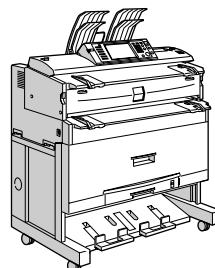




**2404WD/2406WD**  
**GWD2004/GWD2006**  
**LW324/LW326**  
**Aficio™ MP W2400/W3600**

## Operating Instructions

# General Settings Guide



- 
- 1** Connecting the Machine
  - 2** System Settings
  - 3** Copier / Document Server Features
  - 4** Printer Features
  - 5** Scanner Features
  - 6** Registering Addresses and Users for Scanner Functions
  - 7** Other User Tools
  - 8** Appendix

---

Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read the Safety Information in "About This Machine" before using the machine.

## Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

## Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.



### Notes:

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

Depending on which country you are in, certain units may be optional. For details, please contact your local dealer.



### Caution:

Use of controls or adjustments or performance of procedures other than those specified in this manual might result in hazardous radiation exposure.

### Notes:

The model names of the machines do not appear in the following pages. Check the type of your machine before reading this manual.

- Type 1: 2404WD/GWD2004/LW324/Aficio MP W2400
- Type 2: 2406WD/GWD2006/LW326/Aficio MP W3600

Certain types might not be available in some countries. For details, please contact your local dealer.

Two kinds of size notation are employed in this manual. With this machine refer to the inch version.

# Manuals for This Machine

Refer to the manuals that are relevant to what you want to do with the machine.

## Important

- ☐ Media differ according to manual.
- ☐ The printed and electronic versions of a manual have the same contents.
- ☐ Adobe Acrobat Reader/Adobe Reader must be installed in order to view the manuals as PDF files.
- ☐ Depending on which country you are in, there may also be html manuals. To view these manuals, a Web browser must be installed.
- ☐ For details about the functions of RW-3600, refer to the manuals for this option.

## ❖ About This Machine

Be sure to read the Safety Information in this manual before using the machine.

This manual provides an introduction to the functions of the machine. It also explains the control panel, preparation procedures for using the machine, how to enter text, and how to install the CD-ROMs provided.

## ❖ General Settings Guide

Explains User Tools settings, and Address Book procedures such as registering e-mail addresses and user codes. Also refer to this manual for explanations on how to connect the machine.

## ❖ Troubleshooting

Provides a guide to solving common problems, and explains how to replace paper, toner, and other consumables.

## ❖ Security Reference

This manual is for administrators of the machine. It explains security functions that the administrators can use to protect data from being tampered with, or prevent the machine from unauthorized use.

Also refer to this manual for the procedures for registering administrators, as well as setting user and administrator authentication.

## ❖ Copy/ Document Server Reference

Explains Copier and Document Server functions and operations. Also refer to this manual for explanations on how to place originals.

## ❖ Printer Reference

Explains Printer functions and operations.

## ❖ Scanner Reference

Explains Scanner functions and operations.

## ❖ Network Guide

Explains how to configure and operate the machine in a network environment, and use the software provided.

## ❖ Other manuals

- PostScript3 Supplement
- UNIX Supplement
- Manuals for DeskTopBinder Lite
  - DeskTopBinder Lite Setup Guide
  - DeskTopBinder Introduction Guide
  - Auto Document Link Guide

## Note

- ☐ Manuals provided are specific to machine types.
- ☐ For "UNIX Supplement", please visit our Web site or consult an authorized dealer.
- ☐ "PostScript3 Supplement" and "UNIX Supplement" include descriptions of functions and settings that might not be available on this machine.

| Product name  | General name                     |
|---|----------------------------------|
| DeskTopBinder Lite and DeskTopBinder Professional <sup>*1</sup>                     | DeskTopBinder                    |
| ScanRouter EX Professional <sup>*1</sup> and ScanRouter EX Enterprise <sup>*1</sup> | the ScanRouter delivery software |

<sup>\*1</sup> Optional

# TABLE OF CONTENTS

|                                       |          |
|---------------------------------------|----------|
| <b>Manuals for This Machine .....</b> | <b>i</b> |
| <b>How to Read This Manual .....</b>  | <b>1</b> |
| Symbols .....                         | 1        |
| <b>Display Panel.....</b>             | <b>2</b> |
| <b>Accessing User Tools .....</b>     | <b>3</b> |
| Changing Default Settings .....       | 3        |
| Quitting User Tools .....             | 4        |
| Menu Protect.....                     | 4        |

## 1. Connecting the Machine

|  |           |
|--|-----------|
| <b>Connecting to the Interfaces .....</b>                    | <b>5</b>  |
| Connecting to the Ethernet Interface .....                   | 6         |
| Connecting to the USB Interface.....                         | 8         |
| Connecting to the IEEE 802.11b (Wireless LAN) Interface..... | 9         |
| <b>Network Settings.....</b>                                 | <b>12</b> |
| Settings Required to Use the Printer.....                    | 12        |
| Settings Required to Use E-mail Function .....               | 15        |
| Settings Required to Use Scan to Folder Function .....       | 18        |
| Settings Required to Use the Network Delivery Scanner.....   | 20        |
| Settings Required to Use Network TWAIN Scanner .....         | 22        |
| Settings Required to Use Document Server .....               | 24        |
| Using Utilities to Make Network Settings .....               | 26        |

## 2. System Settings

|  |           |
|--|-----------|
| <b>General Features.....</b>               | <b>35</b> |
| Output tray settings .....                 | 40        |
| <b>Tray Paper Settings .....</b>           | <b>41</b> |
| <b>Timer Settings .....</b>                | <b>46</b> |
| <b>Interface Settings.....</b>             | <b>48</b> |
| Network .....                              | 48        |
| IEEE 802.11b .....                         | 51        |
| Print List .....                           | 53        |
| <b>File Transfer .....</b>                 | <b>54</b> |
| <b>Administrator Tools.....</b>            | <b>59</b> |
| <b>Programming the LDAP server.....</b>    | <b>68</b> |
| To program / change the LDAP server .....  | 68        |
| To enter an identification name.....       | 68        |
| To enter a server name.....                | 69        |
| To enter the search base .....             | 69        |
| To enter a port number .....               | 69        |
| To start SSL communication.....            | 70        |
| To set authentication.....                 | 70        |
| To enter the user name and password .....  | 71        |
| To test the connection.....                | 71        |
| To set search conditions .....             | 72        |
| To set search options.....                 | 72        |
| To delete the programmed LDAP server ..... | 74        |

### 3. Copier / Document Server Features

|   |           |
|---|-----------|
| <b>General Features</b> .....                 | <b>75</b> |
| <b>Reproduction Ratio</b> .....               | <b>78</b> |
| <b>Edit</b> .....                             | <b>81</b> |
| <b>Stamp</b> .....                            | <b>86</b> |
| Background Numbering .....                    | 86        |
| Preset Stamp .....                            | 86        |
| User Stamp .....                              | 88        |
| Date Stamp .....                              | 89        |
| Page Numbering .....                          | 90        |
| <b>Input/Output</b> .....                     | <b>92</b> |
| <b>Program / Delete Overlay Format</b> .....  | <b>93</b> |
| Programming an Overlay Format.....            | 93        |
| Overwriting a Stored format .....             | 94        |
| Deleting a Stored format .....                | 95        |
| <b>Settings for the Document Server</b> ..... | <b>96</b> |

### 4. Printer Features

|                                       |            |
|---------------------------------------|------------|
| <b>List / Test Print</b> .....        | <b>97</b>  |
| Printing the Configuration Page ..... | 98         |
| <b>Maintenance</b> .....              | <b>100</b> |
| <b>System</b> .....                   | <b>101</b> |
| <b>Host Interface</b> .....           | <b>104</b> |
| <b>PS Menu</b> .....                  | <b>105</b> |
| <b>PDF Menu</b> .....                 | <b>106</b> |

### 5. Scanner Features

|                               |            |
|-------------------------------|------------|
| <b>General Settings</b> ..... | <b>107</b> |
| <b>Scan Settings</b> .....    | <b>109</b> |
| <b>Send Settings</b> .....    | <b>110</b> |

