicating that you are at a place where the device must be turned off (such as in hospitals, in aircraft, or near priority seats on a train) and cannot answer the call, and the call is disconnected.

Click ⃰ 2 5 2 5 1 ▶ 📞

Public Mode (Power Off) is set (the Main screen appears the same).

- After Public Mode (Power Off) is set, when a call arrives while the power is turned off, a voice prompt is played indicating that "The person you are calling is currently in an area where use is prohibited. Please try again later".

■ **Canceling Public Mode (Power Off)**
   Click ⃰ 2 5 2 5 0 ▶ 📞

■ **Checking the Status of Public Mode (Power Off)**
   Click ⃰ 2 5 2 5 9 ▶ 📞

■ **After Setting the Public Mode (Power Off)**
The Public Mode (Power Off) is activated until it is canceled by dialing "＊25250". Turning the power On does not cancel the mode.
A voice prompt indicating that you are at a location where you must turn the device off is played to the caller, and the call is disconnected.
The Public Mode (Power Off) voice prompt is played even when you are out of the service area or where no signals are received.

Operation while a Network Service and Public Mode (Power Off) are Activated

When Public Mode (Power Off) and a Network Service are activated concurrently, the following operations occur. Depending on the setting status and whether an incoming call is a voice call or a video call, the Network Service may take precedence and the Public Mode (Power Off) may not start or Missed Calls may not be displayed.

■ **Voice Mail Service**

Incoming Voice Calls	Incoming Video Calls
The Public Mode (Power Off) voice prompt is played to the caller, then the call is connected to the Voice Mail Service Center[*1]	The Public Mode image prompt does not appear to the caller. The call is disconnected without being connected to the Voice Mail Service Center.

■ **Call Forwarding Service**

Incoming Voice Calls	Incoming Video Calls
The Public Mode (Power Off) voice prompt is played to the caller, then the call is forwarded to the forwarding destination[*1]. Whether a voice prompt is played or not depends on the Call Forwarding Service settings.	The Public Mode image prompt does not appear, and the call is forwarded to the forwarding destination[*2]. If the forwarding destination is a phone that does not support video calls, the call is disconnected.

■ **Caller ID Display Request Service**

Incoming Voice Calls	Incoming Video Calls
If the caller does not send Caller ID, a voice prompt requesting Caller ID to be sent is played, then the call is disconnected. If the caller sends Caller ID, the Public Mode (Power Off) voice prompt is played, then the call is disconnected.	If the caller does not send Caller ID, an image prompt requesting Caller ID to be sent is displayed, then the call is disconnected. If the caller sends Caller ID, the Public Mode (Power Off) image prompt is displayed, then the call is disconnected.

■ **Nuisance Call Barring Service**

Incoming Voice Calls	Incoming Video Calls
If the caller is registered to block nuisance calls, a voice prompt to reject a call is played and the call is disconnected[*3].	If the caller is registered to block nuisance calls, an image prompt to reject a call is displayed and the call is disconnected[*3].

*1: If the Ring Time of the Voice Mail or Call Forwarding is set to "0秒 (0 second)", the Public Mode (Power Off) voice prompt will not be played and the call is not saved in Answered Calls.
*2: If the Ring Time of Call Forwarding is set to "0秒 (0 second)", the call is not saved in Answered Calls.
*3: The call is not saved in Answered Calls.

Overseas Use

This chapter explains how to make calls while oversea, using the "M2501 HIGH-SPEED Utility".

International Roaming Service (WORLD WING)

WORLD WING is DoCoMo's international roaming service that provides telephone and other types of communication services using the same mobile phone number overseas as is used in Japan, using affiliated overseas networks. For details on available communication services while using international roaming, refer to "国際サービスご利用ガイド (International Service Guide)". Also, visit DoCoMo's international service Web site to obtain the latest information about international services or download the latest version of "国際サービスご利用ガイド (International Service Guide)".

**DoCoMo's International Service Web Site URL:
http://www.nttdocomo.co.jp/service/world/**

Subscribing to WORLD WING

If you subscribed to the FOMA service after September 1, 2005, no separate subscription is required to use WORLD WING.

- If you subscribed to the FOMA service prior to August 31, 2005 and did not subscribe to WORLD WING, a separate initial subscription is required.
- Even if you subscribed to the FOMA service after September 1, 2005, if you declined WORLD WING when you originally subscribed, a new subscription to WORLD WING is required.

■ Using a PC

Access My DoCoMo (https://www.mydocomo. com/)▶ドコモeサイト (DoCoMo eSite)
* A "My DoCoMo ID" and "Password" are required.
* Depending on your plan, this service may not be available.

■ By Phone

Contact the "DoCoMo Information Center" on the back of this manual.

■ At a DoCoMo Shop

Contact a nearby DoCoMo shop.

■ At a DoCoMo World Counter

You can subscribe to this service even on the day of departure.

DoCoMo World Counter Narita No.1
: Narita International Airport Terminal No.1 Chuo Building 4F

DoCoMo World Counter Narita No.2
: Narita International Airport Terminal No.2 Honkan B1F

DoCoMo World Counter Kanku
: Kansai International Airport Passenger Terminal Building 4F

DoCoMo World Counter Chubu
: Chubu International Airport Passenger Terminal Building 3F
  Inside "Business Center P@tio"

* It may take a while to complete the subscription procedures. Please allow enough time.
* For business hours, refer to "国際サービスご利用ガイド (International Service Guide)" or DoCoMo's international service Web site.

