

RICOH

RDC-i700 **IMAGE CAPTURING DEVICE**

Communication/Internet Operation Manual

To ensure correct use of your camera, read this manual carefully before use. Keep the manual handy for future use.



Introduction

Thank you for purchasing a Ricoh RDC-i700. This manual explains the correct handling procedures and precautions for your camera. To ensure the best performance, please read the manual thoroughly before using the camera. Keep the manual handy for quick future reference.

Ricoh Co., Ltd.

Test Shots

Check that your camera is recording the images correctly by taking a number of test shots.

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Warranty

This product is manufactured to local specifications and the warranty is valid within the country of purchase. Should the product fail or malfunction while you are abroad, the manufacturer assumes no responsibility for servicing the product locally or bearing the expenditure incurred therefor.

Radio Interference

Operating the RDC-i700 in the vicinity of other electronic equipment may adversely affect the performance of both devices. In particular, operating the camera close to a radio or television may lead to interference. If interference occurs, follow the procedures below.

- Move the camera as far away as possible from the TV, radio or other device
- Reorient the TV or radio antenna.
- Plug the devices into separate electrical outlets.

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How to Use the Operation Manuals

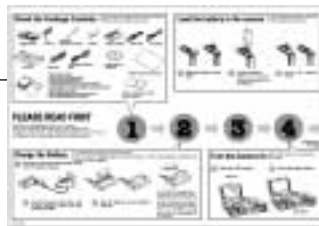
Five operation manuals are supplied with this camera.
Use each operation manual as shown below to suit the purpose.

Open the package



Read This Before Proceeding!

These instructions explain the procedure for checking the contents of the package and loading the battery to enable you to use the camera straightaway.



Basic operation

Camera Operation Manual

This manual explains in detail the preparations to take before using the camera together with the procedures for shooting and playback using the various functions.



Using the communication and Internet functions

Communication/Internet Operation Manual (this manual)

This manual explains the procedures for transmitting images and using Internet functions.



Sending and receiving data using the camera and a PC

Connecting to a Personal Computer Operation Manual

This manual explains the procedures for connecting the camera to a PC, transmitting images from the camera to the PC and operating the camera from the PC.



A useful guide for carrying around with you

Simple Operation Guide

This guide contains a simple explanation of the most frequently used procedures, including shooting, playback and transmitting.



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Functional Contents

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Connecting to a Personal Computer (a separate volume)

- Chapter 7, "Setting the Receiving PC for Direct Upload"
- * This section describes how to configure the receiving computer



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Camera Communication and Internet Functions

The camera's communication and Internet functions enable you to take advantage of the following useful functions.

Internet Function

● Sending Images by E-Mail

You can send and receive e-mail. This function is useful for sending images as an attachment.

→ P.72 "Sending an Image as an Attachment", → P.85 "Using E-Mail"

Note • You can send images by a simple few steps procedure using the quick send function. → P.67 "Sending an Image Using Quick Send"

● Uploading Images to a Homepage

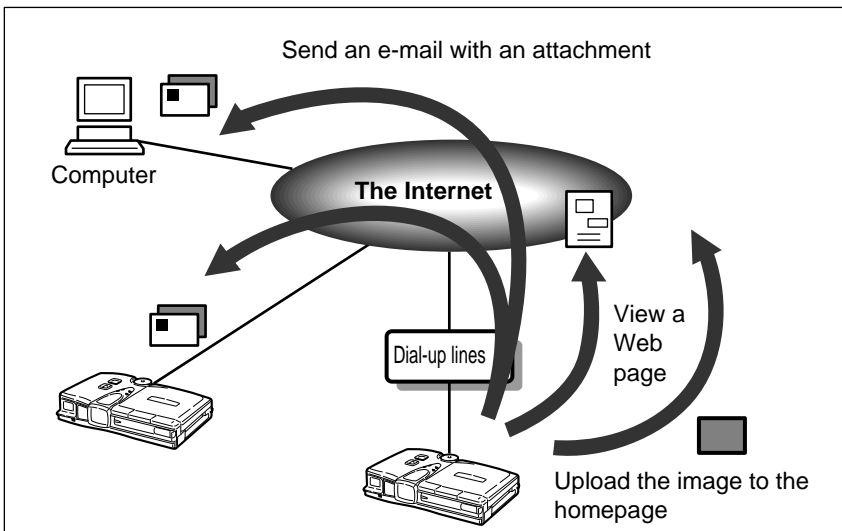
You can upload an HTML file to which an image has been embedded to a server where the Web page is saved. This function is useful, for example, when you want several people to see images.

→ P.110 "Uploading an HTML File"

● Viewing the Web Page

You can view a Web page on the Internet using the Web browser provided in the camera.

→ P.101 "Viewing the Web Page"



Other Communication Function

● Sending Images to a Computer

You can upload images recorded in the camera directly to a folder in the computer (server). You can use this function, for example, to send images which you have taken while being away from your office.

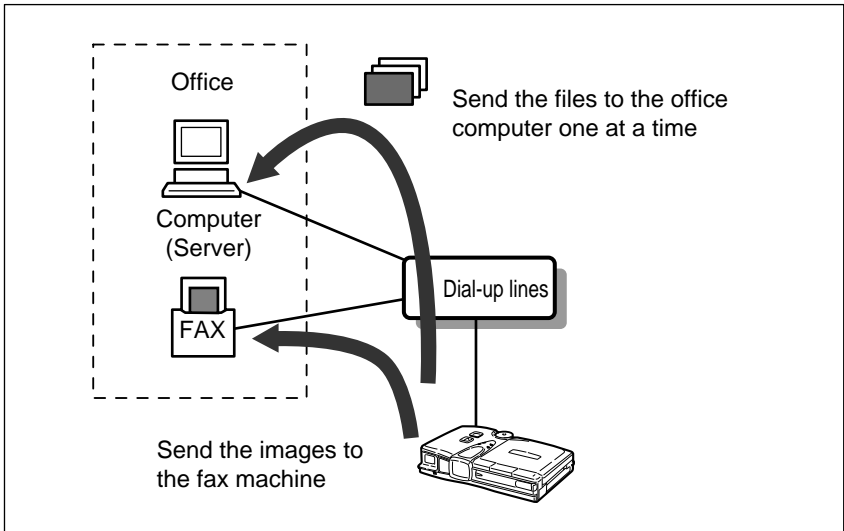
→ P.69 “Sending an Image Directly to a Computer”

→ P.95 “Using Direct Upload”

● Sending Images to a Fax

You can send images recorded in Text mode to a fax machine. This function is useful for sending images to someone who does not have access to e-mail.

→ P.77 “Sending an Image to a Fax”, → P.98 “Using Fax Upload”

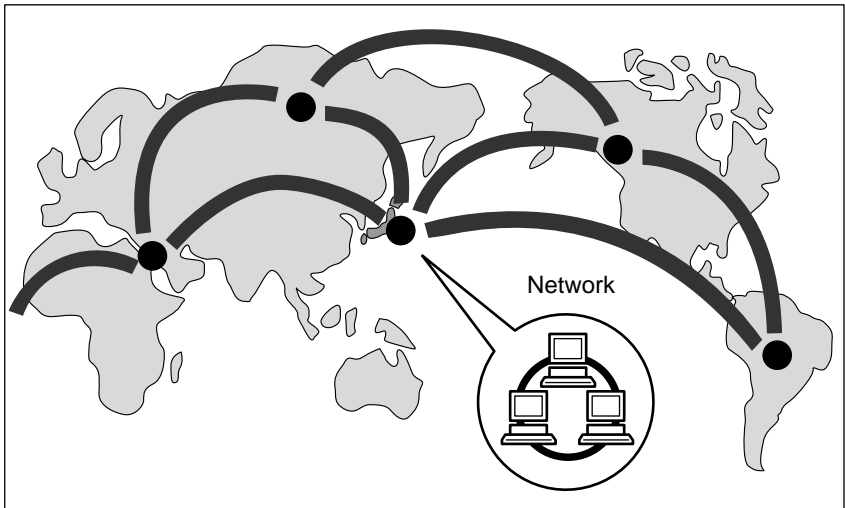


The Internet

This section explains how you can use the Internet and how the Internet works.

What is the Internet?

When a computer is connected to other computers, this is called a computer network. There are many such networks all over the world. These networks can be connected to each other by telephone line. The world's largest computer network connected in this way is the Internet.



Using the Internet with This Camera

● Obtaining Information from a Web Page

Numerous organizations, companies, individuals, etc. make a wide variety of information available on a Web page on the Internet. The Web page contains not only text information, but images, sound and motion pictures. By accessing the Internet, you can view this information at will. With this camera you can view only the text and image information.



- Note** • The Internet uses an information system called WWW (World Wide Web) or simply Web. Web information is supplied in the form of pages and the homepage serves as the gateway to the Web pages.

● Communicating by E-Mail

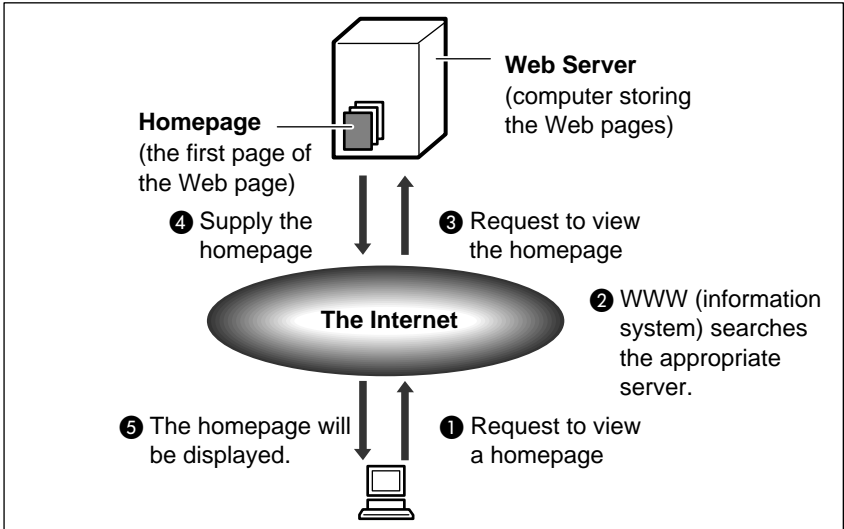
E-mail (electronic mail) is the system of exchanging messages (mail) using the Internet. Anyone who has access to the Internet can send and receive messages at will. The system has the major advantage of being able to deliver messages instantly to people living far away, regardless of distance. Basically it is text information that is exchanged, but images can also be attached.

How the Internet Works

This section provides a simple explanation of how the Web page works and how to send and receive e-mail.

● Web Page

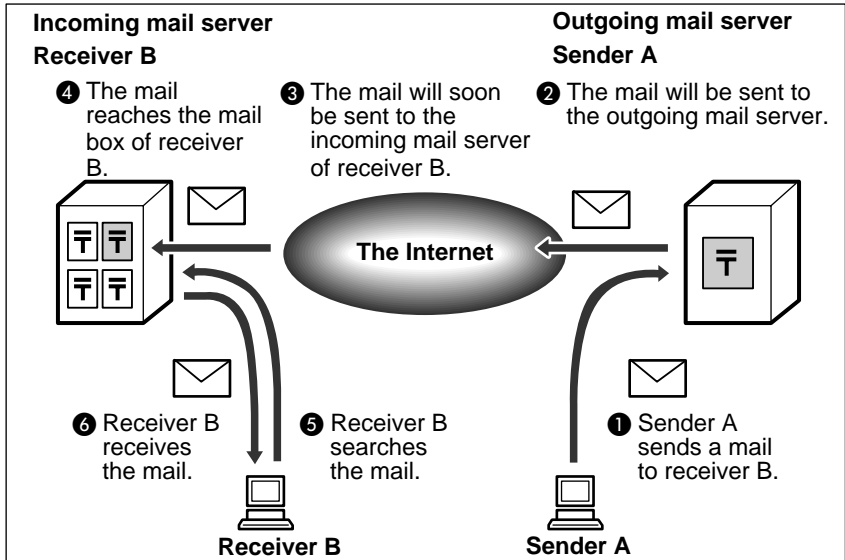
If you request to see a Web page, the request is delivered to the server storing the Web page in question via the Internet. The server supplies the Web page in response to the request.



● E-Mail

Sending : When a message is uploaded, it is sent first to the outgoing mail server, and from there via the Internet to the receiver's incoming mail server. Each person has their own mail box in their incoming mail server and the message is stored in the appropriate box.

Receiving : The receiver can get the message from the mail box by going to their incoming mail server.



Requirements for Accessing the Internet

To access the Internet, you need the following items in addition to your camera. The software needed for viewing a Web page or sending e-mail is already loaded in the camera.

● Communication Card

By inserting a communication card in the camera, you can use the communication and Internet functions. Details are given in Chapter 3. → P.55 "Connecting Communication Equipment"

● Telephone and Telephone line

Depending on the environment, you need a telephone line, mobile phone, etc. Details are given in Chapter 3. → P.55 "Connecting Communication Equipment"

● Information Supplied by the Provider

This information includes a telephone number, account name (name of the contractor), password, etc for accessing the Internet.

Provider

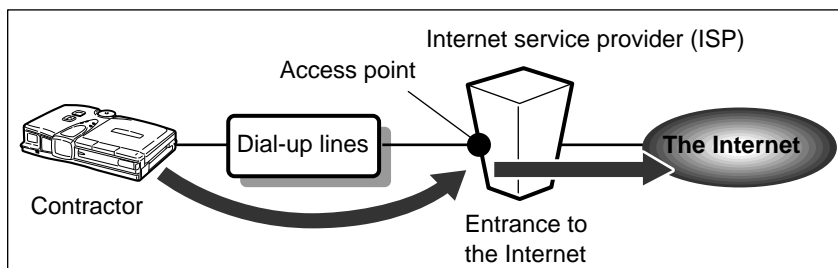
● Making a Contract with a Provider

The provider is the company which provides the service of connecting you to the Internet. Individual access to the Internet requires a contract with a provider. When you make such a contract, you will be supplied with the necessary information for accessing the Internet.

- Note** • If your company already has an Internet environment, you do not need to make a contract with a provider. In this case, the necessary information can be obtained from the system administrator .

● Access Point

The contractor telephones the access point supplied by the provider and is connected to the Internet via this point.



- Important Note**
- The provider charges a connecting fee according to the amount of use. You are also required to pay the telephone company a charge for calling the access point.
 - Each provider offers its own services and charges vary accordingly. For the latest information on providers, see Internet-related magazines, etc.

Dial-Up Function

The dial-up IP connection is used to make a connection to the Internet only when necessary. Normally, it is for accessing the Internet using the RDC-i700. To make the dial-up IP connection, the access point (dial-up destination) and other information must have already been set. → P.24 “Setting a Dial-Up Account”

- Note** • “Dial-up IP connection” refers to being connected only when you dialed, while “dedicated connection” refers to being constantly connected to the Internet.