### 6. Registering Addresses and Users for Scanner Functions

|  |            |
|--|------------|
| <b>Address Book</b> .....  | <b>113</b> |
| Managing names in the Address Book .....                                     | 116        |
| Sending e-mail by Quick Dial .....   | 116        |
| Sending scanned files to a shared folder directly.....                       | 116        |
| Preventing unauthorized user access to shared folders from the machine ..... | 117        |
| Managing users and machine usage .....                                       | 117        |
| <b>Registering Names</b> .....   | <b>118</b> |
| Registering Names.....   | 118        |
| Changing a Registered Name.....  | 120        |
| Deleting a Registered Name .....   | 121        |

|  |            |
|--|------------|
| <b>Authentication Information .....</b>              | <b>122</b> |
| Registering a User Code .....                        | 123        |
| Changing a User Code.....                            | 124        |
| Deleting a User Code .....                           | 126        |
| Displaying the Counter for Each User.....            | 127        |
| Printing the Counter for Each User .....             | 128        |
| Printing the Counter for All Users.....              | 129        |
| Clearing the Number of Prints.....                   | 130        |
| <b>E-mail Destination.....</b>                       | <b>132</b> |
| Registering an E-mail Destination.....               | 132        |
| Changing an E-mail Destination.....                  | 134        |
| Deleting an E-mail Destination.....                  | 135        |
| <b>Registering Folders .....</b>                     | <b>137</b> |
| Using SMB to Connect.....                            | 138        |
| Using FTP to Connect.....                            | 145        |
| Using NCP to Connect.....                            | 150        |
| <b>Registering Names to a Group .....</b>            | <b>156</b> |
| Registering a Group .....                            | 156        |
| Registering Names to a Group.....                    | 158        |
| Adding a Group to Another Group .....                | 160        |
| Displaying Names Registered in a Group .....         | 162        |
| Removing a Name from a Group .....                   | 163        |
| Deleting a Group Within Another Group .....          | 164        |
| Changing a Group Name .....                          | 166        |
| Deleting a Group .....                               | 167        |
| <b>Registering a Protection Code .....</b>           | <b>168</b> |
| Registering a Protection Code to a Single User.....  | 168        |
| Registering a Protection Code to a Group User.....   | 170        |
| <b>Registering SMTP and LDAP Authentication.....</b> | <b>172</b> |
| SMTP Authentication .....                            | 172        |
| LDAP Authentication .....                            | 174        |
| <br><b>7. Other User Tools</b>                       |            |
| <b>Changing the Display Language .....</b>           | <b>177</b> |
| <b>Inquiry .....</b>                                 | <b>178</b> |
| <b>Counter .....</b>                                 | <b>180</b> |
| Displaying the Total Counter.....                    | 180        |

## 8. Appendix

---

|                         |                |
|-------------------------|----------------|
| <b>Copyrights .....</b> | <b>181</b>     |
| expat .....             | 181            |
| NetBSD .....            | 182            |
| Sablotron .....         | 184            |
| JPEG LIBRARY .....      | 184            |
| SASL .....              | 185            |
| MD4 .....               | 186            |
| MD5 .....               | 186            |
| Samba(Ver 3.0.4) .....  | 187            |
| RSA BSAFE® .....        | 187            |
| Open SSL .....          | 188            |
| Open LDAP .....         | 193            |
| LibTIFF .....           | 195            |
| <br><b>INDEX.....</b>   | <br><b>196</b> |

# How to Read This Manual

---

## Symbols

---

This manual uses the following symbols:

### **WARNING:**

Indicates important safety notes.

Ignoring these notes could result in serious injury or death. Be sure to read these notes. They can be found in the "Safety Information" section of About This Machine.

### **CAUTION:**

Indicates important safety notes.

Ignoring these notes could result in moderate or minor injury, or damage to the machine or to property. Be sure to read these notes. They can be found in the "Safety Information" section of About This Machine.

### **Important**

Indicates points to pay attention to when using the machine, and explanations of likely causes of paper misfeeds, damage to originals, or loss of data. Be sure to read these explanations.

### **Note**

Indicates supplementary explanations of the machine's functions, and instructions on resolving user errors.

### **Reference**

This symbol is located at the end of sections. It indicates where you can find further relevant information.

### **[ ]**

Indicates the names of keys that appear on the machine's display panel.

### **[ ! ]**

Indicates the names of keys on the machine's control panel.


# Display Panel

The display panel shows machine status, error messages, and function menus.

The function items displayed serve as selector keys. You can select or specify an item by lightly pressing them.

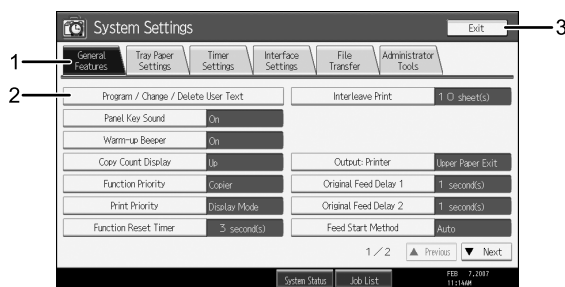
When you select or specify an item on the display panel, it is highlighted like **Program / Change**. Keys appearing as **OK** cannot be used.

## Important

 A force or impact of more than 30 N (about 3 kgf) will damage the display panel.

To display the following screen, press the **[User Tools/Counter]** key to display the User Tools menu, and then press **[System Settings]**.

Using the System Settings menu screen as an example, this section explains how to use the machine's display panel.



ATM007S

**1. The menu tabs for various settings appear. To display the setting you want to specify or change, press the appropriate menu tab.**

**2. A list of settings appears. To specify or change a setting, press the appropriate key in the list.**

**3. Press this to quit the User Tools menu.**

# Accessing User Tools

This section describes how to access User Tools menu.

User Tools allow you to change or set defaults.

## Note

- ☐ Operations for system settings differ from normal operations. Always quit User Tools when you have finished.
- ☐ Any changes you make with User Tools remain in effect even if the main power switch or operation switch is turned off, or the **[Energy Saver]** or **[Clear Modes]** key is pressed.

## Reference

p.4 "Quitting User Tools"

---

## Changing Default Settings

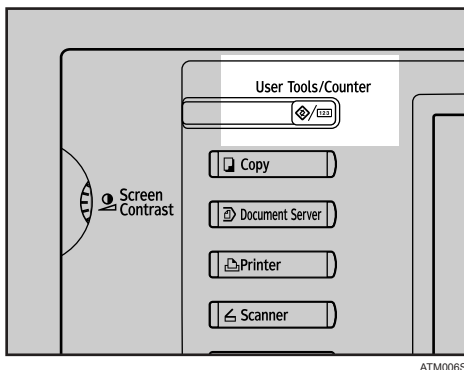
---

This section describes how to change the settings of User Tools.

## Important

- ☐ If Administrator Authentication Management is specified, contact your administrator.

### **1** Press the **[User Tools/Counter]** key.



### **2** Select the menu.

To change the System Settings, press **[System Settings]**.

To change the Copier / Document Server Features, press **[Copier / Document Server Features]**.

To change the Printer Features, press **[Printer Features]**.

To change the Scanner Features, press **[Scanner Features]**.

To change the language used on the display, press **[Español]**.

To check the telephone numbers to contact for repairs, or to order consumables, press **[Inquiry]**.

To check the counter, press **[Counter]**.

### **3** Select the user tool you want to change.

**4** Change settings by following instructions on the display, and then press [OK].

 **Note**

- ☐ To cancel changes made to settings and return to the initial display, press the **[User Tools/Counter]** key.

 **Reference**

- p.35 “System Settings”
- p.75 “Copier / Document Server Features”
- p.97 “Printer Features”
- p.107 “Scanner Features”
- p.177 “Other User Tools”

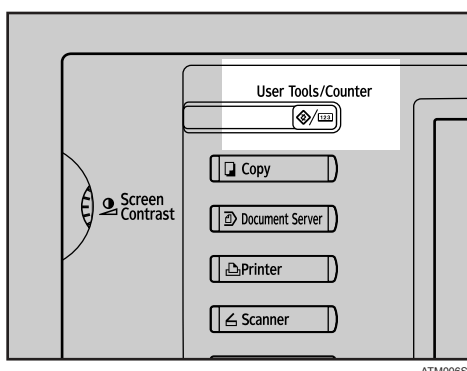
---

## Quitting User Tools

---

This section describes how to end User Tools.