> **Note**
>
> - If you subscribe to "mopera U", the Internet connection service for FOMA, you can use the Internet or Email overseas as in Japan using FOMA packets. For details, refer to the mopera U Web site.
>   http://www.mopera.net/

Services Available Overseas

Available communication services may vary depending on the overseas carrier or network. For details on available communication services while using international roaming, refer to "国際サービスご利用ガイド (International Service Guide)" or visit DoCoMo's international service Web site.

Available Communication Services

Service	Description
Data Communications	Packet communication or data communication using line switching is available overseas for connecting to a PC.
Voice Call	The phone number used in Japan can also be used for making and receiving domestic calls in the country of stay and making international calls to Japan or other countries.
Video Call	Video call is available with subscribers of overseas specific 3G mobile operators or FOMA users in Japan.

Available Communication Services by Network

Network	Data Communications	Making/Receiving a Call	
		Voice Call	Video Call
W-CDMA	○	○	○
GSM	①	○	✕*
GPRS	②	○	✕*

○ : Available

✕ : Not available

① : Separate settings are required for data communications. For settings, visit DoCoMo's Web site. (Checking the specifications)

② : Available only for data communication using packets.

* : When a video call arrives, no arrival call acts are performed.

■ Overseas Networks

Network	Description
W-CDMA	W-CDMA is a 3rd generation mobile communication network complying with 3GPP[1] global standards.
GSM[2]	GSM is the second generation mobile communication network in digital communication system that is most widely used around the world.
GPRS[3]	GPRS is the 2.5 generation mobile communication system that enables high-speed packet communication using GSM.

[1]: Abbreviation for 3rd Generation Partnership Project. This is a regional standards organization for developing common technological specifications for the 3rd generation mobile communication system (IMT-2000).

[2]: Abbreviation for Global System for Mobile Communications. GSM is one of the standards for mobile phones unified in Europe.

[3]: Abbreviation for General Packet Radio Service. GPRS is a packet communication service with the maximum communication speed of 115Kbps and is widely used mainly in Europe and other places.

Before Using in Overseas

STEP1 : **Before Leaving Japan**

STEP2 : **While Overseas**

STEP3 : **After Coming Back to Japan**

Before Leaving Japan

■ Subscription

A subscription to WORLD WING (P78) is required.

• A UIM (green) made available for WORLD WING must be inserted in the FOMA terminal.

■ Communication Services in the Country/Region of Stay

For countries or regions where WORLD WING is available, service interruption information, or other cautions, refer to DoCoMo's international service Web site. →P78

■ Power Source and Voltage in the Country or Region of Stay

Countries and regions may have different power sources, voltages or power outlet shapes. Check these in the instruction manual for your PC or Web sites of the PC manufacturer in advance.

■ Network Services

You can activate or deactivate the subscribed network services from overseas. The following network services can be accessed:

• Caller ID Notification Service[1] [2]
• Voice Mail Service[3]
• Call Forwarding Service[3]
• Caller ID Display Request Service[1]
• Call Waiting Service
• English Guidance Service[1]
• Nuisance Call Barring Service[1]
• Roaming Settings (Roaming Guidance)[1]
• Roaming Settings (Restriction on Incoming while Roaming)

[1]: May not be activated in some service areas.

[2]: Caller ID may not be sent correctly or not be sent at all.

[3]: When operating overseas, you need to set the remote control service (P70) in Japan before you leave.

■ Internet Access

For overseas access point or settings to use the Internet overseas, contact your Internet service provider.

• If you subscribe to mopera U, visit the mopera U Web site. →P78

■ Convenient Functions

Function	Description
Call Barring-Roaming	A voice prompt is played indicating that you are overseas. →P69
Roaming Guidance	Incoming calls (video calls/all incoming) are rejected during international roaming. →P70

Booklet	Description
国際サービスご利用ガイド (International Service Guide)	This booklet provides details of international roaming service such as descriptions of services, usage fees and cautions.
ネットワークサービス操作ガイド (Network Service Operation Guide)	This booklet provides details of network services, settings and cautions.

Note

Network Service Settings

- Some network services may not be available depending on the overseas carriers. For details, refer to "国際サービスご利用ガイド (International Service Guide)" and "ネットワークサービス操作ガイド (Network Service Operation Guide)".
- Be sure that you know your network security code. The code may be required for remote operation of the Voice Mail service.

While Overseas

■ **Switching Networks**

Searching for and connecting to an access point are performed automatically by default. No special settings are required.

■ **Main Screen Display Area**

The name of the connected carrier can be viewed in the display area of the Main screen.

Note

- You can manually switch networks if you want to connect to a particular network. See "Switching Networks Manually" (P62).

Overseas Call and Communication Charges

The major differences with domestic charges are as follows:

■ **You are charged to receive incoming calls**

When you receive an incoming call, international forwarding charges apply. In some countries or regions, additional receiving charges may apply.

■ **You may be charged even if a connection cannot be established**

Depending on your location and selected carrier, you may be charged for calls or communications even if the connection cannot be established due to communication conditions.

■ **You are charged for "toll free" calls**

Depending on your location and selected carrier, you may be charged domestic call fees for collect calls, toll free calls, credit calls or pre-paid card calls.

■ **A different charging scheme applies for packet communication**

A different packet charging scheme may be used, such as applying a minimum charge per access (depending on the carrier, 50 yen or more, or 100 yen or more).

■ **Charges for Overseas Usage**

Charges for overseas usage are added to the monthly usage fee. However, for the convenience of overseas carriers, usage fees may be added to the monthly bill in the following month or later. Also, charges for overseas usage may not be billed during the same month as the usage.

After Coming Back to Japan

After coming back to Japan, the FOMA network will be connected automatically.