Flow Chart

The following chart shows the general flow of operation, from preparation to actual use of the communication and Internet functions.

Set the Communication Function



Set the mode dial to [SETUP] (Setup mode) and set the communication function. You will need the information supplied by the provider or system administrator. → P.19 “Chapter 2”

Connect the Communication Equipment



Connect the camera to the communication equipment. There are various ways of doing this. Choose the connection method best suited to the environment. → P.55 “Chapter 3”


Preparations are now complete.

Follow the procedures below to actually use the communication function.




Send a captured Image



Set the mode dial to  (Play mode) and upload an image. There are various ways of doing this. Choose the upload method best suited to your purpose. → P.63 “Chapter 4”

When you want to use more various functions ...

Use the Communication and Internet Functions

Set the mode dial to  (Communication mode) to use the communication and Internet functions. As well as sending images, you can receive images and use a variety of Internet functions. → P.83 “Chapter 5”

Chapter 2

Setting the Communication Function

Preparations and Operation

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Setting Direct Upload 48

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- Setting the Web Environment 50
- Selecting a Dial-Up Account 52

Setting FTP Upload 53

Preparations and Operation Flow

In order to use the camera's communication and Internet functions, you need to make a number of settings.

Have You Made a Contract With a Provider?

For access to the Internet, you must have a contract with a provider. If you do not already have one, make the contract first before making the communication settings.

- Note**
- A contract with a provider is not required in the following cases:
 - * If the company already has an Internet environment.
 - * If you are only using the communication function to send images directly to an office fax or computer.

Preparing Information before Setting

The following information is required from the provider or system administrator before you can make the settings. The explanations in this section use an imaginary provider, testnet, in the examples. Depending on the provider, the terms used may vary and certain information may not be supplied. Further details are given later. → P.24 ~

● Dial-Up Information

This information is required for accessing the Internet.

- Telephone number : (Refer to the access point list)
- PPP account : (Ex. testname)
- PPP password : (Ex. 1234ABCD)
- Primary name server : (Ex. xxx.xxx.xxx.xxx) xxx = numerals from 0 to 255
- Secondary name server : (Ex. xxx.xxx.xxx.xxx) xxx = numerals from 0 to 255

● Mail Information

This information is required for using e-mail.

- SMTP server name : (Ex. smtp.testnet.com)
- POP server name : (Ex. pop.testnet.com)
- POP account : (Ex. testname)
- POP password : (Ex. 1234ABCD)
- Mail address : (Ex. testname@testnet.com)

● Direct Upload and FTP Upload Information

This information is required for sending images and other files.

- Destination server : (Ex. ftp.testnet.com)
- Destination folder : (Ex. /xxxx/xxxx)



Terms for Communication Settings

The terms used for the settings may vary depending on the provider. The following examples are given for reference.

RDC-i700 Item	Term used by Provider
Telephone number	: Access point
PPP account	: User name, user ID, member name, screen name, account ID, connection ID, connection account, log-in name, PPP log-in name
PPP password	: Password, connection password
Primary name server	: Primary DNS, DNS server
Secondary name server	: Secondary DNS
SMTP server name	: Outgoing mail server, mail server
POP server name	: Incoming mail server, mail server
POP account	: Mail account
POP password	: Mail password
Mail address	: E-mail address
Destination server	: FTP server

Operation Flow Chart

The following six communication and Internet functions can be used on this camera.

The setting operation flow differs depending on the function. Refer to the flow chart on the following page and follow the sequence for setting the desired function.

- **QUICK SEND** : This function is for sending a single image by simple operation using e-mail.
- **E-MAIL** : This function is for sending and receiving mail. You can also attach an image to a message.
- **WEB** : This function is for viewing a Web page on the Internet.
- **FTP UPLOAD** : This function is for uploading (sending) an HTML file in which an image has been placed, and posts its original images to a server where Web pages are saved.
- **DIRECT UPLOAD** : This function is for forwarding (sending) files directly to a computer.
- **FAX UPLOAD** : This function is for sending images to a fax machine.

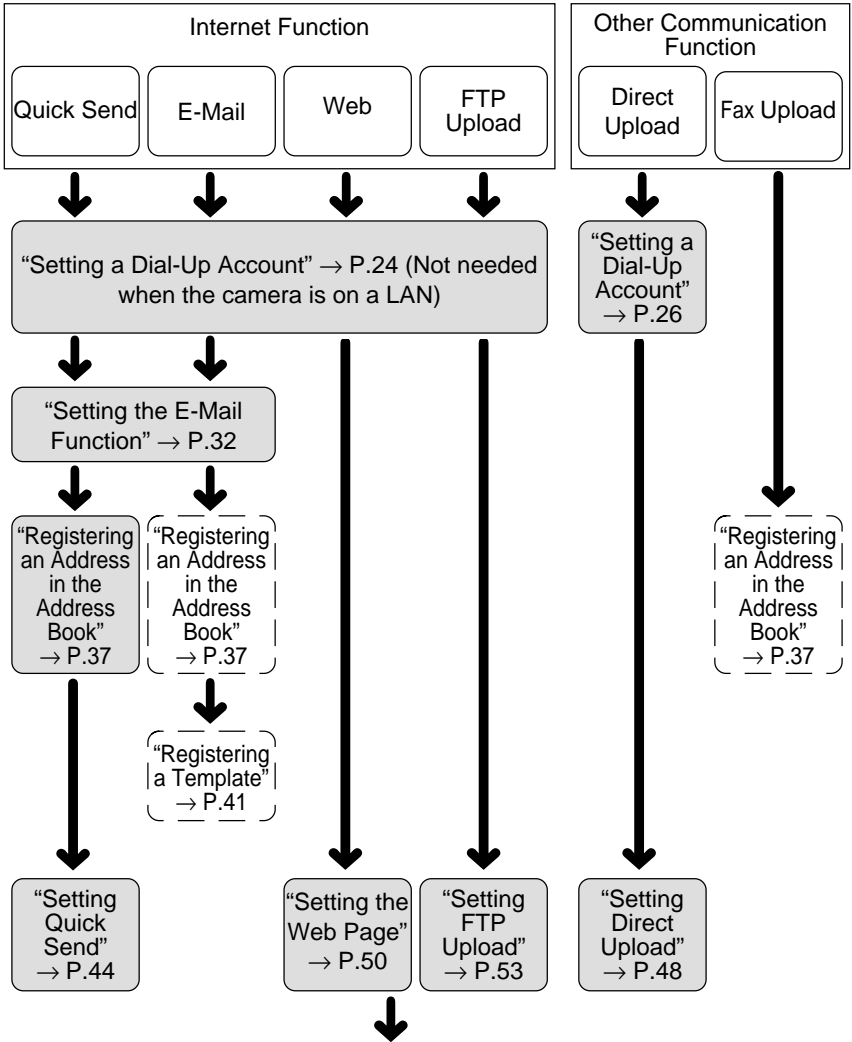


- Be sure to configure the communication settings when using the communication and Internet functions for the first time. However, provided that you do not change the settings, configuration is not required each time you use the communication function.
-



- There is no need to set the dial-up account if the camera is on a LAN (internal office or home network) when using the Internet function.
- Details of how to connect the camera to a LAN, refer to "Connecting the Camera to a Network" in the 'Connecting to a Personal Computer' operation manual.

◻ items must be set ◻ items should be set as required



When you have finished configuring, proceed to Chapter 3 (P.55).

Setting a Dial-Up Account

This section explains how to set the telephone number, server name, etc. for accessing the Internet.

- Note** • If you want to connect directly to an office computer (server) and perform a Direct Upload, set the telephone number, server name, etc. in the same way. → P.26 ~

Setting a New Dial-Up Account

You can set and add new dial-up accounts to the list.

■ Items for Dial-Up Setting

(Quick Send, E-Mail, Web, FTP Upload)

The following 10 items need to be set.

The setting procedure is explained later. → P.29 ~

● Dial-Up Name


This is the name of the connection. You can input simple names at will. In general, the input name is the name of the provider or the access point. (Example: testnet Tokyo)

● Telephone Number

This is the telephone number of the connection. Choose the nearest telephone number from the list of access points provided and input the number. (Example: xxx-xxx-xxxx)

- Note** • It is recommended if you often travel on business, prepare a dial-up setting for each destination.
- If you use a digital mobile phone, depending on the combination of phone type and provider, you may have to use PTE (protocol transfer equipment). For information concerning PTE and instructions on setting the telephone number, see the instruction manual attached to the communication card.

● Dial Type

If you are using an ordinary telephone line, choose the type of line. Select the  for either TONE or PULSE. The factory default setting is TONE. If you are using an ISDN or mobile phone, leave the setting on TONE.

- TONE : Short beeps are heard when dialing
- PULSE : Long beeps are heard when dialing

Note • If the type of telephone line is not correctly set, no connection will be made. If you do not know which type of telephone line you use, contact the telephone company.

● External Call

When making an external call from an internal phone of the office, input numbers from 0 to 9 to set the external call number. When the external call number is set, it is added in front of the telephone number and dialed before the telephone number. If you do not need an external call number, leave blank.

● PPP Account

This is the account name (the name of the contractor) for accessing the Internet. It is also called User name, User ID, etc. (Example: testname)

● PPP Password

This is the password for accessing the Internet. Input the password in characters. (Example: 1234ABCD)

-
- Important Note**
- Take note of the following when entering the account and password.
 - * the difference between uppercase and lowercase letters
 - * the difference between the number “0” (zero) and the alphabet letter “O”
 - * the difference between the number “1” (one) and the alphabet letters “I” (capital i) and “l” (small L).
 - Your password is very important. Make a note of your password and keep it safe, out of sight.
-

● Primary Name Server



● Secondary Name Server

This is the IP address of the name server managed by your provider or system administrator. If you have not been supplied with the address by your provider or system administrator, leave blank. (Example: xxx.xxx.xxx.xxx)

-
- Important Note**
- The internet function does not work properly unless you specify the name server. Be sure to specify the name server.
-

- Note**
- The primary name server is the server you normally use. If this server fails to function, the secondary name server will be used as an emergency server.

● Auto Disconnect

This setting is useful when viewing a Web page. You can set the length of time after which the telephone line will be automatically disconnected if the line is not used (the Internet is not accessed). Use the ▲·▼ buttons, or   to set the time in the range of 1~59 minutes. The factory default setting is 3 minutes.

● IP Address

This is the IP address for the camera. The factory default setting is blank. Setting of the IP address is not required for normal use as it is automatically assigned by the server. Only set the IP address if you have been supplied with an address by the provider or system administrator.



PPP

Normally when you access the Internet, a public network is used for dial-up IP connection. The protocol used at this time is PPP (Point-to-Point Protocol). The account used for the connection is therefore often called the PPP account.

IP Address and Domain Name

Many computers are connected to the Internet. The IP address is used to identify each individual computer and is expressed in the form of [xxx.xxx.xxx.xxx] (xxx = numbers from 0 to 255). The domain name is usually alphabetical as we see in the Web address (Example: testnet.com).

Name Server

Also called DNS (Domain Name System) server. This server converts the alphabetized domain name to and from the IP address in numerical expression.

This server converts the domain name specified by this camera to the IP address and searches the target server on the Internet.

■ Items for Dial-Up Setting (Direct Upload)

The following 10 items need to be set.

The setting procedure is explained later. → P.29~



- Details on dial-up setting, refer to Chapter 7 “Setting the Receiving PC for Direct Upload” in the ‘Connecting to a Personal Computer’ operation manual.

● Dial-Up Name

This is the name of the connection. You can input simple names at will. In general, the input name is the name of the computer of the connection. (Example: testserver)

● Telephone Number

This is the telephone number of the connection. Input the telephone number to which the receiving computer (modem) is connected. (Example: xxx-xxxx-xxxx)

● Dial Type

If you are using an ordinary telephone line, choose the type of line. Select for either TONE or PULSE. The factory default setting is TONE. If you are using an ISDN or mobile phone, leave the setting on TONE.

- TONE : Short beeps are heard when dialing
- PULSE : Long beeps are heard when dialing

Note • If the type of telephone line is not correctly set, no connection will be made. If you do not know which type of telephone line you use, contact the telephone company.

● External Call

When making an external call from an internal phone of the office, input numbers from 0 to 9 to set the external call number. When the external call number is set, it is added in front of the telephone number and dialed before the telephone number. If you do not need an external call number, leave blank.

● PPP Account

Input the connecting computer's name (Example: testname)

<When the receiving computer is running Windows>

Select [Start] → [Settings] → [Control Panel] → [Network] → [Identification].
Input the computer name for the PPP account.



Note • The above explanation is Windows 98 based. The procedure for Windows 2000 varies.

<When the receiving computer is running Macintosh>

Select [Control Panels] → [File Sharing] from the Apple menu and click [Start/Stop] tab. For the PPP account, input the user name you have set in [Owner Name].



- Note** • The above explanation is MacOS 9 based. The procedure for the previous versions than MacOS 9 varies.

● PPP Password

This is the password for connecting the computer. Input the password in letters. (Example: 1234ABCD)



- Take note of the following when entering the account and password.
 - * the difference between uppercase and lowercase letters
 - * the difference between the number “0” (zero) and the alphabet letter “O”
 - * the difference between the number “1” (one) and the alphabet letters “I” (capital i) and “l” (small L).
- Your password is very important. Make a note of your password and keep it safe, out of sight.

<When the receiving computer is running Windows>

Input the password you have set in [My Computer] → [Dial-Up Networking] → [Connections] → [Dial-Up Server...] [Change Password...] for the PPP password.



- Note** • The above explanation is Windows 98 based. The procedure for Windows 2000 varies.

<When the receiving computer is running Macintosh>

Select [Control Panels] → [File Sharing] from the Apple menu and click [Start/Stop] tab. For the PPP account, input the user name you have set in [Owner Name].



Note • The above explanation is MacOS 9 based. The procedure for the previous versions than MacOS 9 varies.

- **Primary Name Server**
 - **Secondary Name Server**
- Leave blank.

- **Auto Disconnect**

This setting is useful when viewing a Web page. Setting is not required.

- **IP Address**

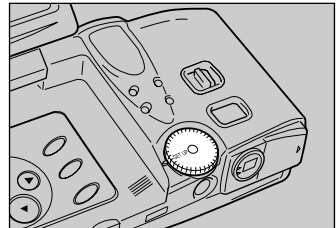
This is the IP address for the camera. Setting is not required.

■ Setting a Dial-Up Account

This section explains the procedures for setting a dial-up account.

① Set the mode dial to [SETUP].

The Setup menu will be displayed.



② Select [DIAL-UP SETTING].

The dial-up setting screen will be displayed.



3 Select [ADD].



4 Set the various items.

There are 2 screens of settings.

- P.24, P.26 “Items for Dial-Up Setting”
- “Using the On-screen Keypad” and “How to Select the Items” in the ‘Camera’ operation manual



5 When you have finished making the settings, select [OK].

Setting is completed and the dial-up account added on the dial-up setting screen (step 3) is displayed.