**1** Press the **[User Tools/Counter]** key.



 **Note**

- ☐ You can also quit User Tools by pressing **[Exit]**.

---

## Menu Protect

---

Using Menu Protect, you can prevent unauthenticated users from changing the user tools. Menu Protect can be specified for each of the following user tools menus.

- Copier / Document Server Features
- Printer Features
- Scanner Features

For details, consult your administrator.

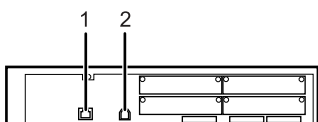
# 1. Connecting the Machine

This chapter describes how to connect the machine to the network and specify the network settings.

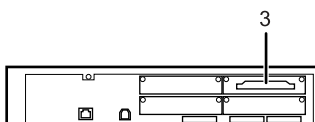
## Connecting to the Interfaces

This section describes how to identify the machine's interface and connect the machine according to the network environment.

When the optional interface board is not installed.



When the wireless LAN board (optional) is installed.



ATM001S

### 1. 10BASE-T/100BASE-TX port

Port for connecting the 10BASE-T or 100BASE-TX cable

### 2. USB2.0 port

Port for connecting the USB2.0 interface cable

### 3. Wireless LAN port (optional)

Port for using the wireless LAN

#### Note

- ☐ You cannot install these two options at the same time: IEEE 802.11b wireless LAN board, Gigabit Ethernet board.
- ☐ If the optional GigaBit Ethernet board is installed, only the Ethernet interface and USB interface on the board can be used.

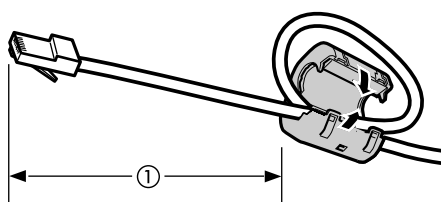
## Connecting to the Ethernet Interface

This section describes how to connect 10BASE-T or 100BASE-TX cable to the Ethernet interface.

### Important

☐ If the main power switch is on, turn it off.

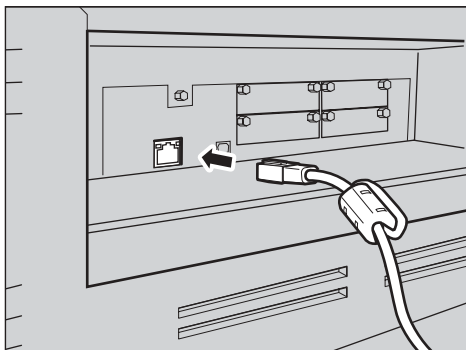
- 1** A ferrite core for the Ethernet cable is supplied with this machine. Make a loop in the cable about 4.5 cm (1.8") (1) from the machine end of the cable. Attach the ferrite core.



AEV047S

- 2** Make sure the main power switch of the machine is off.

- 3** Connect the Ethernet interface cable to the 10BASE-T/100BASE-TX port.



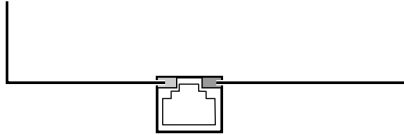
ATL012S

- 4** Connect the other end of the Ethernet cable to a network connection device such as a hub.

**5 Turn on the main power switch of the machine.**

Lights up yellow when  
100 BASE-TX is in operation.  
Goes off when 10 BASE-T  
is in operation.

Lights up green when  
the machine is connected  
correctly to the network.



ATM002S

**Note**

- ❑ For details about installing the printer driver, see "Preparing the Machine", Printer Reference.

**Reference**

"Turning On the Power", About This Machine

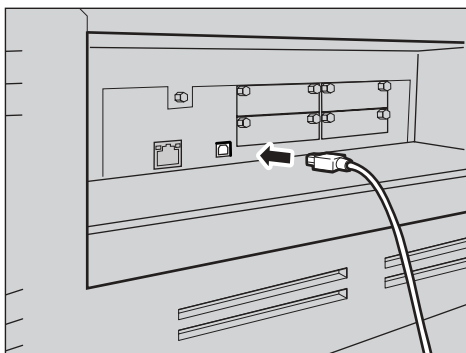
"Preparing the Machine", Printer Reference

## Connecting to the USB Interface

This section describes how to connect the USB2.0 interface cable to the USB2.0 port.

**1**

**1** Connect the USB2.0 interface cable to the USB2.0 port.



ATL013S

**2** Connect the other end to the USB2.0 port on the host computer.

 **Note**

- ☐ This machine does not come with a USB interface cable. Make sure you purchase the appropriate cable for the machine and your computer.
- ☐ The USB2.0 interface board is supported by Windows Me / 2000 / XP, Windows Server 2003, Mac OS X 10.3.3 or higher.
  - For Windows Me:  
Make sure to install "USB Printing Support". When used with Windows Me, only a speed equal to that of USB1.1 is possible.
  - For Mac OS:  
When used with Mac OS X 10.3.3 or higher, a transfer speed of USB2.0 is supported.
- ☐ For details about installing the printer driver, see "Preparing the Machine", Printer Reference.

 **Reference**

"Preparing the Machine", Printer Reference

## Connecting to the IEEE 802.11b (Wireless LAN) Interface

This section describes how to connect to the IEEE 802.11b (wireless LAN) interface.

### Note

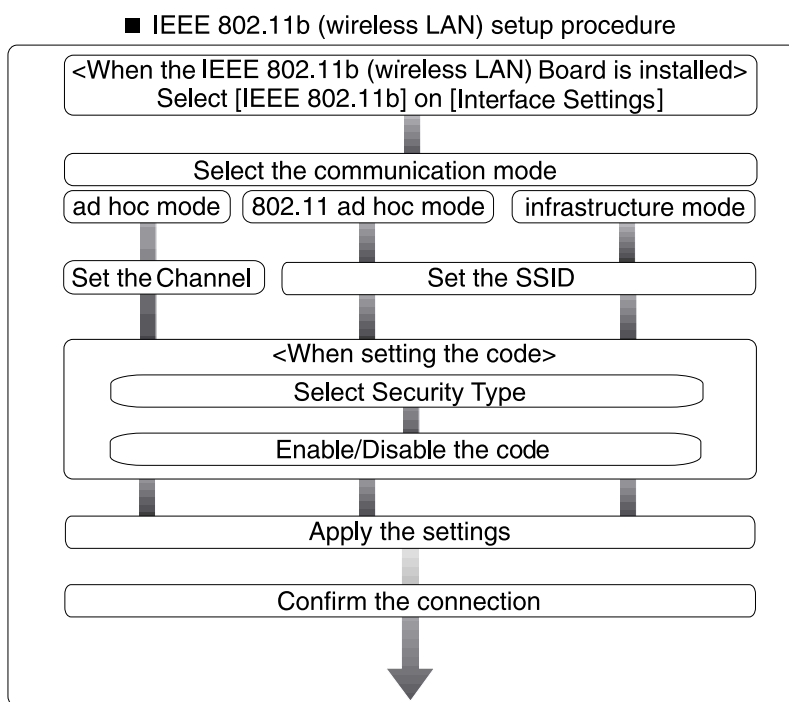
- ☐ Check the settings of the IPv4 address and subnet mask of this machine.
- ☐ For details about how to set the IPv4 address and subnet mask from the control panel of the machine, see "Interface Settings".
- ☐ Before using this machine with an IEEE 802.11b (Wireless LAN) connection, you must select **[IEEE 802.11b]** in **[LAN Type]**.