■ **A connection cannot be established when appears or the antenna lamp (P17) lights red**

Check whether "通信方式選択 (Select Communication Method)" in "Switching Networks Manually" (P62) is set to "GSM 固定 (Static GSM)". This option should be set to "オート (Auto)".

Inquiries in Case of Trouble (Overseas)

Lost or Stolen Device

<DoCoMo Information Center> (Open 24 hours)

■ **Universal Number**

International Phone Code for a Universal Number (Table 1)
－800－0120－0151

* Domestic phone call charges for the country of usage may apply.

■ If the above Universal Number is not Available

International Access Code for the Country of Usage (Table 2)

－81－3－5366－3114

* International phone call charges to Japan apply.

Even if your FOMA terminal or UIM is lost or stolen, you will be charged for any subsequent communication charges. If your FOMA terminal is lost or stolen, report it immediately and cancel the subscription.

Note

• Set the UIM to require PIN1 code entry (→P63) for power up. Without entering the 4 - 8 digit security code when the terminal power is turned on, the FOMA terminal cannot be used. This prevents unauthorized use if the UIM is lost or stolen.

In Case of Hardware Failure

<Network Technical Operation Center>
(Open 24 hours)

■ Universal Number

International Phone Code for a Universal Number (Table 1)

－800－5931－8600

* Domestic phone call charges for the country of usage may apply.

■ If the above Universal Number is not Available

International Access Code for the Country of Usage (Table 2)

－81－3－6718－1414

* International phone call charges to Japan may apply.

■ International Phone Codes for Universal Number (Table 1)

Area	Code	Area	Code
Argentina	00	Luxemburg	00
Australia	0011	Malaysia	00
Austria	00	Netherlands	00
Belgium	00	New Zealand	00
Brazil	0021	Norway	00
Canada	011	Philippines	00
China	00	Singapore	001
Colombia	009	South Korea	001
Denmark	00	Spain	00
Finland	990	Sweden	00
France	00	Switzerland	00
Germany	00	Taiwan	00
Hong Kong	001	Thailand	001
Ireland	00	U.K.	00
Israel	014	U.S.A.	011
Italy	00		

* The numbers may change.
* For codes of other countries or details, visit DoCoMo's international service Web site. →P78

■ International Access Codes for Major Countries (Table 2)

Area	Code	Area	Code
Australia	0011	Malaysia	00
Belgium	00	Monaco	00
Brazil	0041	Netherlands	00
	0021	New Zealand	00
	0023	Norway	00
Canada	011	Philippines	00
China	00	Poland	00
Czech	00	Portugal	00
Denmark	00	Russia	810
Finland	00	Singapore	001
	990	South Korea	001
France	00	Spain	00
Germany	00	Sweden	00
Greece	00	Switzerland	00
Hong Kong	001	Taiwan	002
Hungary	00	Thailand	001
India	00	Turkey	00
Indonesia	001	U.A.E.	00
Ireland	00	U.K.	00
Italy	00	U.S.A.	011
Luxemburg	00	Vietnam	00
Macao	00		

* The numbers may change.
* For codes of other countries or details, visit DoCoMo's international service Web site. →P78

Making a Call in Overseas

You can make a call from a country or region other than Japan using the FOMA terminal.

- If the other party uses a carrier compatible with a FOMA video call and uses a device that supports video calls, a video call can be made using "ドコモテレビ電話ソフト 2005 (DoCoMo Video Call Software 2005)" contained in the included CD-ROM.

Making a Call from the Country of Stay to Japan

1 Click **0** for 1+ seconds to display "+"▶ **8 1** (country code of Japan) ▶The other party's phone number excluding any leading "0 (zero)" from the regional number (area code) ▶ 📞

<Example : Making a Call to a Ward in Tokyo (Area Code of 03)>
Click **0** for 1+ second ▶ **8 1** ▶ **3** ▶ XXXX-XXXX ▶ 📞

> **Note**
>
> - Exclude the leading "0" from a mobile phone or PHS number in Japan.

Making a Call to a WORLD WING/ WORLD WALKER subscriber from the Country of Stay

1 Click **0** for 1+ seconds to display "+" ▶ **8 1** (country code of Japan)▶a phone number excluding the leading "0" ▶ 📞

<Example: Making a Call to a Mobile Phone>
Click **0** for 1+ seconds to display "+" ▶ **8 1** ▶ **9 0** ▶ XXXX-XXXX ▶ 📞

Making a Call within the Country of Stay

1 Dial a phone number starting from the area code ▶ Click 📞

Making a Call to a Mobile or Landline Phone from the Country of Stay to Another Country (Other than Japan)

1 Click **0** for 1+ seconds to display "+" ▶ Country Code of the Other Party ▶The other party's phone number excluding any leading "0 (zero)" from the regional number (area code) or cell phone number ▶ 📞

■ **Country Codes of Major Countries**

Area	Code	Area	Code
Australia	61	Maldives	960
Austria	43	Netherlands	31
Belgium	32	New Caledonia	687
Brazil	55	New Zealand	64
Canada	1	Norway	47
China	86	Peru	51
Czech	420	Philippines	63
Egypt	20	Russia	7
Fiji	679	Singapore	65
Finland	358	South Korea	82
France	33	Spain	34
Germany	49	Sweden	46
Greece	30	Switzerland	41
Hong Kong	852	Tahiti	689
Hungary	36	Taiwan	886
India	91	Thailand	66
Indonesia	62	Turkey	90
Italy	39	U.K.	44
Japan	81	U.S.A.	1
Macao	853	Vietnam	84
Malaysia	60		

* The numbers may change.
* For codes of other countries or details, visit DoCoMo's international service Web site.