6 Select [EXIT].

The screen will return to the Setup menu.

Changing a Dial-Up Account

You can change a dial-up setting that has already been registered.



1 Display the dial-up setting screen.

- P.29 “Setting a Dial-Up Account” Steps 1 and 2

2 Choose the setting you wish to change from [LIST] and select [EDIT].

The selected dial-up setting will be displayed.



- If the dial-up account you want is not displayed, use  or  at the right of the list to display the desired dial-up account.

3 Edit the settings.

There are two setting screens.



- Once a setting has been edited, it cannot be restored. Make sure that you want to edit a setting before making any changes.



4 When you have finished editing the settings, select [OK].

Editing is completed and the screen will return to the dial-up setting screen.

5 Select [EXIT].

The screen will return to the Setup menu.

Deleting a Dial-Up Account

You can delete an unwanted dial-up setting.

1 Display the dial-up setting screen.



- P.29 “Setting a Dial-Up Account” Steps 1 and 2

2 Choose the name you wish to delete from [LIST] and then select [DELETE].

The delete confirmation message will be displayed.



- Once a setting has been deleted, it cannot be restored. Make sure that you want to delete a setting before you do so.

3 Press the shutter release button.

The selected dial-up setting will be deleted. Repeat steps 2 and 3 to delete more names.



- To cancel deleting, select [Cancel].

4 When you have finished deleting, select [EXIT].

The screen will return to the Setup menu.



Setting the E-Mail Function

This section explains how to set the conditions for sending and receiving mail.

Setting the Mail Environment

First set the mail environment.

■ Mail Environment Settings

Set the following 11 items.


The setting procedure is explained later. → P.34~

● SMTP Server

This is the outgoing mail server for storing uploaded mail temporarily. Input the server name supplied by the provider or system administrator. (Example: smtp.testnet.com or xxx.xxx.xxx.xxx)

● POP Server

This is the incoming mail server for storing downloaded mail. Input the server name supplied by the provider or system administrator. (Example: pop.testnet.com or xxx.xxx.xxx.xxx)

 • In some cases the SMTP server and POP server are the same.

● POP Account

This is the account name for accessing the incoming mail server. (Example: testname) In some cases, it is the same as the PPP account name in the dial-up settings.

● POP Password

This is the password for accessing the incoming mail server. (Example: 1234ABCD) In some cases, it is the same as the PPP password in the dial-up settings.



- Take note of the following when entering the account and password.
 - * the difference between uppercase and lowercase letters
 - * the difference between the number “0” (zero) and the letter “O”
 - * the difference between the number “1” (one) and the letters “l” (capital i) and “l” (small L).
- Your password is very important. Make a note of it and keep it in a safe place, out of sight.

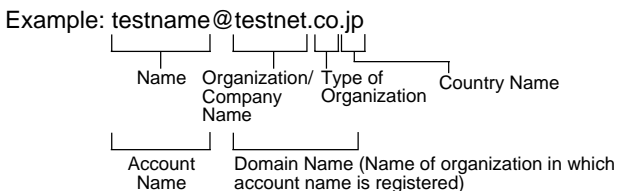


SMTP and POP

SMTP (Simple Mail Transfer Protocol) is the protocol used when sending mail between computers. POP (Post Office Protocol) is the protocol used when receiving mail from the mail server.

● Mail Address

This is the equivalent of a name and address used to identify each person when using e-mail. The address is made up of two parts with an @ mark in the middle.



● Sender Name

This is the sender's name, in other words your name. It is automatically entered in the "From:" sender column for uploaded mail. (Example: Taro Tanaka)


● Signature

The signature is a summary of the sender information (name, mail address, telephone number, etc.). The signature that is input here is added at the end of the message. If it is not required, leave blank.





Example:




● Automatic Deletion of Downloaded Mail


You can set whether or not you want mail stored in the incoming mail server to be deleted after it has been downloaded. Select either YES or NO with the  button. The factory default setting is NO.

● Maximum Mail Size to be Downloaded

You can set the mail size so that mail over a preset size is not downloaded. Use the · buttons, or · to specify the size in 1 KB units in the range of 0 ~ 300 KB. If zero is set, no mail will be downloaded. The factory default setting is [64 KB].


 • The large size of mail may not be downloaded eventually.

● Saving Copies of Outgoing Mail

You can set whether or not you want a copy of outgoing mail to be saved in the SENT MAILS after it has been uploaded. Select the  button for either YES or NO. The factory default setting is [YES].

● Mail Box Size

You can set the mail box size so that downloaded mail will be saved in the internal memory of the camera. Specify the size in 1 MB units in the range of 1 ~ 6 MB. The factory default setting is [2 MB].

 • When the maximum size of 6 MB is allocated to save the downloaded mails, no image may be saved in the internal memory.

■ Setting Operation

This section explains the procedure for setting the mail environment.

① Set the mode dial to [SETUP].

The Setup menu will be displayed.

② Select [MAIL/WEB SETTING].

The Mail/Web setting screen will be displayed.



3 Select [MAIL].



4 Set each item.

There are 3 setting screens.

- P.32 “Mail Environment Settings”
- “Using the On-screen Keypad” and “How to Select the Items” in the ‘Camera’ operation manual



5 When you have finished making the settings, select [OK].

Setting will be completed and the screen will return to the Mail/Web setting screen.



The next section explains how to select a dial-up account of the access point.

Selecting a Dial-Up Account

You can select a registered dial-up account for sending e-mail.

1 Select [MAIL/WEB DIAL-UP].



2 Choose the desired dial-up account from the [LIST] and select [SELECT].

The selected dial-up name and telephone number will be displayed.



- Note**
- The dial-up account set here is the same as for the Web setting. If you have already set the account, you do not need to set it again. → P.52 “Selecting a Dial-Up Account”
 - If the dial-up account has not yet been registered, register the name first. → P.24 “Setting a Dial-Up Account”

3 Select [OK].

The screen will return to the Mail/Web setting screen.

4 Select [EXIT].

The screen will return to the Setup menu.

Registering an Address in the Address Book

You can register information about work colleagues or friends in the address book. You can select a registered mail address or fax number in [SEND TO] when sending an e-mail or fax.



- You can register up to a maximum of 50 addresses in the address book.
- You can register a new address or edit an address using your computer. → P.62 “Address Book Settings” in the ‘Connecting to a Personal Computer’ operation manual.

Registering a New Address

This function enables you to register new addresses.

■ Address Book Settings

Input the following 9 items in the address book.

● NAME

Input the family name of the person you wish to register.

● FIRST NAME

Input the first name of the person you wish to register.

● COMPANY

Input the name of the company of the person you wish to register.

● TITLE

Input the title of the person.

● ADDRESS

Input the mail address. The mail address input here can be specified in [SEND TO] when sending mail.

→ P.44 “Setting Quick Send”, P.72 “Sending an Image as an Attachment” and
→ P.86 “Composing Mail”



- Input the mail address correctly, differentiating between uppercase and lowercase letters.

● **TEL NO**

Input the telephone number. (Example: xxx-xxxx-xxxx)

● **FAX NO**

Input the fax number. (Example: xxx-xxxx-xxxx) The fax number input here can be specified in [SEND TO] when sending a fax. → P.77 “Sending an Image to a Fax”, P.98 “Using Fax Upload”

● **CELLULAR**

Input the mobile phone number. (Example: xxx-xxxx-xxxx)

● **MEMO**

Input the memo data.

■ Adding an Address

This section explains the procedure for adding an address.

❶ **Set the mode dial to [SETUP].**

The Setup menu will be displayed.




❷ **Select [ADDRESS BOOK].**

The address book setting screen will be displayed.



❸ **Select [ADD].**

❹ **Input the necessary information with the on-screen keypad by selecting  for each item.**

There are 2 setting screens.



- See**
- P.37 “Address Book Settings”
 - “Using the On-screen Keypad” in the ‘Camera’ operation manual

5 When you have finished entering the information, select [OK].

Registering is completed and the address is added on the address book setting screen (step 3).

6 Select [EXIT].

The screen will return to the Setup menu.



Editing an Address

This function enables you to make changes to an address that has already been registered.

1 Display the address book setting screen.

See • P.38 “Adding an Address” Steps 1 and 2

2 Choose the address you wish to change from [LIST] and select [EDIT].

The selected address will be displayed.



3 Edit the address.

Important Note • Once the settings have been edited, they cannot be restored. Make sure that you want to edit an address before making any changes.



4 When you have finished editing, select [OK].

Editing is completed and the screen returns to the address book setting screen.

5 Select [EXIT].

The screen will return to the Setup menu.

Deleting an Address

This function enables you to delete unwanted addresses.

① Display the address book setup screen.

- See** • P.38 “Adding an Address” Steps ① and ②

② Choose the address you want to delete from [LIST] and select [DELETE].

The delete confirmation message will be displayed.



- Important Note** • Once an address has been deleted, it cannot be restored. Make sure you want to delete an address before you do so.

③ Press the shutter release button.

The selected address will be deleted.
Repeat steps ② and ③ to delete more addresses.

- Note** • To cancel deleting, select [Cancel].

④ When you have finished deleting, select [EXIT].

The screen will return to the Setup menu.



Registering a Template

You can register frequently used phrases such as “Thank you for your cooperation” and “I am sending an image” as templates. You can specify the templates registered here in the message.

- Note**
- You can register a maximum of 30 templates.
 - You can register and edit templates using your computer. → “Template Settings” in the ‘Connecting to a Personal Computer’ operation manual.

Adding a New Template

This function enables you to register a template.

1 Set the mode dial to [SETUP].

The Setup menu will be displayed.

2 Select [MAIL/WEB SETTING].

The Mail/Web setting screen will be displayed.



3 Select [TEMPLATE].

The template list will be displayed.



4 Select [ADD].



5 Input the template data.

You can input the data in up to 60 characters.

- See** • “Using the On-screen Keypad” in the ‘Camera’ operation manual

6 When you have finished entering the data, select [OK].

Registering will be completed, and the template will be added on the Mail/Web setting screen (step 4).

7 Select [EXIT].

The screen will return to the Mail/Web setting screen.

8 Select [EXIT].

The screen will return to the Setup menu.



Editing a Template

This function enables you to edit a template that has already been registered.

1 Display the template list.

- See** • P.41 “Adding a New Template” Steps 1~3

2 Choose the template you wish to edit from the [LIST] and select [EDIT].

The selected template details will be displayed.



3 Edit the template.

- Important Note** • Once a template has been edited, it cannot be restored. Make sure that you want to edit the template before making any changes.



4 When you have finished editing, select [OK].

Editing will be completed and the screen will return to the template list.

5 Select [CANCEL].

6 Select [EXIT].

The screen will return to the Setup menu.

Deleting a Template

This function enables you to delete unwanted templates.

1 Display the template list.

See • P.41 “Adding a New Template”
Steps **1**–**3**

2 Choose the template you wish to delete from the [LIST] and select [DELETE].

The delete confirmation message will be displayed.



• Once a template has been deleted, it cannot be restored. Make sure that you want to delete a template before deleting it.

3 Press the shutter release button.

The selected template will be deleted.
Repeat steps **2** and **3** to delete more templates.



• To cancel deleting, select [CANCEL].



4 When you have finished deleting, select [EXIT].

The screen will return to the Mail/Web setting screen.

5 Select [EXIT] again.

The screen will return to the Setup menu.

Setting Quick Send

The quick send function is useful for sending an image quickly through the Edit mode. It is useful for sending a specified image to the same destination. In order to use this function, you need to set the destination and dial-up account beforehand.

- P.24 “Setting a Dial-Up Account”, P.32 “Setting the E-Mail Function” and P.37 “Registering an Address in the Address Book”

Setting Operation

Quick send enables you to send an image using the e-mail function. This section explains how to set the mail destination and dial-up account.

1 Set the mode dial to [SETUP].

The Setup menu will be displayed.

2 Select [QUICK SEND].

The quick send setting screen will be displayed.



3 Enter the quick send settings.

Details of the setting procedure are explained later.

- For the address, see “Selecting an Address Using the Address Book” (P.45)
- For the dial-up account, see “Selecting a Dial-Up Account” (P.45)
- For the image size, see “Setting the Image Size” (P.46)



4 When you have finished making the settings, select [OK].

The screen will return to the Setup menu.

■ Setting an Address Using the Address Book

This function allows you to select an address from the address book.

① Select [ADD. BOOK] on the setup screen.

The address book setting screen will be displayed.



② Choose the address you wish to set from [LIST] and then select [SELECT].

The selected address will be displayed in [SEND TO] and [E-MAIL].

Note • If the address has not been registered, register it first. → P.37
“Registering an Address in the Address Book”



③ Select [OK].

The selected address will be displayed on the setting screen (Step ①).

■ Selecting a Dial-Up Account

This function enables you to select a dial-up account.

① Select [LIST] on the setup screen.

The dial-up setting screen will be displayed.



② Choose the dial-up account you wish to set from the [DIAL-UP LIST] and then select [SELECT].

The dial-up details selected in [NAME] and [TEL NO.] will be displayed.



3 Select [OK].

The selected address will be displayed on the setting screen.

- Note** • If the dial-up account has not been registered, register it first. → P.24
“Setting a Dial-Up Account”

■ Setting the Image Size

This function enables you to set the size of the image to be sent. Choose the appropriate size according to whether you want to give priority to image quality or to speed.

1 Select [IMAGE SIZE] on the setup screen.

The image size setting screen will be displayed.



2 Choose the desired image size and then select [OK].

Setting will be completed and the image size selected on the setting screen will be displayed.



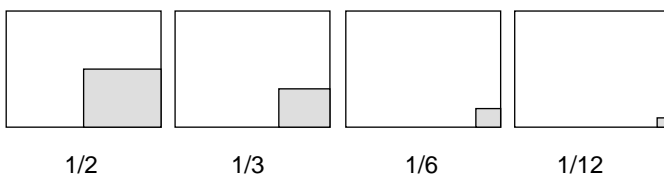
● NO CHANGE

You can send the image in its original size. Select this function when you wish to give priority to image quality.

● 1/2, 1/3, 1/6, 1/12

You can send the image by resizing it to between 1/2 and 1/12 of its original size.

Select this function when you wish to give priority to speed rather than quality when sending an image. The smaller the image size, the shorter the time to send.



- Note**
- The large size of the captured images will take much time to send. It is recommended to reduce the size to shorten the time required to send the image.
 - Changing the image size here does not affect the original size of the image recorded in the camera. The factory default setting is 1/6.

● Image Size

Refer to the table below for the number of pixels after you have changed the image size.

Value	Size (No. of pixels)		
	2048	1024	640
No change	2048 × 1536	1024 × 768	640 × 480
1/2	1024 × 768	512 × 384	320 × 240
1/3	672 × 512	320 × 256	192 × 160
1/6	320 × 256	160 × 128	96 × 80
1/12	160 × 128	64 × 64	64 × 40

- Note**
- The resized image will be made with the same procedure as when you select [EDIT] → [EDIT IMAGE] → [CHANGE SIZE] and can be checked in Edit mode. The image size will be displayed when you press the DISPLAY button.

