Chapter 3

Connecting Communication Equipment

Connecting the Camera to Communication Equipment

This section explains how to connect the camera to communication equipment.
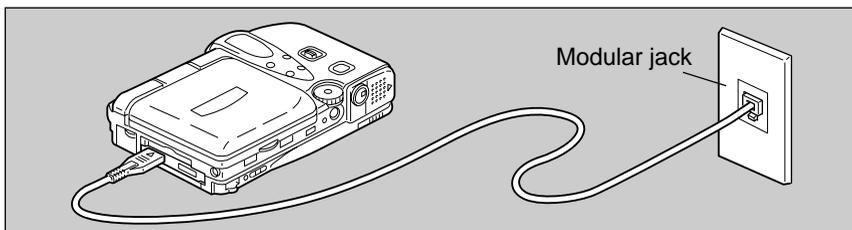
Connecting Methods

This section explains how to connect the camera to communication equipment.
Details of each method are explained below.

> **Important Note**
> • To be able to connect the camera to communication equipment, you
>   need to purchase a communication card from a computer dealer. For
>   details of our recommended communication cards, refer to the
>   separate list of Qualified Products. For the latest information, see the
>   Ricoh Web site (http://www.ricoh.co.jp/r_dc).
> • For details of the communication card, refer to the instruction manual
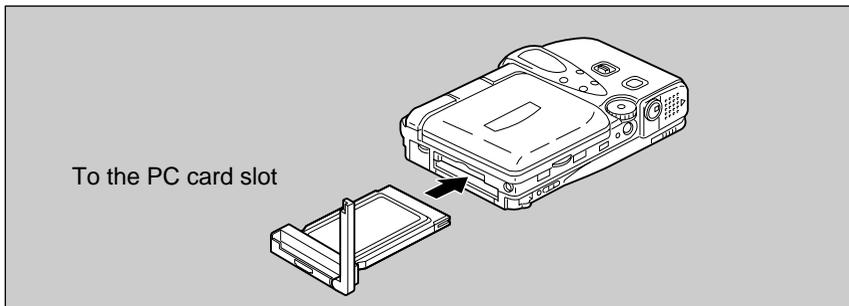>   supplied with the communication card.

■ Connecting the Camera to a Standard

This method is for connecting the camera to an ordinary analog telephone line.

Modular jack

■ Connecting the Camera to the Communication Card for
Mobile Phones

There is a card type communication card with built-in mobile phone. This type
can be attached directly to the PC card slot in the camera without needing a
cable.

To the PC card slot

Important Note • Use of the communication card of PC card type occupies the PC card slot. Images recorded on the PC card cannot therefore be uploaded. In this case, record the images onto the internal memory or a CF card.

Connecting the Camera to an Ordinary Telephone Line

This section explains how to connect the camera to a telephone line.

■ Requirements

- Communication card for connecting the camera to an ordinary telephone line (modem card)
- Connection cable

Important Note • Use of the communication card of PC card type occupies the PC card slot. Images recorded on the PC card cannot therefore be uploaded. In this case, record or copy the images onto the internal memory or a CF card.
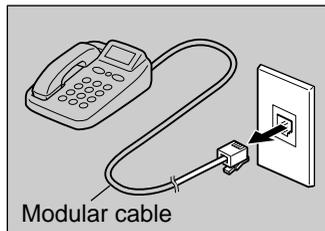
■ Connecting Operation

Important Note • Make sure that the camera is turned off before inserting the communication card in the camera. If the power is left on, it may result in failure of the communication card or malfunction of the camera.

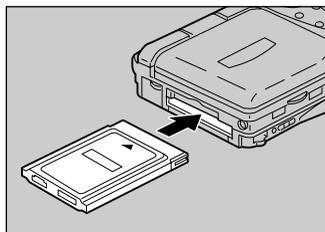**❶ Remove the telephone connection cable (modular cable) from the modular jack in the wall.**

> **Note** • If the connection jack for the telephone is not a modular jack, it will need to be converted to a modular jack. Contact your telephone company for further details.

Modular cable

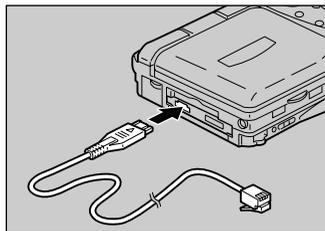**❷ Check that the camera is turned off.**

❸ Insert the communication card into the PC card slot in the camera.
Make sure that the communication card is face up and insert it firmly into the slot.

❹ Insert the connection cable in the communication card.