### Reference

p.48 "Network"

## Setup Procedure

This section describes how to setup IEEE 802.11b (wireless LAN) interface. Set up IEEE 802.11b (wireless LAN) according to the following procedure:



ARH007S

**Note**

- ☐ Select **[802.11 Ad-hoc Mode]** mode when connecting Windows XP as a wireless LAN client using Windows XP standard driver or utilities, or when not using the infrastructure mode.
- ☐ You can specify either "WEP" or "WPA" to the Security Method.
- ☐ Specify "WPA", when [Communication Mode] is set to [Infrastructure Mode].
- ☐ If you select the **[WPA]** option for Security Method, select one of the following: **[WPA-PSK]**, **[WPA]**, **[WPA2-PSK]**, or **[WPA2]**. If you select **[WPA-PSK]** or **[WPA2-PSK]**, enter your PSK.
- ☐ For details about how to specify wireless LAN settings from the control panel on the machine, see "IEEE 802.11b".
- ☐ For details about how to specify wireless LAN settings from other than the control panel on the machine, see "Using Utilities to Make Network Settings".
- ☐ For details about the setting items, see "IEEE 802.11b".

**Reference**

p.26 "Using Utilities to Make Network Settings"

p.51 "IEEE 802.11b"

---

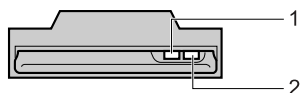
**Checking the Connection**


---

This section describes how to check the wireless LAN connection.

Make sure the LED of the IEEE 802.11b interface unit is lit.

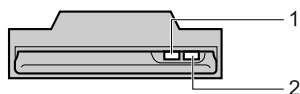
❖ **When using in infrastructure mode**



ATL008S

1. If **[LAN Type]** on the **[Interface Settings]** / **[Network]** screen is not set to **[IEEE 802.11b]**, it does not light, even if the main power is on.
2. If it is connected properly to the network, the LED is green when in infrastructure mode. If the LED is blinking, the machine is searching for devices.

## ❖ When using in ad hoc mode / 802.11 ad hoc mode



ATL008S

1. If the IEEE 802.11b interface unit is functioning, the LED lights up in orange.
2. If it is connected properly to the network, the LED is green when in ad hoc mode or 802.11 ad hoc mode. If the LED is blinking, the machine is searching for devices. The LED will light after a few seconds.

Print the configuration page to verify settings.

 **Note**

- ☐ For more information about printing a configuration page, see "Print List".

 **Reference**

p.98 "Printing the Configuration Page"

---

## Checking the Signal

---

This section describes how to check the machine's radio wave status.

When using in infrastructure mode, you can check the machine's radio wave status using the control panel.

- ① Press **[System Settings]**.
- ② Press **[Interface Settings]**.
- ③ Press **[IEEE 802.11b]**.
- ④ Press **[Wireless LAN Signal]**.  
The machine's radio wave status appears.
- ⑤ After checking radio wave status, press **[Exit]**.
- ⑥ Press the **[User Tools/Counter]** key.

 **Reference**

p.26 "Using Utilities to Make Network Settings"

p.51 "IEEE 802.11b"

# Network Settings

This section describes the network settings you can change with User Tools (System Settings). Make settings according to functions you want to use and the interface to be connected.

## Important

- ☐ These settings should be made by the system administrator, or with the advice of the system administrator.

## Settings Required to Use the Printer

This section lists the settings required for using the printer function.

### Ethernet

This section lists the settings required for using the printer function with an Ethernet connection.

For details about how to specify the settings, see "Interface Settings".

| Menu                       | User Tool                                | Setting Requirements |
|----------------------------|--|----------------------|
| Interface Settings/Network | Machine IPv4 Address                     | Necessary            |
| Interface Settings/Network | IPv4 Gateway Address                     | As required          |
| Interface Settings/Network | Machine IPv6 Address                     | As required          |
| Interface Settings/Network | IPv6 Gateway Address                     | As required          |
| Interface Settings/Network | IPv6 Stateless Address Autoconfiguration | As required          |
| Interface Settings/Network | DNS Configuration                        | As required          |
| Interface Settings/Network | DDNS Configuration                       | As required          |
| Interface Settings/Network | Domain Name                              | As required          |
| Interface Settings/Network | WINS Configuration                       | As required          |
| Interface Settings/Network | Effective Protocol                       | Necessary            |
| Interface Settings/Network | NCP Delivery Protocol                    | As required          |
| Interface Settings/Network | NW Frame Type                            | As required          |
| Interface Settings/Network | LAN Type                                 | Necessary            |
| Interface Settings/Network | SMB Computer Name                        | As required          |
| Interface Settings/Network | SMB Work Group                           | As required          |
| Interface Settings/Network | Ethernet Speed                           | As required          |
| Interface Settings/Network | Permit SNMPv3 Communication              | As required          |
| Interface Settings/Network | Permit SSL/TLS Communication             | As required          |
| Interface Settings/Network | Host Name                                | As required          |

| Menu                       | User Tool    | Setting Requirements |
|----------------------------|--------------|----------------------|
| Interface Settings/Network | Machine Name | As required          |

### Note

- ☐ IPv6 can be used only for the printer function.
- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[LAN Type]** is displayed when the wireless LAN board is installed. If Ethernet and IEEE 802.11b (wireless LAN) are both connected, the selected interface has priority.

### Reference

p.48 "Interface Settings"

## IEEE 802.11b (wireless LAN)

This section lists the settings required for using the printer function with an IEEE 802.11b (wireless LAN) connection.

For details about how to specify the settings, see "Interface Settings".

| Menu                       | User Tool                                | Setting Requirements |
|----------------------------|--|----------------------|
| Interface Settings/Network | Machine IPv4 Address                     | Necessary            |
| Interface Settings/Network | IPv4 Gateway Address                     | As required          |
| Interface Settings/Network | Machine IPv6 Address                     | As required          |
| Interface Settings/Network | IPv6 Gateway Address                     | As required          |
| Interface Settings/Network | IPv6 Stateless Address Autoconfiguration | As required          |
| Interface Settings/Network | DNS Configuration                        | As required          |
| Interface Settings/Network | DDNS Configuration                       | As required          |
| Interface Settings/Network | Domain Name                              | As required          |
| Interface Settings/Network | WINS Configuration                       | As required          |
| Interface Settings/Network | Effective Protocol                       | Necessary            |
| Interface Settings/Network | NCP Delivery Protocol                    | As required          |
| Interface Settings/Network | NW Frame Type                            | As required          |
| Interface Settings/Network | LAN Type                                 | Necessary            |
| Interface Settings/Network | SMB Computer Name                        | As required          |
| Interface Settings/Network | SMB Work Group                           | As required          |
| Interface Settings/Network | Permit SNMPv3 Communication              | As required          |
| Interface Settings/Network | Permit SSL/TLS Communication             | As required          |
| Interface Settings/Network | Host Name                                | As required          |
| Interface Settings/Network | Machine Name                             | As required          |

| Menu                                | User Tool          | Setting Requirements |
|-------------------------------------|--------------------|----------------------|
| Interface Settings/<br>IEEE 802.11b | Communication Mode | Necessary            |
| Interface Settings/<br>IEEE 802.11b | SSID Setting       | As required          |
| Interface Settings/<br>IEEE 802.11b | Channel            | As required          |

 **Note**

- ☐ IPv6 can be used only for the printer function.
- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[IEEE 802.11b]** and **[LAN Type]** are displayed when the wireless LAN interface board is installed. If both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.

 **Reference**

p.48 "Interface Settings"

## Settings Required to Use E-mail Function

This section lists the settings required for sending e-mail.

### Ethernet

This section lists the settings required for sending e-mail with an Ethernet connection.