Image size display

Image size



Original size



Resized to 1/2

Setting Direct Upload

Direct upload refers to dialing the office computer (server) and sending files directly from the camera to a folder in the server. This section explains how to set the dial-up account and server name used for direct upload.

Note • The modem connected to the server will be called up as a matter of fact.

■ Direct Upload Settings

The following 3 items are set in this section.

● Dial-Up Account

Choose the dial-up account for direct upload from the list of accounts registered beforehand.

Note • If the dial-up account has not been registered, register it first. → P.26 “Setting a Dial-Up Account (Direct Upload)”

● Destination Server

The server (the receiving server) to which the file will be sent. (Example: ftp.testnet.com or xxx.xxx.xxx.xxx) Leave blank for normal use.

● Destination Folder

Specify the folder in a server to which the file will be sent. (Leave blank for normal use.)

<For Windows>

If you specify the folder, the file will be sent in the following way depending on whether you specify the folder both in the receiving computer and in the camera.

Receiving computer	Camera	Result
Folder specified	Folder specified	
Yes	No	The file will be sent to the folder specified in the receiving computer.*1
Yes	Yes	The folder specified in the camera will be ignored and the file will be sent to the folder specified in the receiving computer.*1
No	Yes	The file will be sent to the folder specified in the receiving camera.*2
No	No	The error messages will be displayed in the camera and the file will not be sent.

*1 When there is no folder specified in the computer, a folder will automatically be created in the computer.

*2 When there is no folder specified in the computer, the error messages will be displayed and the file will not be sent.



- Take care to specify the folder correctly. Incorrect input of the folder will result in an error as the folder will be deemed not to exist.

<For Macintosh>

Leave blank. The file will be sent to the folder you specify in the receiving computer.

■ Setting Operation

This section explains the procedures for setting direct upload.

① Set the mode dial to [SETUP].

The Setup menu will be displayed.

② Select [DIRECT UPLOAD].

The direct upload setup screen will be displayed.



③ Select [LIST] and choose the dial-up account.

The selected dial-up account and telephone number will be displayed.

See • P.45 “Selecting a Dial-Up Account”



④ Set each item.

See • P.48 “Direct Upload Settings ”
 • “Using the On-screen Keypad” in the ‘Camera’ operation manual



⑤ When you have finished making the settings, select [OK].

The screen will return to the Setup menu.

Setting the Web Page

This section describes how to set the environment for viewing the Web pages in the Internet.

Setting the Web Environment

Set the Web environment first.

■ Web Environment Settings

The following 5 items are set in this section.

● Proxy Server (Proxy Host)

Normally the proxy server is used for security purposes. It also enables use of the cache function for temporarily saving information on a homepage which is frequently accessed. This is only set when supplied by the provider or system administrator. Normally the space is left blank. (Example: proxy.testnet.com or xxx.xxx.xxx.xxx)

● Proxy Port

This is only set when supplied by the provider or system administrator. Normally the space is left blank. (Example: xxxx)

● Server Without Proxy


This is only set when supplied by the provider or system administrator. Normally the space is left blank. (Example: xxx.xxx.*.*)

● Default Homepage

You can specify the homepage you want displayed when you first access the Internet. If you do not wish to specify a homepage, leave blank. (Example: http://www.testnet.com/)

● Downloading Image Files

You can set whether or not you want the image files downloaded when the Web page is displayed. Select the button for either [YES] or [NO]. If the image display speed is slow, you can speed it up by setting [NO].

 • There is a limit in proxy function with this camera. The function of authentication, etc. may not be able to use.

■ Setting Operation

This section explains the procedure for setting the Web environment.

① Set the mode dial to [SETUP].

② Select [MAIL/WEB SETTING].

The Mail/Web setting screen will be displayed.

③ Select [WEB].

④ Set each item.

There are 2 screens of settings.

- See**
- P.50 “Web Environment Settings”
 - “Using the On-screen Keypad” in the ‘Camera’ operation manual

⑤ When you have finished making the settings, select [OK].

Setting will be completed and the screen will return to the Mail/Web setting screen.

Setting the dial-up account for the access point is explained in the next section.



Selecting a Dial-Up Account

You can select a dial-up account for using the Web function.

1 Select [MAIL/WEB DIAL-UP].



2 Choose the desired dial-up account from the [LIST] and select [SELECT].

The selected dial-up name and telephone number will be displayed.



- Note**
- The dial-up account set here is the same as in the e-mail setting. If you have already made the e-mail setting, there is no need to make the setting here. → P.36 "Selecting a Dial-Up Account"
 - If the dial-up account has not been registered, register it first → P.24 "Setting a Dial-Up Account"

3 Select [OK].

The screen will return to the Mail/Web setting screen.

4 Select [EXIT].

The screen will return to the Setup menu.

Setting FTP Upload

You can upload an HTML file in which an image is embedded and its original images to the server where the Web page is saved. This section explains how to set the dial-up account and server name for uploading.

■ FTP Upload Settings

The following 5 items are set in this section.

● Dial-Up Account

Choose the dial-up account to be used for actually uploading the HTML file from the list of accounts registered in advance.

● FTP Server Address

Specify the server to which the file is to be sent. (Example: ftp.testnet.com or xxx.xxx.xxx.xxx)

● Destination Folder

Specify the folder to which the file is to be sent. (Example: /xxx/xxx)



- Take care to specify the folder in the server correctly. Incorrect input of the folder will result in an error as the folder will be deemed not to exist.

● User Account

The user account is used for connecting to the FTP server, which is the FTP upload destination. In some cases it is the same as the PPP account in the dial-up setting.

● Password

The password is used when connecting to the server. In some cases it is the same as the PPP password in the dial-up setting.



FTP

FTP (File Transfer Protocol) is the protocol used when forwarding a file on the Internet.

■ Setting Operation

This section explains the procedure for setting FTP upload.

① Set the mode dial to [SETUP].

The Setup menu will be displayed.

② Select [FTP UPLOAD].

The FTP upload setting screen will be displayed.



③ Select [LIST] and choose the dial-up account.

The selected dial-up name and telephone number will be displayed.

See • P.45 “Selecting a Dial-Up Account”



④ Set each item.

There are 2 setting screens.

See • P.53 “FTP Upload Settings”
• “Using the On-screen Keypad” in the ‘Camera’ operation manual



⑤ When you have finished making the settings, select [OK].

The screen will return to the Setup menu.

Chapter 3

Connecting Communication Equipment

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Connecting the Camera to Communication Equipment

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

Connecting Methods

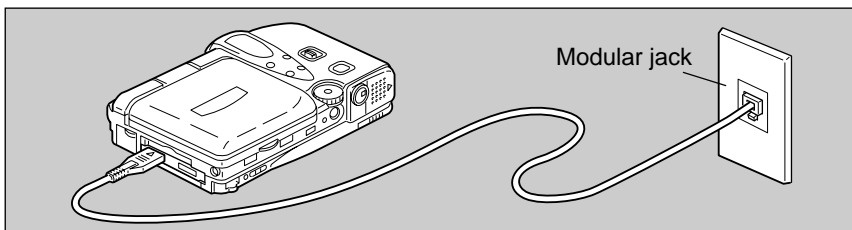
This section explains how to connect the camera to communication equipment. Details of each method are explained below.



- 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.

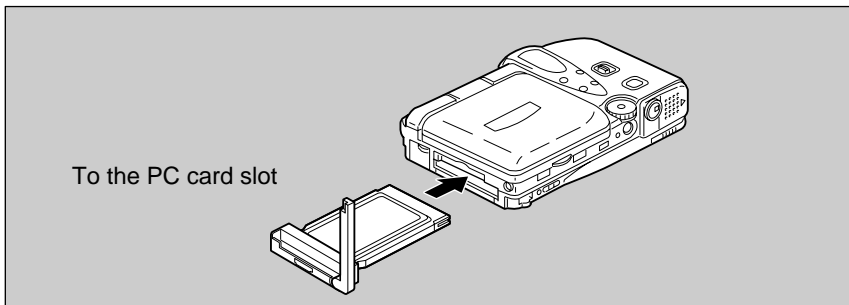
■ Connecting the Camera to a Standard

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



■ 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.



- 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

3

Connecting Communication Equipment

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



- 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.

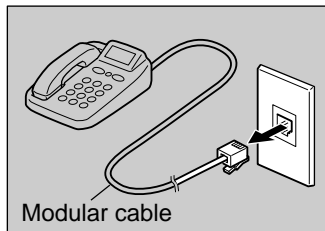
■ Connecting Operation



- 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.

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

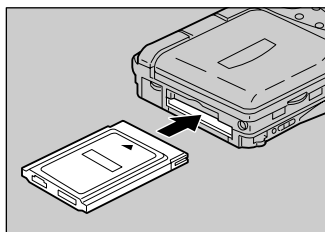
- Note** • If the connection jack for the telephone is not a modular jack, it will need to be converted to a modular jack. Contact your telephone company for further details.



2 Check that the camera is turned off.

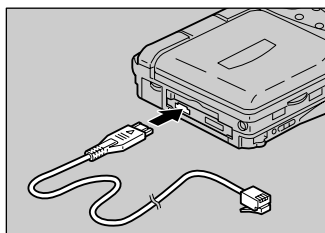
3 Insert the communication card into the PC card slot in the camera.

Make sure that the communication card is face up and insert it firmly into the slot.



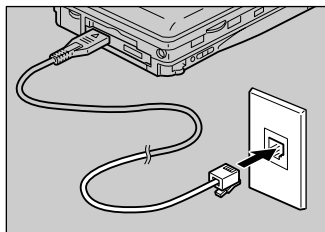
4 Insert the connection cable in the communication card.

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



5 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.



6 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.



- 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.

1 Check that the camera power is turned off.

2 Remove the connection cable from the communication card.



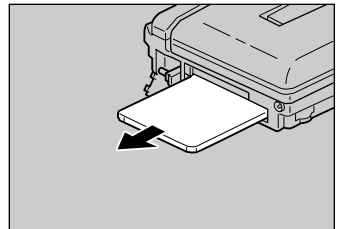
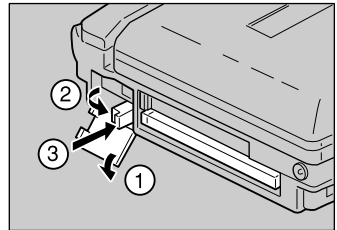
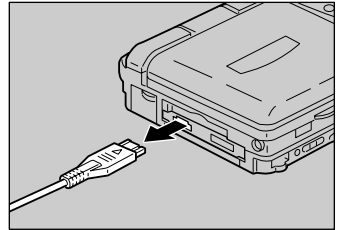
- For details of how to remove the cable, refer also to the instruction manual supplied with the communication card.

3 Open the EJECT lever cover, erect the PC card EJECT lever and push it.

The communication card will be pushed out a little way.

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

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



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



- For removing a communication card for mobile phone, perform the above steps **1**, **3**, **4** and **5**.

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.



- 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.



- For details of the AT command, refer to the instruction manual supplied with the communication card.

● 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



- 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.

① Turn the camera on and set the mode dial to [SETUP].

The Setup menu will be displayed.

② Select [MODEM SETTING].

The modem setting screen will be displayed.



③ Check the setting of each item.

Change the setting if necessary.



- P.60 “Modem Settings”



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

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



- 5 When you have finished checking the settings, select [OK].**

Checking of the settings is completed and the screen will return to the Setup menu.

Chapter 4

Sending Images After Shooting

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Image Upload Function

This section explains how to send an image using the upload function in Play mode. In this mode, you can choose the image you want to send while playing back the images. This is the mode normally used to send images.

Upload Method

There are four ways of sending images. Refer to the table below and select the method best suited to your purpose. Details of each upload method are given later.

- Note**
- Direct upload, mail upload and fax upload provide the same functions in Communication mode.
 - This chapter explains how to send images. Depending on the upload method used, you can send voice memo files and motion picture files as well as images. → P.84 “Using the Communication and Internet Functions”

	Quick Send	Direct Upload	Mail Upload	Fax Upload
Upload destination	Preset e-mail address	Server	Unspecified e-mail address	Fax
No. of images that can be sent at one time	One still image	Selected images*1	Selected images*2	One image captured in Text mode

*1 The number of images that can be sent at one time varies depending on the internal processing capacity of the camera.

*2 The number of images that can be sent at one time varies depending on the capacity of the specified mail box.

● Approximate Number of Images to be Sent

This is an example for mail upload and 2 MB of mail box size.

Size (No. of pixels)	Image quality (Compression rate)	F Fine	N Normal	E Economy
	2048	2048 × 1536	Approx. 12	Approx. 25
1024	1024 × 768	Approx. 5	Approx. 10	Approx. 21
640	640 × 480	Approx. 1	Approx. 3	Approx. 7

- Note**
- The above numbers include those of the related files.
 - When you want to increase the number of images you will send, increase the mail box size in Setup mode. → P.34 “Mail Environment Settings/Mail Box Size” Up to 30 images can be sent one at a time.

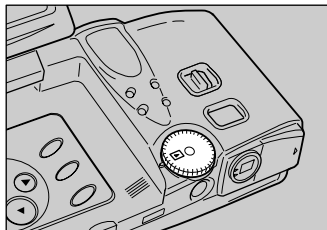


- Before sending an image, check the communication settings and make sure that the communication equipment is properly connected to the camera.
→ P.19 “Setting the Communication Function”, P.55 “Connecting Communication Equipment”

Selecting an Image

First choose the image you want to send, irrespective of whether by quick send, direct upload, mail upload or fax upload.

- 1 Set the mode dial to [▶] (Play).
- 2 Select the playback source using the **CARD/IN** button.
The last image recorded will be played.



- 3 Touch [EDIT].

- **Using the Keys**

Press the ENTER button.



The screen will switch to Edit mode.

- 4 Press the MENU button and select a folder in which images are recorded.



- “Setting the Folder” in the ‘Camera’ operation manual



5 Choose the image you want to send.

There are two ways of choosing an image.

● Single image playback display

Display the image you want to send and change the check box to .

To select more images, change the image and repeat this procedure.



● Thumbnail playback display

Switch to thumbnail playback display and change the check box to on the image to be sent. You can choose more than one image.

See • “Displaying One File at a Time” and “Displaying Several Files at Once” in the ‘Camera’ operation manual

Note • The image to be sent depends on whether you click on the check box or not, as explained below in the table.

Display	Check box	Explanation
Single	<input checked="" type="checkbox"/> When checked	The image on which the check box has been checked will be sent.
	<input type="checkbox"/> When unchecked	The image displayed on the LCD monitor will be sent.
Thumbnail	<input checked="" type="checkbox"/> When checked	The image on which the check box has been checked will be sent.
	<input type="checkbox"/> When unchecked	The image enclosed in a green thick frame will be sent.