Receiving a Call in Overseas

❚ Click 📷 when a Call Arrives

Having Someone Call You in the Country of Stay

From Japan

Entering your phone number in the same way as you were in Japan allows a caller in Japan to call you overseas.

**❚ 090 ▶xxxxx-xxxxx/
080 ▶xxxxx-xxxxx▶Call**

From a Country Other than Japan

❚ International Access Code of the country of origin ▶81 (country code of Japan) ▶a phone number excluding the leading "0" ▶Call

Note

- For International Access Codes, see "International Access Codes for Major Countries (Table 2)". →81

Troubleshooting When Calls Are Not Connected

Cannot make/receive calls/Always out of service area/Cannot turn the power on

If you cannot make or receive calls, the signal reception level stays as out of service area or you cannot turn your FOMA terminal on, the following can be causes:

- Signal reception is weak or you are out of the service area
- Local switching system or base station fails, or temporarily heavy traffic
- Mistakes occur during an operation of the FOMA HIGH-SPEED terminal.
- Other

**For the latest information on coverage areas or out of service areas, visit DoCoMo's international service Web site. →P78
Try the following after checking the operation:**

- If you are indoors, try again outdoors.
- Check whether your monthly usage amount exceeds your set limit.
- Turn the power off and turned on again.
- Switching networks manually. →P62

Contact the Network Technical Operation Center (P81) if the problem persists.

Usage Amount Limit

- There is a limit of monthly usage for WORLD WING. When the usage limit is reached, WORLD WING becomes unavailable for the rest of month.
- Please note that the amount displayed on your PC is the amount of your accumulated monthly usage before communications allowances are applied.
- The usage limit includes call and communication charges and receiving charges used with international roaming, digital communication charges such as for video calls, receiving charges and packet communication charges. However, because the usage limit does not include international forwarding charges and usage fees which have not yet been billed by overseas carriers to us, the final bill may exceed the usage limit. Even in this case, please pay the all the monthly charges for services used before the service limit was encountered.
- After the payment of monthly charges has been confirmed, WORLD WING again becomes available (it may take time to resume the service after the payment). You can pay with a credit card (one time charge only) while overseas.
- For details, contact the "DoCoMo Information Center" on the back of this manual.

Overseas Use　Receiving a Call in Overseas

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Searching for Available Networks Overseas

Switching Carriers Manually

The FOMA terminal is set to automatically find and switch to an available network in the country of stay by default. However, if you have a preferred network in the area or a network cannot be found automatically, you can switch to a network manually.
For details, see "Switching Networks Manually" (P62).

Rejecting Incoming while Roaming

You can set to reject incoming voice calls or video calls during international roaming.
For detailed steps, see "Setting Restrictions on Incoming Calls while Roaming" (P69).

Enabling Voice Prompts while Roaming

You can set to play a voice prompt indicating that you are overseas.
For detailed steps, see "Setting Roaming Guidance" (P70).

Using Network Services while Roaming

You can operate your subscribed Network Services from your overseas location. To activate services while overseas, you need to enable the remote control service in Japan before you leave.
For detailed steps on how to operate the remote control service, see "Setting Remote Control" (P70).
* To activate the Voice Mail or Call Forwarding Service from overseas, dial the service directly. For detailed steps, refer to the "Network Service Operation Guide".

Overseas Use Available Networks/Roaming

Appendix

Combinations of Multiaccess Operations

(Checking the specifications)

Current Status	Newly Started Communication			
	Voice Call		Video Call	
	Outgoing	Incoming	Outgoing	Incoming
During a Voice Call	✕	△*	✕	✕
During a Video Call	✕	✕	✕	✕
During Packet Communication	○	○	✕	✕
During 64K Data Communication	✕	✕	✕	✕

Current Status	Newly Started Communication			
	Packet Communication		64K Data Communication	
	Outgoing	Incoming	Outgoing	Incoming
During a Voice Call	○	✕	✕	✕
During a Video Call	✕	✕	✕	✕
During Packet Communication	✕	✕	✕	✕
During 64K Data Communication	✕	✕	✕	✕

○ : Available
△ : Available in Some Cases
✕ : Not Available
* : Available if you subscribe to "Call Waiting" and place the active voice call on hold
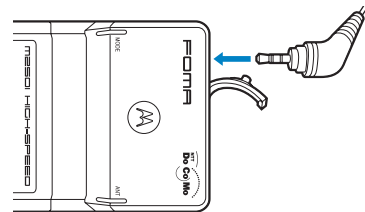
Using an Earphone Microphone with Switch

By connecting an earphone microphone with switch P001/002 (optional) or a stereo earphone set P001 (optional) to an earphone microphone jack, you can answer or make calls by simply pressing the switch.

Making Calls with the Switch

(Checking the specifications)
You can dial the phone number listed Xth from the top of the Phonebook Screen on the M2501 HIGH-SPEED Utility (P59) simply by pressing the switch of the earphone microphone with switch.

1 Connect an earphone microphone with switch

- Open the cover of the earphone microphone jack and insert the plug of the earphone microphone with switch.

2 Press the switch of the earphone microphone with switch for 1+ seconds

3 Press the switch of the earphone microphone with switch for 1+ seconds to end the call

Answering a Call with the Switch

(Checking the specifications)

1 Press the switch of the earphone microphone with switch for 1+ seconds when a call arrives

2 Press the switch of the earphone microphone with switch for 1+ seconds to end the call

Optional and Related Devices

Combining the FOMA HIGH-SPEED terminal with optional devices supports a wide variety uses. Some products are not available depending on the region. For details, contact a DoCoMo sales office. For details about the optional devices, refer to the instruction manuals for respective devices.