For details about how to specify the settings, see "Interface Settings" and "File Transfer".

| Menu                       | User Tool                                | Setting Requirements |
|----------------------------|--|----------------------|
| Interface Settings/Network | Machine IPv4 Address                     | Necessary            |
| Interface Settings/Network | IPv4 Gateway Address                     | As required          |
| Interface Settings/Network | DNS Configuration                        | As required          |
| Interface Settings/Network | DDNS Configuration                       | As required          |
| Interface Settings/Network | Domain Name                              | As required          |
| Interface Settings/Network | WINS Configuration                       | As required          |
| Interface Settings/Network | Effective Protocol                       | Necessary            |
| Interface Settings/Network | Ethernet Speed                           | As required          |
| Interface Settings/Network | LAN Type                                 | Necessary            |
| Interface Settings/Network | Permit SNMPv3 Communication              | As required          |
| Interface Settings/Network | Permit SSL/TLS Communication             | As required          |
| Interface Settings/Network | Host Name                                | As required          |
| File Transfer              | SMTP Server                              | Necessary            |
| File Transfer              | SMTP Authentication                      | As required          |
| File Transfer              | POP before SMTP                          | As required          |
| File Transfer              | Reception Protocol                       | As required          |
| File Transfer              | POP3 / IMAP4 Settings                    | As required          |
| File Transfer              | Administrator's E-mail Address           | As required          |
| File Transfer              | E-mail Communication Port                | As required          |
| File Transfer              | Program / Change / Delete E-mail Message | As required          |
| File Transfer              | Scanner Resend Interval Time             | As required          |
| File Transfer              | Number of Scanner Resends                | As required          |

 **Note**

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[LAN Type]** is displayed when the wireless LAN interface board is installed. If both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.
- ☐ When POP before SMTP is set to **[On]**, you must also make settings for Reception Protocol and POP3 / IMAP4 Settings.
- ☐ When setting POP before SMTP to **[On]**, check POP3 port number in E-mail Communication Port.

 **Reference**

p.48 "Interface Settings"

p.54 "File Transfer"

---

**IEEE 802.11b (wireless LAN)**

---

This section lists the settings required for sending e-mail with an IEEE 802.11b (wireless LAN) connection.

For details about how to specify the settings, see "Interface Settings" and "File Transfer".

| Menu                                | User Tool                    | Setting Requirements |
|-------------------------------------|------------------------------|----------------------|
| Interface Settings/Network          | Machine IPv4 Address         | Necessary            |
| Interface Settings/Network          | IPv4 Gateway Address         | As required          |
| Interface Settings/Network          | DNS Configuration            | As required          |
| Interface Settings/Network          | DDNS Configuration           | As required          |
| Interface Settings/Network          | Domain Name                  | As required          |
| Interface Settings/Network          | WINS Configuration           | As required          |
| Interface Settings/Network          | Effective Protocol           | Necessary            |
| Interface Settings/Network          | LAN Type                     | Necessary            |
| Interface Settings/Network          | Permit SNMPv3 Communication  | As required          |
| Interface Settings/Network          | Permit SSL/TLS Communication | As required          |
| Interface Settings/Network          | Host Name                    | As required          |
| Interface Settings/<br>IEEE 802.11b | Communication Mode           | Necessary            |
| Interface Settings/<br>IEEE 802.11b | SSID Setting                 | As required          |
| Interface Settings/<br>IEEE 802.11b | Channel                      | As required          |
| Interface Settings/<br>IEEE 802.11b | Security Method              | As required          |

| Menu                                | User Tool                                   | Setting Requirements |
|-------------------------------------|---|----------------------|
| Interface Settings/<br>IEEE 802.11b | Transmission Speed                          | As required          |
| File Transfer                       | SMTP Server                                 | Necessary            |
| File Transfer                       | SMTP Authentication                         | As required          |
| File Transfer                       | POP before SMTP                             | As required          |
| File Transfer                       | Reception Protocol                          | As required          |
| File Transfer                       | POP3 / IMAP4 Settings                       | As required          |
| File Transfer                       | Administrator's E-mail Address              | As required          |
| File Transfer                       | E-mail Communication Port                   | As required          |
| File Transfer                       | Program / Change / Delete E-mail<br>Message | As required          |
| File Transfer                       | Scanner Resend Interval Time                | As required          |
| File Transfer                       | Number of Scanner Resends                   | As required          |

### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[LAN Type]** is displayed when the wireless LAN interface board is installed. If both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.
- ☐ When POP before SMTP is set to **[On]**, you must also make settings for Reception Protocol and POP3 / IMAP4 Settings.
- ☐ When setting POP before SMTP to **[On]**, check POP3 port number in E-mail Communication Port.

### Reference

p.48 "Interface Settings"

p.54 "File Transfer"

## Settings Required to Use Scan to Folder Function

This section lists the settings required for sending files.

### Ethernet

This section lists the settings required for sending files with an Ethernet connection. For details about how to specify the settings, see "Interface Settings" and "File Transfer".

| Menu                       | User Tool                           | Setting Requirements |
|----------------------------|-------------------------------------|----------------------|
| Interface Settings/Network | Machine IPv4 Address                | Necessary            |
| Interface Settings/Network | IPv4 Gateway Address                | As required          |
| Interface Settings/Network | DNS Configuration                   | As required          |
| Interface Settings/Network | DDNS Configuration                  | As required          |
| Interface Settings/Network | Domain Name                         | As required          |
| Interface Settings/Network | WINS Configuration                  | As required          |
| Interface Settings/Network | Effective Protocol                  | Necessary            |
| Interface Settings/Network | Ethernet Speed                      | As required          |
| Interface Settings/Network | LAN Type                            | Necessary            |
| Interface Settings/Network | Permit SNMPv3 Communication         | As required          |
| Interface Settings/Network | Permit SSL/TLS Communication        | As required          |
| Interface Settings/Network | Host Name                           | As required          |
| File Transfer              | Default User Name / Password (Send) | As required          |
| File Transfer              | Scanner Resend Interval Time        | As required          |
| File Transfer              | Number of Scanner Resends           | As required          |

#### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[LAN Type]** is displayed when the wireless LAN interface board is installed. If both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.

#### Reference

p.48 "Interface Settings"

p.54 "File Transfer"

## IEEE 802.11b (wireless LAN)

This section lists the settings required for sending files with an IEEE 802.11b (wireless LAN) connection.

For details about how to specify the settings, see "Interface Settings" and "File Transfer".

| Menu                                | User Tool                           | Setting Requirements |
|-------------------------------------|-------------------------------------|----------------------|
| Interface Settings/Network          | Machine IPv4 Address                | Necessary            |
| Interface Settings/Network          | IPv4 Gateway Address                | As required          |
| Interface Settings/Network          | DNS Configuration                   | As required          |
| Interface Settings/Network          | DDNS Configuration                  | As required          |
| Interface Settings/Network          | Domain Name                         | As required          |
| Interface Settings/Network          | WINS Configuration                  | As required          |
| Interface Settings/Network          | Effective Protocol                  | Necessary            |
| Interface Settings/Network          | LAN Type                            | Necessary            |
| Interface Settings/Network          | Permit SNMPv3 Communication         | As required          |
| Interface Settings/Network          | Permit SSL/TLS Communication        | As required          |
| Interface Settings/Network          | Host Name                           | As required          |
| Interface Settings/<br>IEEE 802.11b | Communication Mode                  | Necessary            |
| Interface Settings/<br>IEEE 802.11b | SSID Setting                        | As required          |
| Interface Settings/<br>IEEE 802.11b | Channel                             | As required          |
| Interface Settings/<br>IEEE 802.11b | Security Method                     | As required          |
| Interface Settings/<br>IEEE 802.11b | Transmission Speed                  | As required          |
| File Transfer                       | Default User Name / Password (Send) | As required          |
| File Transfer                       | Scanner Resend Interval Time        | As required          |
| File Transfer                       | Number of Scanner Resends           | As required          |

### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[IEEE 802.11b]** and **[LAN Type]** are displayed when the wireless LAN interface board is installed. If both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.

### Reference

p.48 "Interface Settings"

p.54 "File Transfer"

## Settings Required to Use the Network Delivery Scanner

This section lists the settings required for delivering data to network.

### Ethernet

This section lists the settings required for delivering data to network with an Ethernet connection.

For details about how to specify the settings, see "Interface Settings" and "File Transfer".

| Menu                       | User Tool                    | Setting Requirements |
|----------------------------|------------------------------|----------------------|
| Interface Settings/Network | Machine IPv4 Address         | Necessary            |
| Interface Settings/Network | IPv4 Gateway Address         | As required          |
| Interface Settings/Network | DNS Configuration            | As required          |
| Interface Settings/Network | DDNS Configuration           | As required          |
| Interface Settings/Network | Domain Name                  | As required          |
| Interface Settings/Network | WINS Configuration           | As required          |
| Interface Settings/Network | Effective Protocol           | Necessary            |
| Interface Settings/Network | Ethernet Speed               | As required          |
| Interface Settings/Network | LAN Type                     | Necessary            |
| Interface Settings/Network | Permit SNMPv3 Communication  | As required          |
| Interface Settings/Network | Permit SSL/TLS Communication | As required          |
| Interface Settings/Network | Host Name                    | As required          |
| File Transfer              | Delivery Option              | As required          |
| File Transfer              | Scanner Resend Interval Time | As required          |
| File Transfer              | Number of Scanner Resends    | As required          |

#### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[LAN Type]** is displayed when the wireless LAN interface board is installed. When both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.
- ☐ If Delivery Option is set to **[On]**, check that IPv4 Address is specified.