6 Send the image.

- “Sending an Image Using Quick Send” → P.67
- “Sending an Image Directly to a Computer” → P.69
- “Sending an Image as an Attachment” → P.72
- “Sending an Image to a Fax” → P.77

7 When uploading is finished, select [EXIT].

The Edit mode will be exited and the screen will return to the normal play screen.

Sending an Image Using Quick Send

Quick send is used to send an image by mail to the same destination.



- Before using the quick send function, you must set the destination and image size in advance. → P.44 “Setting Quick Send”

1 Check that the image you want to send has been selected.



- P.65 “Selecting an Image”

2 Select [QUICK SEND].

3 Check the address and the image size and select [SEND].



- To cancel upload, select [CANCEL].



- When the file size exceeds the memory size for processing the file, error message will be displayed. Remedy it referring to the lists of troubleshooting. → P.122 “Troubleshooting”

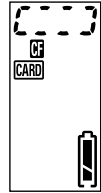
A connection to the Internet will be established and the connection status will be displayed.



- To cancel the connection, select [CANCEL].



The mark at the top of the LCD panel will rotate clockwise while the connection is established.



If there is any incoming mail, the mail will be downloaded.



When downloading is finished, the image will be sent.



When uploading is finished, the connection will be terminated automatically and the screen will return to the Edit mode.



When you have received the mail, the message will be displayed indicating that the mail has reached. Read the mail in Communication mode. → P.88 “Checking Incoming Mail (Inbox)”

- Note** • Quick send enables you to send a selected still image to a certain destination. The image is sent as an attachment. The name of the image file is automatically added to the mail titles and “Image attached” is added to the message.

Subject: RIM0001.JPG [2000/09/15 18:35]
Message: Image attached.

Sending an Image Directly to a Computer

You can use the direct upload function to send a batch of images to an office computer (server).



- Before using the direct upload function, you must make a number of settings in advance on both the camera and the receiving computer.
Camera: → P.48 “Setting Direct Upload”
Receiving Computer: → Chapter 7 “Setting the Receiving PC for Direct Upload” in the ‘Connecting to a Personal Computer’ operation manual.

Setting Upload

Choose the image you want to send and select the dial-up account.

- 1 Check that the image to be sent has been selected.



- P.65 “Selecting an Image”



- The number of the images to be sent depends on the processing capacity in the camera



- 2 Select [SEND].

The upload menu will be displayed.

- 3 Select [DIRECT UPLOAD].



- 4 Select [LIST] and choose the dial-up account.





- P.45 “Selecting a Dial-Up Account”

- 5 Select  at the bottom of the screen and display the next screen.



6 Check the image to be sent.

You can also send a keypad memo or pen memo that has been saved by the related editing or a voice memo that has been added to the image by changing  to  on [RELATED FILE].

- See** • “Adding a Memo or Voice Memo to a File” in the ‘Camera’ operation manual



Uploading an Image

Check the connection conditions and send the image.

1 Select [SEND].

2 Choose the image size.

- See** • P.46 “Setting the Image Size”

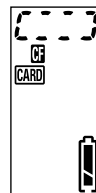


A connection will be established and the connection status will be displayed.

- Note** • To cancel the connection, select [CANCEL].



The mark at the top of the LCD panel will rotate clockwise while the connection is established.



When a connection has been successfully established, the image will be sent.



When uploading is finished, the connection will be automatically terminated and the screen will return to the Edit mode.

Sending an Image as an Attachment

You can use e-mail to send an image as an attachment.



- Before sending e-mail, you must make the mail settings in advance. → P.32 “Setting the E-Mail Function”

Setting Upload

Choose the image you want to send and compose an e-mail.

- 1 Check that the image you want to send has been selected.



- P.65 “Selecting an Image”



- The number of images that can be uploaded varies according to the internal processing capacity of the camera. → P.34



- 2 Select [SEND].

The upload menu will be displayed.

- 3 Select [E-MAIL].




- 4 Select [ADD. BOOK] and choose an address.



- P.73 “Selecting an Address Using the Address Book”



5 Select  and enter the title using the on-screen keypad.

See • “Using the On-screen Keypad” in the ‘Camera’ operation manual

6 Select  on [ATTACH] and check the image to be sent.

Note • [ITEM] allows you to change the attachment file. → P.86 “Selecting an Attachment”

7 Select  and enter a message using the on-screen keypad.

See • “Using the On-screen Keypad” in the ‘Camera’ operation manual

Note • You can also specify a template in the mail. → P.74 “Specifying a Template”

The mail is now ready.

■ Setting an Address Using the Address Book

There are two ways to set a mail address: either select an address from the address book, or enter the address directly in the appropriate item.

1 Select [ADD. BOOK] on the mail setting screen.

The address book setting screen will be displayed.

2 Specify the address.

Specify the address by one of the following methods. The address specified in [SEND] will be displayed.

● Choosing an Address from the List

Choose the address you want to specify from [ADDRESS] and select [TO].

● Entering Directly

Enter the mail address in [NEW] and select [TO].

See • “Using the On-screen Keypad” in the ‘Camera’ operation manual



- **Note** • Repeating the step ② allows you to set multiple addresses.
- You can select [CC] instead of [TO].
- To delete the address you set, select the address from [SEND TO] and select [DELETE].

③ When setting is finished, select [OK].

The address you set will be displayed on the mail setting screen (step ①).



CC

“CC” stands for carbon copy. It is used to select addresses to which you want to send the same message, in addition to the address specified in [TO].

■ Specifying a Template

You can specify a registered template in the mail.

● **See** • P.41 “Registering a Template”

① Select [TEMPLATES] on the mail setting screen.



② Edit the templates.

● Adding a Template

You can add a template to mail.

Choose the template you want to add from [TEMPLATES] and then select [ADD]. You can select more templates by repeating this procedure.



● Deleting a Template

You can delete an unwanted template.

Choose the template you want to delete from [SELECTED] and then select [DELETE].

③ Select [OK].

Editing is completed and the screen will return to the mail setting screen.

Uploading an Image

Check the connection conditions and send the image.

1 Select [SEND].

- Note** • To temporarily save a message that you are still composing, select [SAVE]. The mail will be saved as a draft without being uploaded. You can edit and send the draft later. → P.93 “Sending Mail that is Still Composed”

2 Choose the image size.

- See** • P.46 “Setting the Image Size”



3 Check the connection settings and make any necessary changes.


● Dial-Up Account

To change the dial-up account, select [DIAL LIST].


- See** • P.45 “Selecting a Dial-Up Account”




● DIAL FOR EXTERNAL CALL

Select  and enter the external call number using the on-screen keypad.

● DIAL TYPE

Select  for either [TONE] or [PULSE].

- See** • “Using the On-screen Keypad” and “Using the Radio Button ()” in the ‘Camera’ operation manual.
- P.24, P.25 “Setting a Dial-Up Account / External Call, Dial Type”



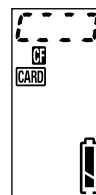
- Important Note** • If you are sending a large size image, the [DATA SIZE] will increase and it may not be accepted by the mail server, and the [SEND TIME] will be longer. In this case, select [CANCEL] to return to step 2 and set a smaller image size.

4 Select [Connect].

A connection to the Internet will be established and the connection status will be displayed.

- Note** • To cancel the connection, select [CANCEL].

The mark at the top of the LCD panel will rotate clockwise while the connection is established.



If there is any incoming mail, it will be downloaded before the image is sent.

When uploading is finished, the connection will be automatically terminated and the screen will return to the Edit mode.

- Note** • If there is any incoming mail, the "New mail arrived" message will be displayed. Switch to Communication mode to read the mail. → P.88 "Checking Incoming Mail"



Sending an Image to a Fax

You can use the fax upload function to send an image taken in Text mode to a fax.

- Note** • The fax to which you want to send an image by fax upload must conform to G3 standards.

Setting Upload

Choose the image you want to send and set the dial-up account and other upload details.

1 Check that the image you want to send has been selected.

See • P.65 “Selecting an Image”

- Note** • The image you can send at a time by fax upload is the only one displayed on the LCD monitor.
• You can only send images taken in Text mode by fax upload.

2 Select [SEND].

The upload menu will be displayed.

3 Select [FAX].

The fax setting screen will be displayed.

4 Set each item.

- “Setting an Address Using the Address Book” → P.78
- “Setting the Resolution” → P.78
- “Setting the Options” → P.79
- “Editing the Cover Sheet” → P.80



Screen displayed when [OPTIONS] is selected

■ Setting an Address Using the Address Book

There are two ways to set a fax address: either select an address from the address book, or enter the address directly in the appropriate item.

① Select [ADD. BOOK] on the fax setting screen.

The address book setup screen will be displayed.



② Specify the address.

Specify the address by one of the following methods. The address specified in [ADDRESS] will be displayed.

● Choosing an Address from the List

Choose the address you want to specify from [ADDRESS] and select [SELECT].



● Entering Directly


Enter the fax number in [NEW].

See • “Using the On-screen Keypad” in the ‘Camera’ operation manual


③ When setting is finished, select [OK].

The address you set will be displayed on the fax setting screen (step ①).

■ Setting the Resolution

Select  for either [FINE] or [NORMAL]. The factory default setting is [NORMAL].

- FINE : Select when you want clear printing of small letters
- NORMAL : Select when you want standard printing of ordinary sized letters

See • “How to Use the Radio Button ()” in the ‘Camera’ operation manual

■ Setting the Options

Set the details for uploading a fax, such as whether you want information about the sender printed (TTI) and whether you want to attach a cover sheet.

① Select [OPTIONS] on the fax setting screen.

The fax option setting screen will be displayed.



② Set each item.


● PRINT SENDER'S INFORMATION (TTI)

Set whether or not you want the sender's name printed at the top of the fax received by the recipient. Select for either [YES] or [NO].




● ITEM

You can select the information to be printed. Select on [NAME], [COMPANY] or [INPUT].

- NAME : The sender's name will be printed from owner information
- COMPANY : The company name will be printed from owner information
- INPUT : The name that is input will be printed. Select  and enter the name using the on-screen keypad.

● Cover Sheet

Set whether you want to have a cover sheet attached or not. Select for either [YES] or [NO]. If you select [YES], select [EDIT] and edit the cover sheet. → P.80 "Editing the Cover Sheet"

 • "Using the On-screen Keypad" and "Using the Radio Button ()" in the 'Camera' operation manual.

③ Select [OK].

Setting is completed and the screen returns to the upload setup screen.

■ Editing the Cover Sheet

The cover sheet is the cover that is uploaded first when you send a fax. You can write a message freehand or draw a diagram on the cover sheet.

① Select [EDIT] on the fax option setting screen.

The cover sheet editing screen will be displayed.







② Write a message or draw a diagram using the tools.

There are four types of tools for editing the cover sheet.

- See** • “Using the Tool Palette” in the ‘Camera’ operation manual.



-  Pen : For writing or drawing diagrams freehand
-  Erase : For erasing messages or diagrams that have been written or drawn
-  Erase All : For erasing all messages or diagrams that have been written or drawn
-  Select Width of Line : For changing the thickness of the pen

③ Select [SAVE].

The confirmation message will be displayed.

The edited cover sheet is saved and the screen returns to the fax option setting screen (step ①).

- Note**
- To cancel editing of the cover sheet and return to the screen in step ①, select [CANCEL].
 - Only one cover sheet can be saved.
 - The created cover sheet will only be saved while you are using the fax function. By moving to the other communication function, you will lose the cover sheet.
 - The cover sheet will be kept in the memory unless you quit the fax function and choose the other communication function, if the communication error, etc. occurred.


Sending an Image

Check the connection conditions and send the image.


1 Select [OK].


2 Check the connection settings and make any necessary changes.

● DIAL FOR EXTERNAL CALL

Select  and enter the external call number using the on-screen keypad.

● DIAL TYPE

Select  for either [TONE] or [PULSE].

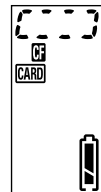
- See**
- “Using the On-screen Keypad” and “Using the Radio Button ()” in the ‘Camera’ operation manual
 - P.24, P.25 “Setting a Dial-Up Account / External Call, Dial Type”

3 Select [SEND].

A connection will be established and the connection status will be displayed.

- Note**
- To cancel the connection, select [CANCEL].

The mark at the top of the LCD panel will rotate clockwise while the connection is established.



When the connection has been successfully established, the image will be sent.



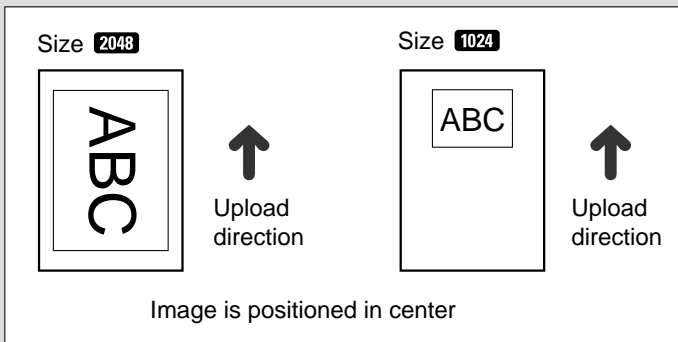
When uploading is finished, the connection will be automatically terminated and the screen will return to the Edit mode.

- Note** • You can check the uploading result by the list of sent faxes. → P.100 “Checking the Fax List”



Uploaded Image

The uploaded image will be printed as shown below according to the image size. Only one image can be printed per page and only in A4 size.



Chapter 5

Using the Communication and Internet Functions

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Using the Communication and Internet Functions

The various functions that are available in Communication mode include not only direct upload, mail upload and fax upload, but receiving mail and viewing the Web page. This section explains how to use these functions.

Types of Functions

There are five types of communication and Internet functions, as shown below. Refer to the table below to choose the function best suited to your purpose. Details of each function are given later.

Function	Internet			Communication	
	E-Mail	Web	FTP Upload	Direct Upload	Fax Upload
Type of Function	Upload/Download	Browsing the Web	Upload	Upload	Upload
Files that can be sent	Still image file Text file Voice memo file Motion picture file Related file*1	—	HTML file*2 + embedded image file	Still image file Text file Voice memo file Motion picture file Related file*1	Text file

*1 Refers to keypad memo (.TXT), pen memo (.TIF) and voice memo (.WAV) files.

*2 Refers to the HTML file created by this camera



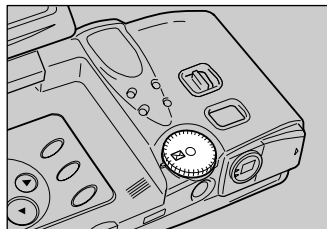
- Before using the various functions, check that the communication settings have been made and that the communication equipment is correctly connected to the camera.
→ P.19 “Setting the Communication Function” and P.55 “Connecting Communication Equipment”

Using E-Mail

This section explains how to upload and download e-mail.