> **Note** • For details of connecting the connection cable to the communication card, refer to the instruction manual supplied with the communication card.
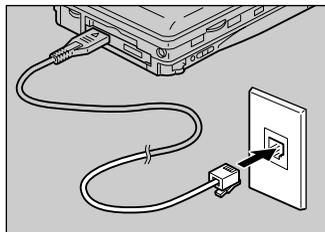

❺ Insert the connector on the other end of the cable into the modular jack.
Insert the cable fully into the jack until it clicks into position.

❻ Check the modem settings.
→ P.60 "Checking the Modem Settings"

Connecting operation is now completed.

> **Note** • When you have finished communicating, remove the camera connection cable from the modular jack and replace the telephone connection cable.

Removing the Communication Card

When you have finished communicating, remove the communication card from the camera.

Important Note
• Make sure that the camera is turned off before removing the communication card from the camera. If the power is left on, it may result in failure of the card or malfunction of the camera.

❶ Check that the camera power is turned off.

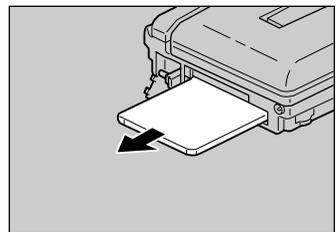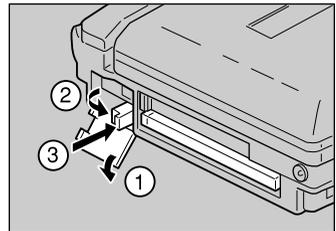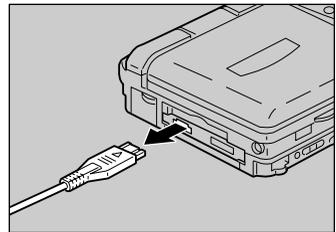**❷ Remove the connection cable from the communication card.**

Note
• For details of how to remove the cable, refer also to the instruction manual supplied with the communication card.

❸ Open the EJECT lever cover, erect the PC card EJECT lever and push it.
The communication card will be pushed out a little way.

❹ Remove the communication card from the PC card slot by pulling it straight out.

❺ Set the PC card EJECT lever to its original position and close the EJECT lever cover.

Important Note
• Do not remove the communication card from the camera during communication as this may result in failure of the card.

Note
• For removing a communication card for mobile phone, perform the above steps ❶,❸,❹ and ❺.

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Checking the Modem Settings

Normally, when you have connected the camera to the communication equipment, you can use the communication and Internet functions straightaway as the various items have already been set on the most commonly used settings at the time of shipping from the factory. However, depending on the type of communication card used, communication may not proceed smoothly with the settings as they are. You should therefore check the modem settings when inserting the communication card for the first time.

> (Important Note) • Provided that you do not change the type of communication card used, there is no need to check the settings each time you use the communication function.

■ **Modem Settings**

Check the following 4 items. If the communication and Internet functions do not operate smoothly, change the settings to suit the type of communication card used.

● **Slot**

Select the slot ([PCMCIA] or [CF]) to insert the communication card.
• PCMCIA : when the communication card is inserted in the PC card slot
• CF : when the communication card is inserted in the CF card slot

● **Card Type**

The type of communication card inserted (manufacturer and type) is displayed. If a communication card of a type not recommended by Ricoh is used, it will not work. Be sure to use the card recommended by Ricoh. → The separate list of Qualified Products.

● **ADD AT Command**

The AT command is for controlling the communication card from the camera. If you wish to add an AT command, select [ADD AT CMD]. Normally, it is not necessary to make such an addition.

> (Note) • For details of the AT command, refer to the instruction manual supplied with the communication card.

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● **Tone Confirmation**

When using the dial-up function, you need to set whether or not to wait for the dialing tone. Select ___ for either [AFTER TONE] or [WITHOUT TONE]. The factory default setting is [WITHOUT TONE].

If you are using an ordinary telephone line (analog line), select [AFTER TONE], and if you are using an ISDN or mobile phone, select [WITHOUT TONE].

• AFTER TONE: waits for the dial tone before dialing
• WITHOUT TONE: does not wait for the dial tone before dialing

〈Note〉 • The dial tone refers to the sound you hear when you lift the telephone receiver. The tone indicates that the telephone is working normally. When using the dial-up function, you can check that the modem is working normally by listening for the dial tone.

■ **Checking the Modem Settings**

This section explains the procedure for checking the modem settings.

❶ **Turn the camera on and set the mode dial to [SETUP].**

The Setup menu will be displayed.

❷ **Select [MODEM SETTING].**

The modem setting screen will be displayed.

❸ **Check the setting of each item.**

Change the setting if necessary.

〈See〉 • P.60 "Modem Settings"

❹ **If you wish to add an AT command, select [ADD AT CMD].**

Input the AT command on this screen and select [OK].

❺ **When you have finished checking the settings, select [OK].**
Checking of the settings is completed and the screen will return to the Setup menu.