- Earphone Microphone with Switch P001/P002
- Stereo Earphone Set P001

Troubleshooting

■ The FOMA terminal Is not Recognized

Symptom	Check
FOMA HIGH-SPEED terminal is not recognized	Re-insert the FOMA terminal all the way into the slot securely. →P21
	Verify that the driver for the FOMA terminal is functioning properly. →P24
	Some energy saving PCs turn the power off to a PC terminal (FOMA terminal). Read the instruction manual of the PC and check the power source status.

■ Communication Problems

Symptom	Check
Communications are not possible	Verify that signals are received in the service area. →P17, P54
	Check the communication settings of the PC. →P32
	Verify that the access point and your PC use the same communication method. →P32
	If "デュアルネットワーク (Dual Network)" is set to mova, switch it to FOMA. →P68
Cannot connect to the Internet	Verify the connection settings to your Internet provider. →P36
Connection is frequently terminated	Traffic may be heavy at the access point. Try connecting again later.
	If you are in a weak signal reception area, move to a location where the signal strength is displayed as 📶.

■ Problems with AT Commands

Symptom	Check
"ERROR" appears when a command is entered	Verify that the number of characters in the command is within XXX.
	Verify that you entered a correct command.
	Check the properties of the terminal software to see whether a device other than FOMA terminal is selected.
"OK" does not appear after AT command is entered	Check the communication settings of the PC. →P32
	Verify that the commands start with "AT" or "at" and that upper and lower case characters are not mixed.

■ Other Problems

Symptom	Check
Status lamp does not light	Check the LED on/off setting. →P64

Error Messages

アプリケーションが起動できません。**(Application cannot launch.)**

The M2501 HIGH-SPEED Utility is corrupted or deleted. Reinstall the software and try again.

インストールプログラムにはディレクトリにアクセスする権限がありません。インストールを継続できません。管理者としてログインするか、またはシステム管理者にお問い合わせください。**(The installation program does not have privilege to access the directory. Installation cannot continue. Log in as an administrator, or contact the system administrator.)**

A user without Windows Administrator privileges cannot install the software.

操作できませんでした。**(Operation was not possible.)**

• You cannot perform the operation while out of the service area or where no signals are received. Move to a location where 📶 is displayed and try again.
• Network Service settings could not be configured due to a network error.

操作内容を確認してください。**(Check the operation.)**

Incorrect Network Service Settings were sent. Try sending the correct settings again. →P65

他のユーザが既に起動しています。ユーティリティは起動できませんでした。**(Another user is already running the utility. The utility cannot be launched.)**

The M2501 HIGH-SPEED Utility is already running. Exit the application and try again.

着信中のため操作できませんでした。**(Operation cannot be performed due to an incoming call.)**

PIN1 code could not be authenticated/changed/unlocked due to an incoming call.

着発信中または通話中のため終了できません。**(Cannot exit because outgoing/incoming or during a call.)**

Because of an incoming/outgoing or during a call, the M2501 HIGH-SPEED Utility cannot be exited. Terminate the incoming/outgoing call and try again.

通信方式の設定ができませんでした。**(Communication method could not be set.)**

A network communication method failed to switch due to an error.

データ編集中のため終了できません。**(Cannot exit because data is being edited.)**

The M2501 HIGH-SPEED Utility cannot exit because an Answered Calls/Redial/Contacts screen is open. Close the Answered Calls/Redial/Contacts screen and try again.

登録できませんでした。**(Could not save.)**

An entry could not be saved due to an error.

ネットワーク暗証番号が正しく入力されていません。**(The entered Network Security Code is not correct.)**

An incorrect Network Security Code was entered. Enter the correct Network Security Code.

ネットワーク暗証番号がロックされています。**(The Network Security Code is locked.)**

If an incorrect Network Security Code is entered three times in a row, the code is locked. Contact a DoCoMo shop.

ネットワーク登録ができません。通信設定を行ってください。**(The network cannot be registered. Configure communication settings.)**

The designated network does not serve your current location. Perform network settings (P62).

ネットワーク認証番号が誤っています。**(Wrong network authentication code.)**

An incorrect Network Security Code was entered. Enter the correct Network Security Code.

ネットワークの設定ができませんでした。**(Network could not be set.)**

A network could not be set due to signal or network status.

発信できません。電波がある場所に移動してください。**(Call failed. Move to a location where there is stronger signal reception.)**

You cannot make calls due to out of service area or in no signal reception area. Move to a location where 📶 is displayed and try again.

発着信規制中です。しばらくお待ち下さい。**(Call barred. Please wait.)**

Outgoing/incoming calls are barred on the network. Try again later.

ユーティリティが起動中です。アンインストールはできませんでした。**(The utility software is running. Uninstall failed.)**

The M2501 HIGH-SPEED Utility could not be uninstalled because it was running. Exit the application and try again.

CSVファイルではありません。読み込みできませんでした。**(Not CSV file format. Could not be read.)**

The file could not be read because it is not in the CSV (.csv) format. Verify the file format and try again.

DTMF音送出に失敗しました。
(DTMF sound sending failed.)

DTMF (push signal) sound failed to be sent.

FOMAカードの読み出しができませんでした。**(The UIM could not be read.)**

The own number could not be read from the UIM and displayed due to an error.

M2501からの応答がありません。ユーティリティはオフライン状態になります。**(The M2501 does not respond. The utility will become off-line.)**

- Verify that the FOMA terminal is functioning (P17 and P54).
- Another application is using the COM port that is used by the FOMA terminal for communication. Exit the application and try again.