Displaying the Mail Menu

- 1 Set the mode dial to [✉] (Communication mode).



The communication menu will be displayed.

- 2 Select [E-MAIL].



The mail menu will be displayed.

Choose a function from this menu and upload or download mail. Details are given in the next section.

- “Composing Mail” → P.86
- “Sending Mail” → P.87
- “Checking Incoming Mail” → P.88
- “Replying to and Forwarding Mail” → P.91
- “Resending Mail Waiting to be Sent” → P.92
- “Sending Mail that is Still Composed” → P.93



Composing Mail


You can compose new messages.


1 Select [SEND] on the mail menu.

The mail setting screen will be displayed.

2 Select [ADD. BOOK] and choose an address.

See • P.73 “Selecting an Address Using the Address Book”

3 Select  and enter the title using the on-screen keypad.

4 Select  and enter the message using the on-screen keypad.

See • “Using the On-screen Keypad” in the ‘Camera’ operation manual.

Note • You can also insert a template into the mail or send a file with an attachment. → P.74 “Specifying a Template”, “Selecting an Attachment” (See below)

- When you switch the mode dial during composing a mail, it will be saved automatically as a draft, which can be edited or sent later. → P.93 “Sending Mail that is Still Composed”


Composing is now completed.



■ Selecting an Attachment

Select the file to be uploaded when sending an image file as an attachment.

1 Select [ITEM] on the mail setting screen.

2 Using the  button, select the storage memory (CF CARD, PC CARD or IN) having the file to be attached.


The storage memory specified in [LOCATION] will be displayed.



3 Select the file to be attached.

The selected file will be displayed in [ITEM].

● Adding an Attachment

Select  on [FOLDER] and from the list choose the folder in which the file you want to choose is stored. Choose the file you want to add from [FILE] and then select [ADD]. You can select more files by repeating this procedure.

● Deleting an Attachment

Choose the file you want to delete from [ITEM] and then select [DELETE].

Note • If you choose a file by [FILE], the thumbnail display will be displayed on the right side. Check the thumbnail display when adding a file.

See • P.64 “Approximate Number of Images to be Sent”

4 Select [OK].

Setting is completed and the screen returns to the original screen.

Sending Mail

This function enables you to send the message you have composed. Before uploading the mail, check once more for mistakes in the address or message.

1 Select [SEND] on the menu screen.

Note • Select [SAVE] to temporarily save a message that you are still composing. The mail will be saved as a draft without being sent. You can edit the draft and send it later. → P.93 “Sending Mail that is Still Composed”

2 Choose the image size.

See • P.46 “Setting the Image Size”

Note • This screen will only be displayed when a still image file (.JPG) is attached.



Important Note • When the file size exceeds the memory size for processing the file, error message will be displayed. Remedy it referring to the list of troubleshooting. → P.122 “Troubleshooting”

3 If necessary, change the setting and select [Connect].

See • P.75 “Uploading an Image”



A connection will be established to the Internet and the mail will be sent.

Note • If there is any incoming mail, it will be downloaded automatically.
→ “Checking Incoming Mail” (See below)



When uploading and downloading are finished, the connection will be terminated automatically and the screen will return to the mail menu.

Note • Outgoing mail is saved in the outbox. You can send this mail again if you wish. → P.92 “Resending Mail Waiting to be Sent”
• Mail which failed to be sent will be saved in the outbox. You can send this mail later.
→ P.92 “Resending Mail Waiting to be Sent”

Checking Incoming Mail (Inbox)

This section explains how to download mail and check incoming mail.

■ Checking Incoming Mail

Normally any incoming mail is automatically downloaded when mail is uploaded. This function enables you to check any mail that has been downloaded.

1 Select [Inbox] on the mail menu.

2 Check the incoming mail from the list of received mail.

● **Unread mail**


Unread mail is indicated in red.

● **Read Mail**

Mail that has already been read is indicated in black.





● Mail with an Attachment

Mail with an attachment is indicated by the  mark.

- Note** • To delete mail, choose the message you want to erase from the [MAIL LIST] and select [DELETE].

③ Choose the mail you want to check from the mail list and select [OPEN].

The message will be displayed.

Check the message using  and  on the right of the text.

- Note** • When you receive the HTML file, a part of the mail message may be downloaded as an attachment.
- If you select [SAVE ADD.], the sender's address will be registered automatically in the address book.
 - You can delete mail while it is displayed by selecting [DELETE].



■ Checking Mail After Downloading

This function enables you to download mail.

① Select [Inbox] on the mail menu.

② Select [RECEIVE] from the list of received mail.



③ Confirm the connection settings and select [CONNECT].

- See** • P.75 "Uploading an Image"

The mail will be downloaded.

When downloading is finished, the screen will return to the list of received mail.



Check the incoming mail in the same way as in steps ② and ③ for "Checking Incoming Mail" (P.88).

■ Saving Attachment Files

When you received a mail which has an attachment file such as an image file, this function enables you to save the attachment file to the storage memory (internal memory, CF card, PC card) of the camera. The saved file can be checked in Play mode.

1 Display the received mail.

The content of the mail will be displayed.

See • P.88 “Checking Incoming Mail”

2 Select [Save].

3 Select the storage memory (CF CARD, PC CARD, IN).

See • “How to Use the Radio Button ()” in the ‘Camera’ operation manual.

4 Select [OK].

The attachment file will be saved and the screen will return to the screen of step 1.

- Note** • The file name of the attachment will automatically be changed to the name shown in the “AFTER RENAME” field (example: RIMG001). The file will be saved in the “SAVE FOLDER” folder (example: 101DOWNL).
- The related file will be saved separately.
 - For information on the file types that can be played back, refer to “Files Playable on the Camera” in the ‘Camera’ operation manual.



■ Accessing Web Page from Received Mail

When the received mail has a URL which indicates the Web address, you can access the address by clicking the URL with the pen. The Web browser will be launched automatically and the address will be accessed. This function is called clickable URL.

See • P.106 “URL”

1 Display the received mail.

The contents of the mail will be displayed.

Note • P.88 “Checking Incoming Mail”



2 Touch the URL in the mail with the pen.

The URL you can click on will be displayed in the different color with the contents of the mail.

3 Select [OK].

The mail function will finish and the Web browser will start.

See • P.101 “Viewing the Web Page”

Select [CANCEL] to return to the screen of step 1.



Replying to and Forwarding Mail

This section explains how to reply to or forward mail that you have received.

1 Display the incoming mail.

The mail will be displayed.

See • P.88 “Checking Incoming Mail”

2 Select [REPLY].

The sub-menu will be displayed.

3 Select the reply method.

● **REPLY**

A reply will be sent only to the person who sent the mail.

● **REPLY ALL**

A reply will be sent to the person who sent the mail and all persons specified in CC:.

● **FORWARD**

The mail will be forwarded to the specified address.





Reply and Forward

Reply is used when you want to reply to someone who sent you a message. The form generally used is adding comments to the downloaded message.

Forward is used when you want to send a received message as it is to someone other than the person who sent it. You can also add comments to received mail.

New mail is displayed. The sentences in the original mail are displayed with a [>] mark in [MESSAGE]. The address is added automatically when a reply is sent.



- ④ If necessary, change the title or message.
- ⑤ Select [SEND] and send the mail.

See • P.87 “Sending Mail”

Resending Mail Waiting to be Sent (Outbox)

Mail that is waiting to be sent and mail that has already been sent are saved in the outbox. This section explains how to send mail that is waiting to be sent.

- ① Select [SENT MESSAGES] on the mail menu.

The list of sent mail will be displayed.


- **Mail that is waiting to be sent**

This mail is indicated in red.

- **Mail that has already been sent**

This mail is indicated in black.

- **Mail with an attachment**

This mail is indicated by the  mark.



Note • You can delete mail by choosing the mail you want to erase from [MAIL LIST] and selecting [DELETE].

- 2 Select the mail you want to send from [MAIL LIST] and select [OPEN].

The message will be displayed.

- 3 Select [RESEND].

The screen will change to the resend screen.

- Note** • You can delete mail while it is displayed by selecting [DELETE].

- 4 Check the content of the mail, and if necessary, change the title or the message.

- 5 Select [SEND] to send the mail.

- See** • P.87 “Sending Mail”

- Note** • You can resend mail that has already been sent by the same procedure.



Sending Mail that is Still Composed (Draft Mail)

Mail that is still being composed can be saved as a draft. This section explains how to display and send draft mail.

- 1 Select [DRAFTS] from the mail menu.

The draft list will be displayed.

- 2 Choose the mail you want to send from [DRAFT LIST] and select [OPEN].

The mail will be displayed.

- Note** • You can delete mail by choosing the mail you want to erase from [DRAFT LIST] and selecting [DELETE].



3 Check the content of the mail and select [SEND].

- Note** • You can delete mail while it is displayed by selecting [DELETE].

4 If necessary, change the title or the message.

5 Select [SEND] again to send the message.

- See** • P.87 “Sending Mail”

When the mail has been sent, it is erased from DRAFT and saved in the outbox.



Using Direct Upload

This section explains how to send a file to a server using the direct upload function.



- Before using the direct upload function, you must make a number of settings in advance on the receiving computer, and the computer must be in standby status. → “Setting the Receiving Computer for Direct Upload” in the ‘Connecting to a Personal Computer’ operation manual

Setting Upload

You can send a file to a server. The procedure differs from that for direct upload in (play) mode in respect of choosing a file to upload.

1 Set the mode dial to [✉].

The communication menu will be displayed.

2 Select [DIRECT UPLOAD].

The telephone number and destination server of the selected dial-up account will be displayed.



3 Select [LIST] and choose a dial-up account.

• P.45 “Selecting a Dial-Up Account”



4 Select at the bottom of the screen and display the next screen.

5 Choose a file to upload.

- “Selecting a File to Upload” → P.96

If you change to on [RELATED FILE], you can include a keypad memo or voice memo added to the image file.



• “Adding a Memo or Voice Memo to a File” in the ‘Camera’ operation manual.

■ Selecting a File to Upload

Choose the file to be sent by direct upload.

① Select **[SELECT FILE]** on the direct upload setting screen.


② Choose the storage memory (CF CARD, PC CARD or IN) using the **[CARD/IN]** button.

The storage memory specified in **[LOCATION]** will be displayed.



③ Choose the file to be uploaded.


● Adding a File for Uploading

Select  on **[FOLDER]** and from the list choose the folder in which the selected file is saved. Choose the file you want to add from **[FILE]** and then select **[ADD]**. You can select more files by repeating this procedure.



● Deleting a File for Uploading

Choose the file you want to delete from **[ITEM]** and then select **[DELETE]**.

 • When you choose a file by **[FILE]**, a thumbnail display will be displayed on the right. Check the thumbnail display when adding files.

④ Select **[OK]**.

Setting is now finished and the screen will return to the original screen.

Uploading a File

Check the connection conditions and upload the file.

① Select [SEND].

② Choose the image size.

See • P.46 “Setting the Image Size”

Note • The image is only displayed when an image file is attached.



A connection will be established and the file will be sent.

When uploading is finished, the connection will be automatically terminated and the screen will return to the communication menu.


See • P.70 “Uploading an Image”



Using Fax Upload

This section explains how to send an image file to a fax.

Setting Upload

You can send an image file to a fax. The procedure differs from that for fax upload in  (play) mode in respect of selecting a file to be uploaded.

1 Set the mode dial to [✉].

The communication menu will be displayed.

2 Select [FAX].

The fax menu will be displayed.



3 Select [SEND FAX].

The fax setting screen will be displayed.



4 Set each item.

- P.99 "Selecting an Image to Send"

The following settings are the same as the settings for fax upload in play mode.

- "Setting an Address Using the Address Book" → P.78
- "Setting the Resolution" → P.78
- "Setting the Options" → P.79
- "Editing the Cover Sheet" → P.80



Screen displayed when [OPTIONS] is selected

■ Selecting an Image to Send

Select the image file to be sent by fax.

- 1 Select [SELECT] on the fax setting screen.




- 2 Choose the storage memory (CF CARD, PC CARD or IN) using the [CARD]/[IN] button.

The storage memory specified in [LOCATION] will be displayed.



- 3 Choose the file to be sent.

Select  on [FOLDER] and from the list choose the folder in which the file you want to select is saved. Choose the file you want to send from [FILE] and select [SELECT].

- 4 Select [OK].

Setting is now finished and the screen returns to the fax setting screen.

Sending a File

Check the connection conditions and send the file.

- 1 Select [OK].



- 2 If necessary, change the settings and select [SEND].

See • P.81 “Sending an Image”



A connection will be established and the file will be sent.

When uploading is finished, the connection will be automatically terminated and the screen will return to the fax menu.



Checking the Fax List

This section explains how to check the record of sent files.

- 1 Select [LIST OF SENT FAXES] on the fax menu.

The list of sent faxes will be displayed.



- 2 Select  or  on the right of the list and check the list.

The date, destination fax number, number of faxes sent and result will be displayed on the list.



- 3 When you have finished checking the list, select [EXIT].

The screen will return to the fax menu.

- 4 Select [EXIT].

The screen will return to the communication menu.

Viewing the Web Page

This section explains how to view the Web page on the Internet.

Opening the Web Browser Screen

This function enables you to open the Web browser screen used to view a Web page.

1 Set the mode dial to [✉].

The communication menu will be displayed.

2 Select [WEB].




3 If necessary, change the connection settings and select [CONNECT].

● **DIAL-UP ACCOUNT**


Select [DIAL LIST] to change the dial-up account.


See • P.45 “Selecting a Dial-Up Account”

● **DIAL FOR EXTERNAL CALL**

Select  and enter the external call number using the on-screen keypad.

● **DIAL TYPE**

Select  for either [TONE] or [PULSE].

- See** • “Using the On-screen Keypad” and “Using the Radio Button ()” in the ‘Camera’ operation manual
- P.24, P.25 “Setting a Dial-Up Account / External Call, Dial Type”

An Internet connection will be established.



A connection will be established and the Web browser screen will be displayed.

- Note** • When the URL of homepage is set for the Web Environment, the specified homepage will be displayed. → P.50 “Setting the Web Environment”



Operations on the Web Browser Screen

You can perform various operations with the pen on the Web browser screen.

● Touching a Tool Button

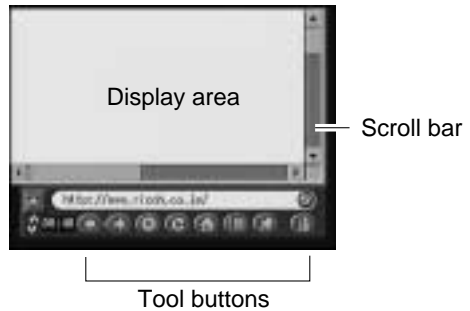
Select a function by touching the tool button with the pen.

● Touching the Display Area

Using the pen, touch the link (→ P.106) on the Web page shown in the display area.