#### Reference

p.48 "Interface Settings"

p.54 "File Transfer"

## IEEE 802.11b (wireless LAN)

This section lists the settings required for delivering data to network with an IEEE 802.11b (wireless LAN) connection.

For details about how to specify the settings, see "Interface Settings" and "File Transfer".

| Menu                                | User Tool                    | Setting Requirements |
|-------------------------------------|------------------------------|----------------------|
| Interface Settings/Network          | Machine IPv4 Address         | Necessary            |
| Interface Settings/Network          | IPv4 Gateway Address         | As required          |
| Interface Settings/Network          | DNS Configuration            | As required          |
| Interface Settings/Network          | DDNS Configuration           | As required          |
| Interface Settings/Network          | Domain Name                  | As required          |
| Interface Settings/Network          | WINS Configuration           | As required          |
| Interface Settings/Network          | Effective Protocol           | Necessary            |
| Interface Settings/Network          | LAN Type                     | Necessary            |
| Interface Settings/Network          | Permit SNMPv3 Communication  | As required          |
| Interface Settings/Network          | Permit SSL/TLS Communication | As required          |
| Interface Settings/Network          | Host Name                    | As required          |
| Interface/Settings/<br>IEEE 802.11b | Communication Mode           | Necessary            |
| Interface/Settings/<br>IEEE 802.11b | SSID Setting                 | As required          |
| Interface/Settings/<br>IEEE 802.11b | Channel                      | As required          |
| Interface/Settings/<br>IEEE 802.11b | Security Method              | As required          |
| Interface/Settings/<br>IEEE 802.11b | Transmission Speed           | As required          |
| File Transfer                       | Delivery Option              | As required          |
| File Transfer                       | Scanner Resend Interval Time | As required          |
| File Transfer                       | Number of Scanner Resends    | As required          |

### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[IEEE 802.11b]** and **[LAN Type]** are displayed when the wireless LAN interface board is installed. When both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.
- ☐ If Delivery Option is set to **[On]**, check that IPv4 Address is specified.

## Reference

p.48 "Interface Settings"

p.54 "File Transfer"

1

## Settings Required to Use Network TWAIN Scanner

This section lists the settings required for using TWAIN Scanner under the network environment.

### Ethernet

This section lists the settings required for using network TWAIN Scanner with an Ethernet connection.

For details about how to specify the settings, see "Interface Settings".

| Menu                       | User Tool                    | Setting Requirements |
|----------------------------|------------------------------|----------------------|
| Interface Settings/Network | Machine IPv4 Address         | Necessary            |
| Interface Settings/Network | IPv4 Gateway Address         | As required          |
| Interface Settings/Network | DNS Configuration            | As required          |
| Interface Settings/Network | DDNS Configuration           | As required          |
| Interface Settings/Network | Domain Name                  | As required          |
| Interface Settings/Network | WINS Configuration           | As required          |
| Interface Settings/Network | Effective Protocol           | Necessary            |
| Interface Settings/Network | LAN Type                     | Necessary            |
| Interface Settings/Network | Ethernet Speed               | As required          |
| Interface Settings/Network | Permit SNMPv3 Communication  | As required          |
| Interface Settings/Network | Permit SSL/TLS Communication | As required          |
| Interface Settings/Network | Host Name                    | As required          |

### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[LAN Type]** is displayed when the wireless LAN interface board is installed. When both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.

## Reference

p.48 "Interface Settings"

## IEEE 802.11b (wireless LAN)

This section lists the settings required for using network TWAIN Scanner with an IEEE 802.11b (wireless LAN) connection.

For details about how to specify the settings, see "Interface Settings".

| Menu                                | User Tool                    | Setting Requirements |
|-------------------------------------|------------------------------|----------------------|
| Interface Settings/Network          | Machine IPv4 Address         | Necessary            |
| Interface Settings/Network          | IPv4 Gateway Address         | As required          |
| Interface Settings/Network          | DNS Configuration            | As required          |
| Interface Settings/Network          | DDNS Configuration           | As required          |
| Interface Settings/Network          | Domain Name                  | As required          |
| Interface Settings/Network          | WINS Configuration           | As required          |
| Interface Settings/Network          | Effective Protocol           | Necessary            |
| Interface Settings/Network          | LAN Type                     | Necessary            |
| Interface Settings/Network          | Permit SNMPv3 Communication  | As required          |
| Interface Settings/Network          | Permit SSL/TLS Communication | As required          |
| Interface Settings/Network          | Host Name                    | As required          |
| Interface Settings/<br>IEEE 802.11b | Communication Mode           | Necessary            |
| Interface Settings/<br>IEEE 802.11b | SSID Setting                 | As required          |
| Interface Settings/<br>IEEE 802.11b | Channel                      | As required          |
| Interface Settings/<br>IEEE 802.11b | Security Method              | As required          |
| Interface Settings/<br>IEEE 802.11b | Transmission Speed           | As required          |

### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[IEEE 802.11b]** and **[LAN Type]** are displayed when the wireless LAN interface board is installed. When both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.

### Reference

p.48 "Interface Settings"

## Settings Required to Use Document Server

This section lists the settings required for using Document Server function under the network environment.

### Ethernet

This section lists the settings required for using Document Server function with the Ethernet connection.

For details about how to specify the settings, see "Interface Settings".

| Menu                       | User Tool                    | Setting Requirements |
|----------------------------|------------------------------|----------------------|
| Interface Settings/Network | Machine IPv4 Address         | Necessary            |
| Interface Settings/Network | IPv4 Gateway Address         | As required          |
| Interface Settings/Network | DNS Configuration            | As required          |
| Interface Settings/Network | DDNS Configuration           | As required          |
| Interface Settings/Network | Domain Name                  | As required          |
| Interface Settings/Network | WINS Configuration           | As required          |
| Interface Settings/Network | Effective Protocol           | Necessary            |
| Interface Settings/Network | Ethernet Speed               | As required          |
| Interface Settings/Network | LAN Type                     | Necessary            |
| Interface Settings/Network | Permit SNMPv3 Communication  | As required          |
| Interface Settings/Network | Permit SSL/TLS Communication | As required          |
| Interface Settings/Network | Host Name                    | As required          |

#### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[LAN Type]** is displayed when the wireless LAN interface board is installed. When both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.

#### Reference

p.48 "Interface Settings"

## IEEE 802.11b (wireless LAN)

This section lists the settings required for using Document Server function with an IEEE 802.11b (wireless LAN) connection.

For details about how to specify the settings, see "Interface Settings".

| Menu                                | User Tool                    | Setting Requirements |
|-------------------------------------|------------------------------|----------------------|
| Interface Settings/Network          | Machine IPv4 Address         | Necessary            |
| Interface Settings/Network          | IPv4 Gateway Address         | As required          |
| Interface Settings/Network          | DNS Configuration            | As required          |
| Interface Settings/Network          | DDNS Configuration           | As required          |
| Interface Settings/Network          | Domain Name                  | As required          |
| Interface Settings/Network          | WINS Configuration           | As required          |
| Interface Settings/Network          | Effective Protocol           | Necessary            |
| Interface Settings/Network          | LAN Type                     | Necessary            |
| Interface Settings/Network          | Permit SNMPv3 Communication  | As required          |
| Interface Settings/Network          | Permit SSL/TLS Communication | As required          |
| Interface Settings/Network          | Host Name                    | As required          |
| Interface Settings/<br>IEEE 802.11b | Communication Mode           | Necessary            |
| Interface Settings/<br>IEEE 802.11b | SSID Setting                 | As required          |
| Interface Settings/<br>IEEE 802.11b | Channel                      | As required          |
| Interface Settings/<br>IEEE 802.11b | Security Method              | As required          |
| Interface Settings/<br>IEEE 802.11b | Transmission Speed           | As required          |

### Note

- ☐ For the Effective Protocol setting, check that the protocol you want to use is set to **[Active]**.
- ☐ **[IEEE 802.11b]** and **[LAN Type]** are displayed when the wireless LAN interface board is installed. When both Ethernet and wireless LAN (IEEE 802.11b) are connected, the selected interface takes precedence.