M2501の設定に失敗しました。以下の設定ができませんでした。（失敗した設定名を表示）**(Failed to configure M2501. The following settings could not be configured. (Failed settings))**

The configured settings could not be applied due to an error.

PINロック解除コードが正しく入力されていません。有効桁数は8桁です。**(The entered PUK code is not correct. The code should be 8 digits long.)**

An incorrect PUK code has been entered. Enter the correct PUK code.

PINロック解除コードの照合ができませんでした。**(PUK code verification failed.)**

The PUK code could not be verified due to an error.

PINロック解除コードは完全にロックされています。使用できる機能が制限されます。**(The PUK code is permanently blocked. Available functions will be limited.)**

An incorrect PUK code has been entered ten times, the PUK code is locked. Contact a DoCoMo shop.

PIN1コードが正しく入力されていません。有効桁数は4～8桁です。**(The entered PIN1 Code is not correct. The code should be 4 to 8 digits long.)**

An incorrect PIN1 code has been entered. Enter the correct PIN1 code.

PIN1コードが間違っています。**(PIN1 code is incorrect.)**

An incorrect PIN1 code has been entered. Enter the correct PIN1 code.

PIN1コードがロックされました。使用できる機能が制限されます。**(PIN1 code has been locked. Available functions will be limited.)**

A PIN1 code was incorrectly entered three times in a row. Available functions will be limited. Enter a PUK code to cancel the PIN block. →P63

PIN1コード照合ができませんでした。**(PIN1 code could not be verified.)**

The PIN1 code could not be verified due to an error.

PIN1照合をキャンセルしました。使用できる機能が制限されます。**(PIN1 verification was canceled. Available functions will be limited.)**

When the M2501 HIGH-SPEED Utility is launched, the PIN1 code verification was canceled. Available functions will be limited.

PIN1ロック解除コードが間違っています。**(PIN1 PUK code is not correct.)**

An incorrect PUK code has been entered. Enter the correct PUK code.

PIN1ロック解除コード照合がキャンセルされました。使用できる機能は制限されます。**(PIN1 PUK code verification was canceled. Available functions will be limited.)**

When the M2501 HIGH-SPEED Utility is launched, the PUK code verification was canceled. Available functions will be limited.

vCardファイルではありません。読み込みできませんでした。**(Not vCard file format. Could not be read.)**

The file could not be read because it is not in the vCard (.vcf) format. Verify the file format and try again.

2つの新しいPIN1コードが一致していません。**(Two new PIN1 codes do not match.)**

The new PIN1 code and the entered PIN1 code for confirmation do not match. Enter the correct new PIN1 code.

Glossary

■ A

Access Point

A link-up point to be connected to the Internet. A PC can be connected to the Internet via an access point using a telephone connection.

Administrator Privileges

Access rights that allow access to all functions on a Windows XP or Windows 2000 system. A user without administrator privileges cannot install or uninstall a driver or the FOMA PC Configuration Software.

APN

Stands for Access Point Name. Identifies the network to log into (such as an ISP) for packet communication. For example, Internet connection service for FOMA, "mopera U", is indicated as "mopera.net" for the APN.

■ B

bps

Stands for bit per second, and is a unit to indicate the data communication speed. It expresses the number of bits (amount of data) that can be sent in one second.

■ C

cid

Stands for Context Identifier, and is a registration number when saving an APN of packet communications to the FOMA terminal. The FOMA terminal can contain up to XX APNs using X - X cid.

CSV

Stands for Comma Separated Values, and is a file format that data is separated with a comma (,). Can be edited using a text editor.

■ D

Dial-up

Connecting to a network via a telephone connection.

DNS

Stands for Domain Name System. The database system that translates a domain name address into a numerical IP address for PCs.

■ I

ID

A number to manage user information. Your ID is issued when you register as a new user.

Install

Copying external data contained in a CD, etc. onto a PC so that the data can be utilized.

IP

Stands for Internet Protocol, communication rules used over the Internet as standards.

IP address

A numerical value that identifies a device connected to the Internet. Normally, it is expressed as four 3-digit numbers (0 - 255) separated with a period as "XXX.XXX.XXX.XXX", and is assigned to every device connected to the Internet.

ISDN

Stands for Integrated Services Digital Network, and is a comprehensive digital communication network. Enables faster communication speed than an analog telephone line.

ISP (Internet Service Provider)

An operator that provides a connection to the Internet. Generally, in order to use the Internet, you need to subscribe to an ISP.

■ M

Modem

A device that allows a PC to communicate via a telephone connection.

■ P

Port

An auxiliary address added under an IP address in order to connect multiple parties concurrently over the Internet. A port is identified with a numeric value from 0 to 65535 which is called the Port Number.

Properties

"Attributes" or "configurations" of Windows files or icons. Right-click an icon to see or change its properties.

Protocol

Communication rules used by devices to exchange data.

■ Q

QoS

Stands for Quality of Service, and is a measure of the quality of the service of a network. You can specify conditions of data communication speed in the FOMA terminal QoS configurations (actual communication speed varies depending on the communication conditions). →P49

■ V

vCard

A special format for exchanging business card data. Many e-mail programs support this format.

■ W

W-CDMA

3rd generation mobile communication system (IMT-2000) that is certified as one of the global standards. It employs wide-band code division multiple access, and is one of the multiple access systems for wireless communications.
The FOMA terminal complies with W-CDMA standards.

W-TCP

FOMA TCP parameter used to get the full utilization of the TCP/IP transmission capability for packet communications over a network. TCP parameter must be optimized to get the most out of the communication capability of the FOMA terminal.