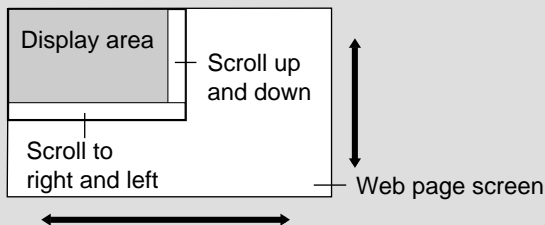
● Touching the Scroll Bar

Touch the scroll bar with the pen to move the screen display up and down, left and right.



Scroll

Part of the Web page is displayed in the display area. You can change the display using the scroll bar on the right and bottom of the screen to see the hidden part of the page.



Using the Tool Buttons

The Web browser screen is provided with an address input area and tool buttons to use when viewing a Web page. This section explains the function of the tool buttons. A more detailed explanation is given later.

■ Address Input Area and Tool Buttons



(Address input area)

Enter the Web page address



(Display) : The tools are displayed.

(No display) : The tools are hidden.



(Return) : Returns to the previous page.



(Forward) : Proceeds to the next page.



(Stop) : Stops display (reading of data) of the page. Stopping the display does not terminate the connection.



(Reload) : Once more reads the data of the page displayed and updates the information.



(Home) : Displays the page first displayed (homepage) when the Internet connection is established.



(History) : Displays a record of the Web pages displayed in the past.





(Bookmark) : Registers the address of the page currently displayed (favorite pages).



(Quit) : If selected during communication, terminates the connection. If selected when there is no connection, exits the Web browser and returns to the communication menu.

■ Icons and Marks Showing Communication Status

The  mark at the bottom left of the Web browser screen and the  mark on the LCD panel change depending on the status.

● Web Browser Screen



(connected) : Shows that a connection has been established to the Internet.



(unconnected) : Shows that the connection to the Internet has been terminated.

● LCD panel





: Flashes while the connection to the Internet has been established via the modem.
Disappears when the connection to the Internet is terminated.

Displaying / Hiding the Tools

The tools are not displayed immediately after opening the Web browser screen. This section explains how to display and hide the tools.

1 Select with the pen.

The tools will be displayed at the bottom of the screen and  will change to .



2 Select with the pen.

The tools will be hidden.



- Tapping the display area hides the tools automatically.
- When the tools are hidden, the display area is larger.



Viewing a Web Page

To display a Web page, enter the address (URL).

■ Displaying a Web page

1 Select in the address input area.

The on-screen keypad for entering letters and numerals will be displayed. [http://] will be automatically displayed in the input area.

2 Enter the address after [http://] and select [ENTER].

(Ex : www.ricoh.com)



“Using the On-screen Keypad” in the ‘Camera’ operation manual




- Enter the address in letters and numerals, distinguishing between uppercase and lowercase letters.

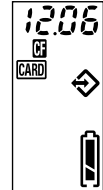





The specified Web page will be displayed.

- Note**
- You can display the area not visible by tapping the scroll bar on the left or at the bottom of the screen with the pen.



The  mark on the LCD panel continues to flash while the Web page data is being downloaded.





- Note**
- The  mark at the bottom left of the screen changes to  (connected) while the connection is established and the connection time is also displayed next to the  mark.



3 Tap the link with the pen.

The color of the link letters may be different or they may be underlined.

You can now view the Web page as will.

- Note**
- You can stop display of the page (reading of the data) by selecting  (stop)
 - If you select  (Reload), the data for the page displayed will be loaded again and the information updated.



URL

URL stands for Uniform Resource Locator and is similar to an address showing where a Web page is located.

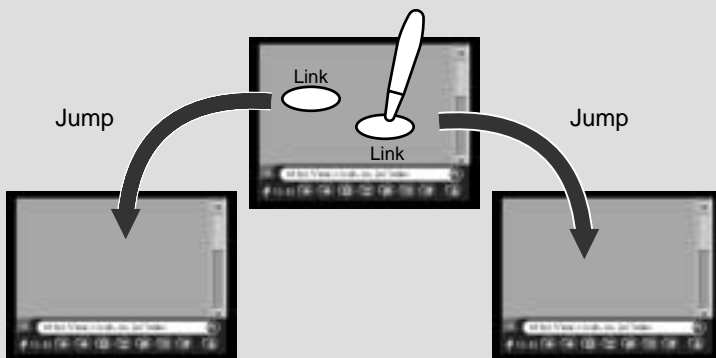
Ex : <http://www.testnet.com/index.html>

Protocol name Sub domain name Domain name File name


The domain name is the name of an organization and is generally the name of the provider. “www.” is not always required.

Link

You can jump to the Web page by touching the letters, image or button providing the link on the Web page with the pen.



■ Quitting the Web Browser



① Select  with the pen to display the tool buttons.

② Select  with the pen.

The message will be displayed indicating that the connection to the Internet has been terminated.



③ Select [OK].

Reading of the data is canceled and the connection to the Internet is terminated. At this time,  at the bottom left of the screen changes to  (unconnected).

The Web browser is exited and the screen returns to the communication menu.

Moving a Page

You can move to a page without entering the address. For example, you can return to the page before the one now displayed, or you can proceed to the next page once the page was displayed.

- **To return to the page that was displayed immediately before**


Select  (return).

- **To advance to the page after the one now displayed**

Select  (forward).





- **To return to the homepage**

Select  (Home). The homepage referred to here is the page first displayed when the connection to the Internet is established. You can change this homepage. → P.50 "Setting the Web Environment"

Registering Favorites

You can register (insert a bookmark in) your favorite Web pages frequently visited on the Web browser. The next time you visit the Web, you can display a favorite page simply by selecting the registered address.

- 1 **Display the Web page you want to register.**
- 2 **Select  with the pen to display the tool buttons.**
- 3 **Select  (Bookmark).**



4 Register the page.

● Registering a page

Add the address of the Web page currently displayed to [LIST].

Check the [CURRENT URL] title and select [ADD]. You can register more addresses by repeating steps 1 through 4.



● Deleting a registered page

Delete unwanted pages.

Choose the title you want to delete from [LIST] and select [DELETE].

- Note** • You can change the title of a registered page by selecting [CHANGE TITLE].

5 Select [EXIT].

Registering is completed and the screen will return to the Web browser screen.

Viewing a Web page Using the Bookmark or History

You can display a Web page using  (Bookmark) or  (History).

■ Using the Bookmark

You can display a registered Web page using the bookmark.

1 Select (Bookmark).


2 Choose the title of the Web page you wish to see from [LIST] and then select [JUMP].

The screen will return to the Web browser and the specified Web page will be displayed.



■ Using the History

The addresses of Web pages you have visited up to now have been recorded as a history. You can display the Web page you want to see by using this history.

① Select  with the pen to display the tool buttons

② Select  (History).

③ Choose the address of the Web page you want to see from the record list and then select [JUMP].

The screen will return to the Web browser and the specified Web page will be displayed.



Capturing a Web Page

This function enables you to capture the Web page currently displayed as a still image and display the captured image in Play mode.

① Display the Web page you want to capture.

② Press the shutter release button.

The section shown in the display area will be captured including the tool buttons.



- Note**
- The image will be saved in the storage memory (CF CARD, PC CARD or IN) which you can check on the LCD panel.
 - The file format for the captured image is still image file / non-compressed file (.TIF).

Uploading an HTML File

This section explains how to create the HTML file and upload it to the home page. Follow the following procedure.

Sending the HTML Template from a PC to the Camera

Import the HTML templates in the CD-ROM supplied to the camera.

- **See** • P.112 “Transferring the HTML Template Files from a PC to the Camera”



Creating/Saving the HTML File

Use the HTML templates in the camera to create and save the HTML file.

- **See** • P.114 “Creating an HTML File”

Uploading the HTML File

Upload the created HTML file

- **See** • P.116 “Setting Upload”
- P.117 “Uploading an HTML File”

Checking the Uploaded HTML File on a PC

Check the uploaded HTML file with the Web browser installed in the camera.

- **See** • P.101 “Viewing the Web Page”

When you want to check the HTML templates and send them to the camera

Browsing the HTML Templates on a PC

By using the computer, you can check the HTML templates saved in the internal memory of the camera.

- **See** • P.117 “Displaying the List of the HTML Template Files”
- P.119 “Checking the HTML Template Files”
- P.120 “Deleting the HTML Template Files”



HTML Template

By creating the HTML template file, you can upload the recorded images to the Web page. Create the HTML file from the HTML template file.

The following HTML templates with no images embedded are included in the CD-ROM provided with this camera. You can transfer these template files to the camera and create the HTML files.



Example using template 1



Example using template 2



Creating/Using a New Template File

The HTML template files are included in the CD-ROM supplied. However, you can create a new template file and edit it as well.

When creating a new HTML template file or editing the current template, you need to understand the Hypertext Markup Language (HTML) with which the Web page will be created.

Use the HTML-authoring software to improve the efficiency of editing the HTML files.

Read the Readme file found in [html] folder in [Templates] folder included the CD-ROM to know how to create the HTML file and understand the special commands.

Follow the procedure on page 112, "Transferring the HTML Template Files From a PC to the Camera" to create the HTML template files and transfer them to the camera.

Transferring the HTML Template Files from a PC to the Camera

This function allows you to read the HTML template files supplied with the CD-ROM and transfer them to the camera.

- 1 Check that the camera and PC are properly connected, that the camera and the PC are turned on, and that the camera's mode dial is set to [↖].

- Configure the PC to use the HTML template files on a PC. Instructions for using the PC with the HTML template files are given in Chapter 1 "Getting Started" in 'Connecting to a Personal Computer' operation manual.

- 2 Insert the CD-ROM into the CD-ROM drive of the PC.

- 3 Start up the browser by the PC, input the IP address and display the camera's homepage.

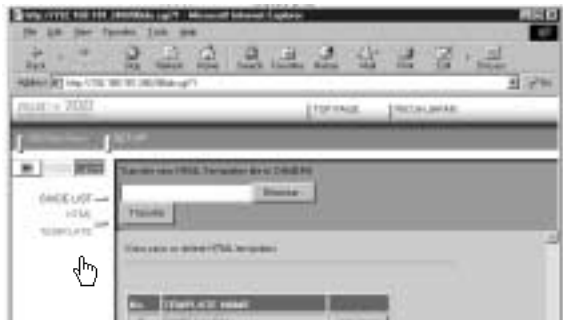
- See • "Opening the Camera's Homepage on the Browser" in the 'Connecting to a Personal Computer' operation manual

- 4 Click on [JOB NAVI. FUNC. SETTINGS].



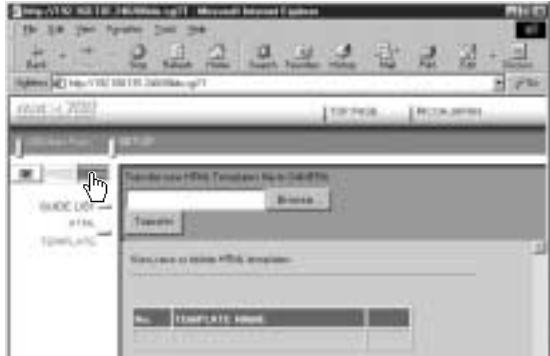
- 5 Click on [HTML TEMPLATE].

The list of the HTML templates will be displayed.



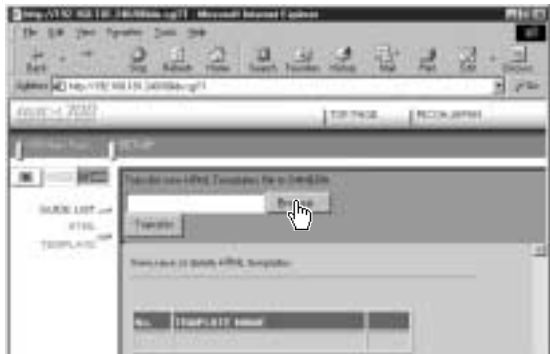
6 Choose the storage media.

Click on [IN], [CFCARD] or [PCCARD].



- The HTML template files must be saved in the same storage memory with the pasted images. Be sure to select the storage memory (internal memory, CF card, PC card) where the images to be pasted are saved.

7 Click on [Browse...].



The dialog box will be displayed to select the HTML template file.

8 Specify the folder including the files you want to paste and select the file and click on [Open].

The HTML template files are found in the [Html] folder in the [Template] folder of the CD-ROM supplied.

9 Click on [Transfer].



The selected HTML template file will be transferred to the camera.

Creating an HTML File

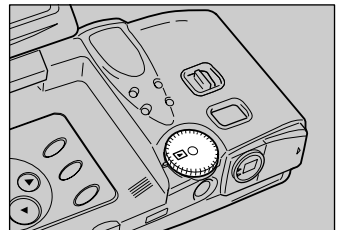
This function involves embedding a recorded image file in a pre-prepared HTML template. The selected file and automatically created HTML file can be uploaded directly to the Web page.



- The HTML template files must be saved in the same storage memory with the embedded images.

1 Set the mode dial to [▶].


2 With the **[CARD/IN] button select the storage memory (CF CARD, PC CARD or IN) where the HTML template files and the images are being saved.**



3 Select [EDIT].



● **Using the Buttons**

Press the ENTER button.


- 4 Display the image file you wish to embed in the HTML file and change to .

To continue selecting files, repeat step 2.

● **Thumbnail Playback Display**

Change the check box  to  on the file.

You can select more than one file.

- Note** • When the check box  is not checked, the image displayed during single image playback display will be sent, or the image selected during the thumbnail playback display will be sent.

- 5 Press the **J** button.

- 6 Select [HTML FILE CREATION] and then select [OK].



- 7 Select the HTML template in which the image will be embedded and select [OK].



- 8 Select the HTML file, and then select [OK].

The selected image will be embedded in the HTML template and the HTML file will be created automatically. After the HTML file has been created, the display will return to the Edit mode.



Setting Upload

Upload the HTML file to the server where the Web page is saved.

- 1 Check that the communication settings are correctly made and the communication device is correctly connected.

Note • P.19 “Setting the Communication Functions”, P.55 “Connecting Communication Equipment”

- 2 Set the mode dial to [☒].
The communication menu will be displayed.

- 3 Select [FTP UPLOAD].



- 4 Select [DIAL-UP] and choose a dial-up account.

See • P.45 “Selecting a Dial-Up Account”

- 5 Using the [CARD/IN] button select the storage memory (CF CARD, PC CARD or IN) where the HTML file is saved.

The recording source specified in [LOCATION] will be displayed.



- 6 Select [📁] on [FTP FILE] and select the file to upload.

Only one file can be selected.

Note • When a Guide List is created and images are recorded, an xxxRLIST folder (e.g. 101RLIST, 102RLIST) is created for each series of images. The folder with highest number is the newest folder.

Uploading an HTML File

Check the connection conditions and upload the file.

1 Select [SEND].

A connection will be established and the HTML file and the embedded images will be uploaded.