### Reference

p.48 "Interface Settings"

## Using Utilities to Make Network Settings

This section describes how to make network settings using utilities.

You can also specify network settings using utilities such as Web Image Monitor, SmartDeviceMonitor for Admin, and telnet.

### Note

- ☐ For details about using Web Image Monitor, see "Using Web Image Monitor", Network Guide.
- ☐ For details about using SmartDeviceMonitor for Admin, see "Using SmartDeviceMonitor for Admin", Network Guide.
- ☐ For Details about using telnet, see "Remote Maintenance", Network Guide.

### Reference

"Using Web Image Monitor", Network Guide

"Using SmartDeviceMonitor for Admin", Network Guide

"Remote Maintenance by telnet", Network Guide

## Interface Settings

This section describes how to make Interface settings using utilities.

Change settings by using Web Image Monitor, SmartDeviceMonitor for Admin, and telnet.

### ❖ [Network] → [Machine IPv4 Address] → [Auto-Obtain (DHCP)]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Can be used for specifying the setting.

### ❖ [Network] → [Machine IPv4 Address] → [Specify] → [IPv4 Address]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Can be used for specifying the setting.

### ❖ [Network] → [Machine IPv4 Address] → [Specify] → [Sub-net Mask]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Can be used for specifying the setting.

### ❖ [Network] → [IPv4 Gateway Address]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Can be used for specifying the setting.

- ❖ **[Network] → [Machine IPv6 Address] → [Manual Configuration Address]**
  - Web Image Monitor: Can be used for specifying the setting.
  - SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
  - telnet: Can be used for specifying the setting.
- ❖ **[Network] → [IPv6 Gateway Address]**
  - Web Image Monitor: Can be used for specifying the setting.
  - SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
  - telnet: Can be used for specifying the setting.
- ❖ **[Network] → [IPv6 Stateless Address Autoconfiguration]**
  - Web Image Monitor: Can be used for specifying the setting.
  - SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
  - telnet: Can be used for specifying the setting.
- ❖ **[Network] → [DNS Configuration] → [Auto-Obtain (DHCP)]**
  - Web Image Monitor: Can be used for specifying the setting.
  - SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
  - telnet: Can be used for specifying the setting.
- ❖ **[Network] → [DNS Configuration] → [Specify] → "DNS Server 1-3"**
  - Web Image Monitor: Can be used for specifying the setting.
  - SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
  - telnet: Can be used for specifying the setting.
- ❖ **[Network] → [DDNS Configuration]**
  - Web Image Monitor: Can be used for specifying the setting.
  - SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
  - telnet: Can be used for specifying the setting.
- ❖ **[Network] → [Domain Name] → [Auto-Obtain (DHCP)]**
  - Web Image Monitor: Can be used for specifying the setting.
  - SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
  - telnet: Can be used for specifying the setting.
- ❖ **[Network] → [Domain Name] → [Specify] → [Domain Name]**
  - Web Image Monitor: Can be used for specifying the setting.
  - SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
  - telnet: Can be used for specifying the setting.

❖ **[Network] → [WINS Configuration] → [On] → "Primary WINS Server"**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [WINS Configuration] → [On] → "Secondary WINS Server"**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [WINS Configuration] → [On] → "Scope ID"**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [WINS Configuration] → [Off]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [Effective Protocol] → "IPv4"**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: You can specify the TCP/IP settings if SmartDeviceMonitor for Admin is communicating with the machine using IPX/SPX.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [Effective Protocol] → "IPv6"**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [Effective Protocol] → "NetWare"**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: You can specify the IPX/SPX settings if SmartDeviceMonitor for Admin is communicating with the machine using TCP/IP.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [Effective Protocol] → "SMB"**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Can be used for specifying the setting.

**❖ [Network] → [Effective Protocol] → "AppleTalk"**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Can be used for specifying the setting.

**❖ [Network] → [NCP Delivery Protocol] → [IPX Priority]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

**❖ [Network] → [NCP Delivery Protocol] → [TCP / IP Priority]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

**❖ [Network] → [NCP Delivery Protocol] → [IPX Only]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

**❖ [Network] → [NCP Delivery Protocol] → [TCP / IP Only]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

**❖ [Network] → [NW Frame Type] → [Auto Select]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

**❖ [Network] → [NW Frame Type] → [Ethernet II]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

**❖ [Network] → [NW Frame Type] → [Ethernet 802.2]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [NW Frame Type] → [Ethernet 802.3]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [NW Frame Type] → [Ethernet SNAP]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [SMB Computer Name]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [SMB Work Group]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [Ethernet Speed]**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[Network] → [LAN Type] → [Ethernet]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [LAN Type] → [IEEE 802.11b]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[Network] → [Ping Command]**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

**❖ [Network] → [Permit SNMPv3 Communication] → [Encryption Only]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

**❖ [Network] → [Permit SNMPv3 Communication] → [Encryption / Clear Text]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

**❖ [Network] → [Permit SSL / TLS Communication] → [Ciphertext Only]**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

**❖ [Network] → [Permit SSL / TLS Communication] → [Ciphertext Priority]**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

**❖ [Network] → [Permit SSL / TLS Communication] → [Ciphertext / Clear Text]**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

**❖ [Network] → [Host Name]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Can be used for specifying the setting.
- telnet: Can be used for specifying the setting.

**❖ [Network] → [Machine Name]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

**❖ [IEEE 802.11b] → [Communication Mode] → [802.11 Ad-hoc Mode]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[IEEE 802.11b] → [Communication Mode] → [Ad-hoc Mode]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[IEEE 802.11b] → [Communication Mode] → [Infrastructure Mode]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[IEEE 802.11b] → [SSID Setting]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[IEEE 802.11b] → [Channel]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[IEEE 802.11b] → [Security Method]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

❖ **[IEEE 802.11b] → [Transmission Speed]**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Can be used for specifying the setting.

---

## File Transfer

---

Change settings by using Web Image Monitor, SmartDeviceMonitor for Admin, and telnet.

### ❖ [File Transfer] → [SMTP Server]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

### ❖ [File Transfer] → [SMTP Authentication]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

### ❖ [File Transfer] → [POP before SMTP]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

### ❖ [File Transfer] → [Reception Protocol] → [POP3]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

### ❖ [File Transfer] → [Reception Protocol] → [IMAP4]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

### ❖ [File Transfer] → [Reception Protocol] → [SMTP]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

### ❖ [File Transfer] → [POP3 / IMAP4 Settings]

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[File Transfer] → [Administrator's E-mail Address]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[File Transfer] → [E-mail Communication Port]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[File Transfer] → [E-mail Reception Interval]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[File Transfer] → [Max. Reception E-mail Size]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[File Transfer] → [E-mail Storage in Server]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[File Transfer] → [Default User Name / Password (Send)]**

- Web Image Monitor: Can be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[File Transfer] → [Scanner Resend Interval Time]**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

❖ **[File Transfer] → [Number of Scanner Resends]**

- Web Image Monitor: Cannot be used for specifying the setting.
- SmartDeviceMonitor for Admin: Cannot be used for specifying the setting.
- telnet: Cannot be used for specifying the setting.

# 2. System Settings

This chapter describes user tools in the System Settings menu. For details on how to access System Settings, see "Accessing User Tools".

## General Features

This section describes the user tools in the General Features menu under System Settings.

Default settings are shown in **bold type**.

### ❖ Program / Change / Delete User Text

You can register text phrases you often use when specifying settings, such as ".com" and "Regards".

You can register up to 40 entries.