Warranty and After-Sales Service

Warranty

- A written warranty is provided with every FOMA terminal. Make sure that you receive it. Store the warranty in a safe place after you have read it and verified that it contains the "shop name/date" you purchased the product. If the written warranty does not contain the necessary information, contact the shop where you purchased the product. The warranty is valid for a period of one year from the date of purchase.
- This product and all accessories are subject to change, in part or whole, for the sake of improvement without prior notice.

After-Sales Service

If Problems Occur

Before requesting service, read the "Troubleshooting" section in this manual. If the problem still persists, contact one of the numbers listed in "Repairs" on the back of this manual.

If the result of inquiries indicates that a repair is required

Take your FOMA terminal to a service center designated by DoCoMo.
Be sure to check the operating hours of the service center. You must present the warranty.

■ **In the warranty period**
- The FOMA terminal will be repaired at no charge subject to the conditions of the warranty.
- The warranty must be presented to receive warranty service.
  The subscriber will be charged for the repair of items not covered in the warranty or repairs of defects resulting from misuse, accident or neglect even during the warranty period.
- The subscriber is charged even during the warranty period for the repair of failures caused by the use of devices or consumable items that are not DoCoMo-specified.

■ **Repairs may not be possible in the following cases**
- Repair is not possible when corrosion due exposure to moisture, condensation or perspiration is detected in a moisture seal reaction or test, or if any of the internal boards are damaged or deformed. Since these conditions are outside the scope of the warranty, any repairs, if at all possible, will be charged.

■ **After expiration of the warranty**
- All repairs that are requested are charged.

■ **Replacement parts**
- Replacement parts (parts required to maintain production function) will be kept in stock for at least six years after termination of production. The product can be repaired during this period.
  Depending on the nature of the required repairs, it may still be possible to repair your terminal even after this period, so please contact one of the numbers listed in "Contacts" on the back of this manual.

Notes

- Do not modify the FOMA terminal, the UIM or its accessories.
  - Fire, injury or damage may result.
  - In order to prevent interference of radio waves or network breakdown, the FOMA terminal and the FOMA card are manufactured according to technical standards stipulated by law. Do not use the FOMA terminals or the UIM that do not meet these standards.
  - If the FOMA terminal is modified (part replacement, modification, painting, etc.), it will be repaired only after the modified parts have been restored to the condition at the time of purchase. However, repair may be refused depending on the nature of modification.
  - Repair of failures or damage caused by modification are charged even during the warranty period.
- Do not remove any inscription stickers attached to the FOMA terminal. The inscription stickers certify that the FOMA terminal satisfies specific technical standards. If stickers are removed intentionally or are reattached in such a way that confirmation of the sticker's contents is impossible, repair or servicing may be refused because confirmation of whether or not the device conforms to relevant technical standards cannot be made.
- The ON/OFF function settings and stored data may be cleared (reset) by failure, repair or handling processes. Should this happen, configure the functions again.
- If the device has become wet or moist, bring it to a DoCoMo repair shop promptly. Depending on the conditions of the device, repair may not be possible.

Contacts and Downloaded Data

- Maintain a separate record of the data you save in your PC. DoCoMo is not responsible for the alteration or loss of data.

Specific Absorption Rate of Mobile Phones

Specific Absorption Rate (SAR) of Mobile Phones

The FOMA M2501 HIGH-SPEED meets the government's requirements for exposure to radio waves. These requirements are based on scientific basis to assure that radio waves emitted from mobile phones and other handheld wireless devices do not affect human health. They require that the Specific Absorption Rate (SAR), which is the unit of measurement for the amount of radio frequency radiation absorbed by the body, shall not exceed 2W/kg*. This limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age or health, and meets the international standard set by International Commission on Non-Ionizing Radiation Protection (ICNIRP) in cooperation with World Health Organization (WHO). All phone models should be confirmed to comply with the regulation before they are available for sale to the public. The highest SAR value for the FOMA M2501 HIGH-SPEED is X.XXXW/kg. It was taken by the Telecom Engineering Center, a Registered Certification Agency on the Radio Law. The test for SAR was conducted in accordance with the MIC testing procedure using standard operating position with the phone transmitting at its highest permitted power level in all tested frequency bands. While there may be differences between the SAR levels of various phones and at various positions, they all meet the MIC's technical regulation. Although the SAR is determined at the highest certified power level, the actual SAR of the phone during operation can be well below the maximum value.

For further information about SAR, please see the following Web sites:

Ministry of Internal Affairs and Communications Web Site
http://www.tele.soumu.go.jp/j/ele/index.htm

Association of Radio Industries and Businesses Web Site
http://www.arib-emf.org/index.html

DoCoMo Web Site
http://www.nttdocomo.co.jp/product/

Motorola Web Site
http://www.motorola.com/rfhealth

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

Radio Frequency (RF) Signals

THIS MODEL PHONE MEETS THE U.S.GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone contains a radio transmitter and receiver. Your phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg.* Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the U.S. government-adopted requirement for safe exposure.

The tests are performed on position and locations (for example, at the ear and worn on the body) as required by FCC for each model. The highest SAR value for this model phone as reported to the FCC ●●when worn on the body, is ●●●0.49 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the U.S. government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section at http://www.fcc.gov/oet/fccid after search on FCC ID IHDT6FL1●●●●●●●●. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

∗ In the United States, the SAR limit for wireless mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. SAR values may vary depending upon national reporting requirements and the network band.