When uploading is finished, the connection can be automatically terminated and the screen will return to the Communication menu.



- Note** • When uploading has been completed normally, new mail for which the URL (address showing the location of the file) has been recorded will be composed and saved as a draft. To check this mail, see “Sending Mail that is Still Composed” (P.93).

Subject: FTP Upload xxx.HTM
Message: (URL for FTP upload)

- You can check the uploaded HTML file using the camera's Web browser or a PC browser. → P.101 “Viewing the Web Page”

Viewing the HTML Templates on a PC

This section explains how to display the list of the HTML templates on a PC and how to delete them.

■ Displaying the List of the HTML Template Files

You can display the list of the HTML template files stored in the internal memory of the camera.

1 Check that the camera and PC are properly connected, that the camera and the PC are turned on, and that the camera's mode dial is set to [↗].

- Note** • For information on how to connect the camera to a personal computer, see Chapter 1 “Getting Started” in ‘Connecting to a Personal Computer’ operation manual.

2 Start up the browser by the PC, input the IP address and display the camera's homepage.

- See** • “Opening the Camera Homepage on the Browser” in the ‘Connecting to a Personal Computer’ operation manual

3 Click on [JOB NAVI. FUNC. SETTINGS].

The recording list will be displayed.



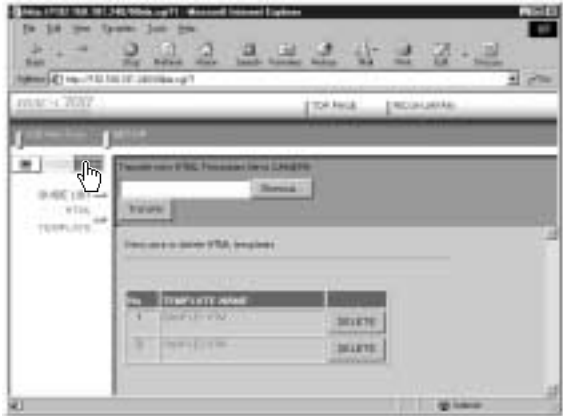
4 Click on [HTML TEMPLATE].

The list of the HTML templates stored in the internal memory of the camera will be displayed.



- ⑤ If you want to display the HTML template files stored in CF card or in PC card, click on [CF CARD] or [PC CARD].

The list of the HTML template files in the selected memory will be displayed.



Instructions for selecting the functions on this window are given in the following pages.

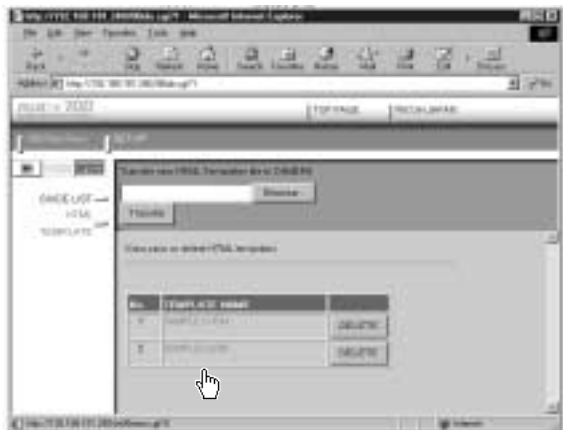
■ Checking the HTML Template Files

You can check the HTML template files stored in the storage memory.

- ① Display the list of the HTML template files you want to check.

See • P.117 “Displaying the List of the HTML Template Files”

- ② Click on the name of the HTML template file you want to check.



The contents of the template file will be displayed.



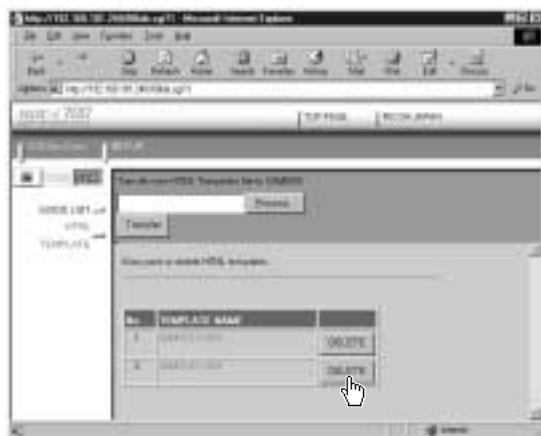
■ Deleting the HTML Template Files

You can delete the HTML template files stored in the storage memory.

① Display the list of the template files you want to delete.

See • P.117 “Displaying the List of the HTML Template Files”

② Click on [DELETE] for the HTML template file you want to delete.



The deletion confirmation message will be displayed.

Click [OK].

The HTML template file will be deleted.

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Troubleshooting

In the case of misoperation or when processing cannot be performed due to some problem, an error message will be displayed. This section explains the causes of problems and how to remedy them.

■ On-screen keypad

Error Message	Cause and Remedy	Page
Cannot enter any more characters.	Exceeded maximum number of characters to be entered. Reduce number of characters.	—

■ Communication Settings

Error Message	Cause and Remedy	Page
Address Book FULL	Address book registration limit exceeded. Delete unwanted addresses and re-register.	P.40
Too long address name	Mail address is too long to register. Re-register with fewer letters.	P.37
Insufficient memory to save	Not enough available memory to register any more addresses. Delete unwanted addresses and re-register.	P.40
TEL NO must be entered.	Telephone number has not been input in dial-up setting. Be sure to enter telephone number essential for dial-up setting.	P.24

■ Dial-up IP connection

Error Message	Cause and Remedy	Page
Authentication failed	Dial-up setting is incorrect. Check user name (PPP account) and password and reset.	P.24
No response from communication card	Communication card has not been recognized. Check communication card setting (modem setting). If message still appears, remove communication card and reinsert it.	P.59 P.60
Line off or AT command ERROR	Communication cable has not been connected to communication card. Connect cable correctly.	P.56
	AT command is incorrect in modem setting. Reset it.	P.56
Line busy	Dial-up destination is busy. Wait for a while and establish connection again.	—
No carrier. Remote system is not data-terminal (MODEM)	Dial-up destination has no data terminal (modem) for communication. Check telephone number of destination and reset dial-up account.	P.24
No answer	There is no response from dial-up destination. Check telephone number of destination and reset dial-up account.	P.24
Disconnect from remote terminal	Connection has been terminated by dial-up destination. When you are in the middle of communicating, check if cable has been removed or not.	P.56

Error Message	Cause and Remedy	Page
Disconnect from PPP server	Connection has been terminated by terminal (PPP server) of dial-up destination. Wait for a while and establish connection again.	—

■ Network Environment

Error Message	Cause and Remedy	Page
Cannot detect IP address.	IP address is incorrect and can not be obtained from DHCP server in network. Enter correct IP address in [Network] in SETUP mode and retry operation.	See 'Connecting to a Personal Computer' operation manual

■ Quick Send/Mail/Web

Error Message	Cause and Remedy	Page
Setting ERROR in SMTP server address	Mail environment setting is incorrect. Check address of outgoing mail server and reset.	P.32
Setting ERROR in POP3 server address	Mail environment setting is incorrect. Check address of incoming mail server and reset.	P.32
No Mail setting	Mail settings have not been made or are incorrect. Reset.	P.32
Mail handling ERROR	Error in internal mail processing. Perform operation again. If problem persists, switch off power and perform operation again.	—
Mail processing ERROR		
Illegal input	Invalid letters have been entered.	P.32
No communication card	Communication card has not been inserted. Insert it to card slot.	P.56
Enter user name and password	Web page which needs authentication was accessed. Enter user name (PPP account) and password.	—
Cannot connect.	Connection to mail server (POP/SMTP) failed. Check mail environment setting.	P.32
Setting ERROR either in user name or password	Mail environment setting is incorrect. Check POP account and POP password and reset.	P.32
No file	File was deleted when mail was read. Make a backup file of the necessary files saved in the internal memory and then format the internal memory.	'Camera' operation manual
NO FILE. Confirm selected file.	Selected file cannot be displayed. Retry operation. If message still appears, storage memory is damaged. Make a backup file and format media.	'Camera' operation manual
File I/O error	Mail cannot be displayed or saved. Make a backup file of the necessary files saved in the internal memory and then format the internal memory.	'Camera' operation manual
Mail Boxes FULL	Message storage capacity exceeded and no more mail can be downloaded. Delete unwanted mail in sent mails, received mails and draft mails, and download mail.	P.88 P.92 P.93

■ Quick Send/Mail Web (continued from P.123)

Error Message	Cause and Remedy	Page
Too many attachments	Limit of mails with attachment exceeded. Delete them from inbox or outbox.	P.88 P.92
Too many attachments to send (max. 10 files)	Related files limit exceeded 10 attachments. Exceeded files are automatically deleted.	P.86
Insufficient memory. Resize and resend.	File size exceeded spool capacity and no more mail can be uploaded. Reduce attachment size.	P.46
No content in the mail	Mail content has not been entered. Enter message or select attachment.	P.86
No SEND TO address	Mail address has not been entered. Enter address.	P.73 P.86
Address area full	Number of characters for mail address exceeded limit. Reduce number of characters and re-register.	P.37
Insufficient memory for mail. Confirm mail.	(For Quick Send) Mail capacity is full. Delete unnecessary mails from outbox, inbox or draft mails.	P.88 P.92 P.93
Cannot save. Same name exists.	Same names have been registered.	—
No QUICK SEND settings	Dial-up account has not been registered in dial-up list (LIST). Register it and try operation.	P.24 P.45 P.67
No address	Mail address has not been registered in address book. Register it and retry operation.	P.37 P.45
Cannot QUICK SEND this file	Files recorded in other shooting modes than in Still Picture mode cannot be uploaded. Select files recorded in Still Picture mode.	P.64 P.65 P.67
Insufficient memory to save	Memory capacity is too small, and new mail cannot be composed or mail downloaded. Delete unwanted mail from outbox, inbox or draft.	P.88 P.92 P.93
Insufficient memory	Memory capacity is too small. Delete unwanted mail from outbox, inbox or draft.	P.88 P.92 P.93

■ Web Browser

Error Message	Cause and Remedy	Page
Cannot save bookmark anymore	Registered bookmark limit exceeded. Delete unwanted bookmarks from list and re-register.	P.109
Cannot save: too long URL	Number of letters in URL exceeded when registering bookmark. Reduce number of letters and re-register.	P.109
Cannot write to Flash Memory	Memory insufficient to register bookmark. Delete unwanted bookmarks and re-register.	P.109
This URL already exists.	Same URL has already been registered.	P.109

■ Direct Upload / HTML Upload

Error Message	Cause and Remedy	Page
Too many files for Direct Upload	Max. no. of files for uploading has been exceeded. Reduce number of files.	P.64 P.69 P.96
Cannot open files to send	File reading failure. Resend. If error persists, file may be unusable.	P.69 P.95
Uploading ERROR	Error during uploading. Check communication settings and resend.	P.24 P.48
File resize ERROR	Change image size again or send in original size.	P.46
<ul style="list-style-type: none"> • No file selected for Direct Upload • No file selected for FTP Upload 	File has not been selected. Select file to upload.	P.64 P.69 P.96
No Dial-up name selected	Dial-up account has not been selected. Select dial-up account.	P.45 P.69 P.95
PPP ACCOUNT must be entered.	PPP account has not been input. Input PPP account in dial-up setting.	P.24
No upload server name setting	Destination server has not been registered. Set destination server for Direct Upload or FTP server address for FTP Upload.	P.48 P.53
No communication card	Communication card has not been inserted. Insert communication card in card slot.	P.56
Cannot detect IP address	Destination server setting is incorrect and IP address cannot be obtained. Set destination server for Direct Upload or FTP server address for FTP Upload.	P.48 P.53
Authentication failed	(For FTP Upload) FTP upload setting is incorrect. Check user account name and password and reset.	P.53
Connection ERROR	Connection cannot be established for some reason. Check setting for dial-up account, Direct Upload or FTP Upload and resend.	P.24 P.48 P.53

■ FAX Upload

Error Message	Cause and Remedy	Page
No Communication card.	Communication card has not been inserted. Insert communication card in card slot.	P.56
This card cannot support FAX.	Communication card not available for Fax Upload has been inserted. Insert card supporting Fax Upload.	P.56
Cannot extend FAX sending data.	Data inside selected file is damaged. Select another file for upload and make a backup file of selected files saved in storage memory (PC card, CF card, internal memory) and format storage memory .	'Camera' operation manual
No send to address. Select send to address	Address has not been specified. Select address.	P.78
No file selected. Select file.	Upload file has not been selected. Select file.	P.65 P.77 P100
Cannot send file. Select Text mode file.	Files recorded in other shooting modes than in Text mode cannot be uploaded. Select files recorded in Text mode.	P.64 P.65 P.77 P100
	More than one files are selected. Only one file can be uploaded one at a time for Fax Upload. Select one file.	
No file to add cover sheet. Edit cover sheet.	Cover sheet has not been selected. Select [EDIT] and create a cover sheet.	P.80
Dial Connection error. Confirm send to address.	Dial connection error has occurred. Check communication card and cable and resend fax.	P.56
Cannot send fax. Modem error.	Dial connection error has occurred. Check communication card and cable and resend fax.	P.56
Communication ERROR	Dial connection error has occurred. Check communication card and cable and resend fax.	P.56
Cannot send fax. Time over for sending.	Dial connection error has occurred. Check communication card and cable and resend fax.	P.56

- Note** • If the error persists after the above remedies are taken, contact the shop where the camera was purchased or your nearest Ricoh service office.

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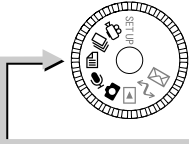
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Recording Mode (📷, 🎤, 📄, 💻, 📹)



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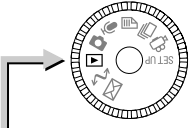


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◆ MENU Button



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◆ Edit Mode → [J] Button



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PC Mode (↔)

Connecting to a Personal Computer



Communication Mode (✉)



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Declaration of Conformity

“The Product complies with the requirements of the EMC Directive 89/336/EEC.”

INFORMATION TO THE USER

USA FCC Part15 Class B

The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. In this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. (FCC 15.105B)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. (FCC 15.21)
Properly shielded and grounded cables and connectors must be used for connection to a host computer in order to comply with FCC emission limits. (FCC 15.27)
An AC adapter with a ferrite core must be used for RF interference suppression.

COMPLIANCE INFORMATION STATEMENT

Product Name: IMAGE CAPTURING DEVICE

Model Number: RDC-i700

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

RICOH CORPORATION

5 Dedrick Place, West Caldwell NJ, 07006 Tel.: 1-800-225-1899

Note to Users in Canada

Note: This Class B digital apparatus complies with Canadian ICES-003

Remarque Concernant les Utilisateurs au Canada

Avertissement: Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada

IMPORTANT SAFETY INSTRUCTIONS-SAVE THESE INSTRUCTIONS DANGER-TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

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