Declaration of Conformity

The product "FOMA M2501 HIGH-SPEED" is declared to conform with the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1(a), 3.1(b) and 3.2.
The Declaration of Conformity can be found on www.motolora.com

This mobile phone complies with the EU requirements for exposure to radio waves. Your mobile phone is a radio transceiver, designed and manufactured not to exceed the SAR* limits** for exposure to radio-frequency (RF) energy, which SAR* value, when tested for compliance against the standard was 1.0W/kg. While there may be differences between the SAR* levels of various phones and at various positions, they all meet*** the EU requirements for RF exposure.

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

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

∗∗∗ Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

Important Safety Information

AIRCRAFT
Switch off your wireless device when boarding an aircraft or whenever you are instructed to do so by airline staff. If your device offers a 'flight mode' or similar feature consult airline staff as to whether it can be used on board.

DRIVING
Full attention should be given to driving at all times and local laws and regulations restricting the use of wireless devices while driving must be observed.

HOSPITALS
Mobile phones should be switched off wherever you are requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

PETROL STATIONS
Obey all posted signs with respect to the use of wireless devices or other radio equipment in locations with flammable material and chemicals. Switch off your wireless device whenever you are instructed to do so by authorized staff.

INTERFERENCE
Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers
Pacemaker manufacturers recommend that a minimum separation of 15cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids
Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

For other Medical Devices:

Please consult your physician and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

Export/Re-export regulations of Japan and USA

The export and re-export regulations of Japan and United States apply to this product and its accessories. Exports (and re-exports) contrary to those laws and regulations, including but not limited to exports and re-exports to sanctioned countries and to restricted end uses or end users is prohibited. A user must apply for approvals or permissions for export (or re-export) to the restricted countries at the user's expense and responsibility in accordance with such regulations. For further information, contact Japanese Ministry of Economy, Trade, and Industry or the U.S. Department of Commerce.

Export Controls of the Product and Accessories

(Checking the specifications)
This product and its accessories fall under the category of application of Japan Export Control Regulations (Foreign Exchange and Foreign Trade Law and relevant laws and regulations) and object cargo for export control stipulated in U.S. Export Control Regulations (Export Administration Regulations: EAR).
Export or re-export that violates the above-mentioned regulations, such as export or re-export to the countries or end-users to which export or re-export is prohibited, or export or re-export for the prohibited end-use purpose, are prohibited. If you wish to bring the product into a country to which export is prohibited, please follow procedures including obtaining the export permits based on the regulations at your own risk and expense. For details, contact the Ministry of Economy, Trade and Industry or the U.S. Department of Commerce.

Main Specifications

■ **Operation System**
 Windows 2000 Professional Japanese version, Service Pack 4 or later
 Windows XP Home Edition Japanese version, Service Pack 1 or later
 Windows XP Professional Japanese version, Service Pack 1 or later

■ **Supported Network**
 W-CDMA(800/2100MHz),
 GSM/GPRS(900/1800/1900MHz)

■ **Communication Speed**
 Packet Communications
  : Maximum Receiving 3.6Mbps (best effort)
    Maximum Sending 384Kbps (best effort)
 64K Data Communications
  : Sending/Receiving 64Kbps
 Video Call
  : Receiving/Sending 64Kbps

■ **Operating Environment**
 When Operating
  Temperature : 5 °C - 35 °C
  Humidity   : XX% - XX% (no condensation)

■ **Power Source**
 Supply Voltage
  DC5V±5% (supplied from the PC)
 Power Consumption
  Maximum Power during Communication
   : Approx. X.XW
  Average Power during Communication
   : Approx. X.XW
  Standby
   : Approx. X.XW
  *: Depending on the usage, power consumption
    fluctuates.

■ **PC Card Type**
 PCMCIA Type II

■ **Dimensions**
 Width : Approx. 130mm
 Height : Approx. 18mm (some sections approx. 5.2mm)
 Depth : Approx. 54mm

■ **Weight**
 Approx. 75g

Note

• The specifications and appearance are subject to change for the sake of improvement without prior notice.

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Don't forget your FOMA terminal ... or your manners!

When using the FOMA terminal, be considerate and do not disturb people around you.

In the following cases,
be certain to remove the FOMA terminal from the PC card slot.

■Where use is prohibited

Be sure to turn off your FOMA terminal in airplanes and in hospitals.

* Persons with electronic medical equipment are in places other than the actual wards.
Make sure you have the power switched off even if you are in a lobby or waiting room.

■When in crowded places such as packed trains, where you could be near a person with an implanted cardiac pacemaker or implanted defibrillator.

The implanted cardiac pacemaker or implanted defibrillator operation can be affected by radio emissions from the FOMA terminal.

In the following cases, be certain to set Public Mode.

■While driving

Using the FOMA terminal interferes with safe driving and could cause danger.

* Park the car in a safe place before using the FOMA terminal, or switch to Public Mode.

■When in theaters, movie theaters, museums, and similar venues

If you use your FOMA terminal where you are supposed to be quiet, you will disturb those around you.

Pay attention to your surroundings
and the loudness of your voice and ringer.

■Do not raise your voice when using the FOMA terminal in quiet places such as in restaurants or hotel lobbies.

■Use the terminal so as not to disturb pedestrian traffic.

These functions help you keep
from disturbing others in public places.

Handy functions are available silencing tones or for setting a silent response to incoming calls.

●**Public Mode (Power Off)**

A message is played to callers advising them that you are in a place where you cannot use your phone. Then the call is disconnected. →P76

●**Voice Mail Service, Call Forwarding Service, etc.**

You can use an optional service to record/forward a caller's message if the call is made when you cannot answer the phone. →P72, P73