Program / Change:

- ① Press [**System Settings**].
- ② Check that [**General Features**] is selected.
- ③ Press [**Program / Change / Delete User Text**].
- ④ Check that [**Program / Change**] is selected.
- ⑤ Select the user text you want to change.  
To program new user text, press [**Not Programmed**].
- ⑥ Enter the user text, and then press [**OK**].  
Enter the user text using up to 80 characters.
- ⑦ Press [**Exit**].
- ⑧ Press the [**User Tools/Counter**] key.

Delete:

- ① Press [**System Settings**].
- ② Check that [**General Features**] is selected.
- ③ Press [**Program / Change / Delete User Text**].
- ④ Press [**Delete**].
- ⑤ Select the user text you want to delete.
- ⑥ Press [**Yes**].
- ⑦ Press [**Exit**].
- ⑧ Press the [**User Tools/Counter**] key.

### ❖ Panel Key Sound

The beeper (key tone) sounds when a key is pressed.  
The default setting is **On**.

**❖ Warm-up Beeper (copier/Document Server)**

You can have the beeper sound when the machine becomes ready to copy after leaving Energy Saver mode, or when the power is turned on.

The default setting is **On**.

If the Panel Tone setting is **[Off]**, the beeper does not sound, whatever the Warm Up Notice setting.

**❖ Copy Count Display (copier/Document Server)**

The copy counter can be set to show the number of copies made (count up) or the number of copies yet to be made (count down).

The default setting is **Up**.

**❖ Function Priority**

Specify the mode to be displayed immediately after the operation switch is turned on, or when System Reset mode is turned on.

The default setting is **Copier**.

**❖ Print Priority**

Print Priority is given to the mode selected.

The default setting is **Display Mode**.

When **[Interleave]** is selected, the current print job will be interrupted after a maximum of five sheets.

**❖ Function Reset Timer**

You can set the length of time the machine waits before changing modes when using the multi-access function.

This is useful if you are making many copies and have to change settings for each copy. If you set a longer reset period, you can prevent interruption from other functions.

The default setting is **Set Time**.

When you select **[Set Time]**, enter the time (3–30 seconds, in 1 second increments) using the number keys.

The default setting for Function Reset Time is **3 second(s)**.

The Function Reset Timer setting is ignored if Interleave is set for Print Priority.

**❖ Interleave Print**

You can set the timing for changing modes when **[Print Priority]** has been set to **[Interleave]**.

The default setting is **10 sheet(s)**.

You can set the number from 1 to 20 sheets using the number keys.

**❖ Output: Document Server**

Specify a tray to which documents are delivered.

The default setting is **Upper Paper Exit**.

**❖ Output: Printer**

Specify a tray to which documents are delivered.

The default setting is **Upper Paper Exit**.

❖ **Original Feed Delay 1**

Specify the duration of delay before an original is fed into the machine after being set. If originals frequently feed in slanted, or you are using special originals, set the delay accordingly.

The default setting is **1 second(s)**.

The time can be set from 0 to 5 seconds.

❖ **Original Feed Delay 2**

Specify the duration of the pause immediately after originals are first fed into the machine. If originals frequently feed in slanted, or you are using special originals, set the delay accordingly.

The default setting is **1 second(s)**.

The time can be set from 1 to 5 seconds.

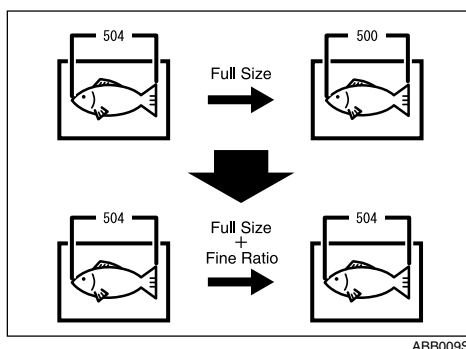
❖ **Feed Start Method**

Specify whether feeding starts automatically or after pressing the **[Start]** Key.

The default setting is **Auto**.

❖ **Fine Ratio Adjustment: Copier**

Depending on paper type, environment, and humidity, copy paper can expand or shrink slightly. This means that the size of the copy and the original do not match. If this happens, specify the vertical and horizontal correction ratio. You can specify this setting for each paper type (plain, translucent, film and recycled paper)



The default setting is Vertical: **0.0%** / Horizontal: **0.0%**.

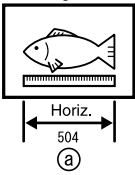
Specify the ratio between **-1.0%** and **1.0%** (in 0.1% increments)

To set the Fine Ratio setting, measure the length of the original and the copy image to calculate the ratio.

**Calculating the Correction Value (%)**

Example)

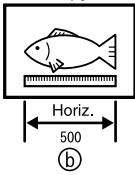
Original



(a)

➔

Copy



(b)

To copy at the same size as the original

$$\frac{(a) - (b)}{(b)} \times 100 = \text{correction value}(\%)$$

... For the example above:

$$\frac{(504 - 500)}{500} \times 100 = 0.8\%$$

↓

Set the correction value (horizontal) to 0.8%.

ZEDG010E

### ❖ Fine Ratio Adjustment: Printer

Specify the fine ratio when the optional printer is installed. Depending on paper type, environment, and humidity, copy paper can expand or shrink slightly. This means that the size of the copy and the original do not match. When the horizontal ratios are almost the same and there are differences between the vertical ratios, you can specify the vertical correction ratio. You can make this setting for each paper type (plain, translucent, film and recycled paper).

The default setting is **0.0%**.

Specify the ratio between -1.0% and 1.0% (in 0.1% increments).

For details about how to set the fine ratio, see "Fine Ratio Adjustment: Copier".

### ❖ Adjust Scan Position

You can adjust the position of the scan area.

The default setting is **0**.

Specify the scan position between -10 and +10 (in 1 increments).

### ❖ System Status/Job List Display Time

Specify how long to display the System Status and Job List display for.

The default setting is **On, 15 second(s)**.

By selecting **[On]**, you can specify a display time between 10 and 999 seconds.

### ❖ Key Repeat

You can enable or disable repetition of an operation if a key on the screen or control panel is pressed continuously.

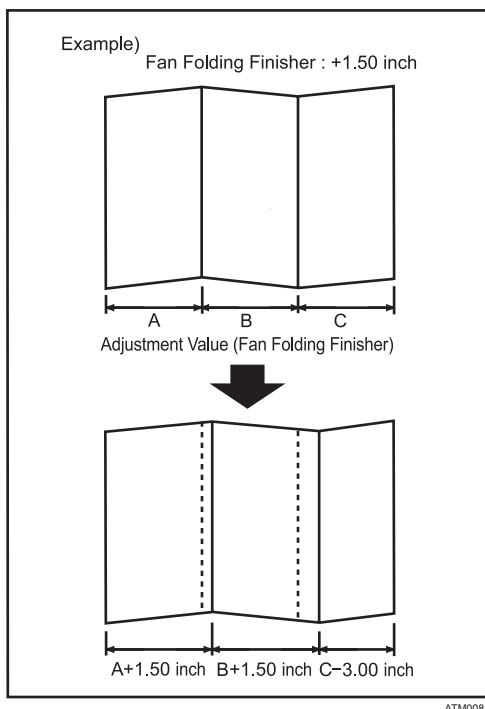
The default setting is **Normal**.

## ❖ Fold Width Fine Adjustment

Adjusts the fan fold width.

"Adjustment Value (Fan Folding Finisher)" adjusts the Fan Fold width (shown as A, B, and C in the figure below).

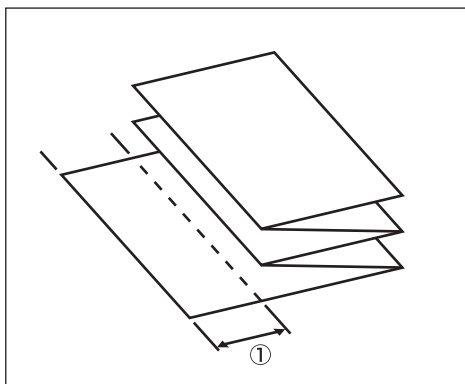
This menu appears only when the folding finisher is installed.



The default setting is **0.0 mm** (Metric version) / **0.00 inch** (Inch version).  
Enter a value in 0.5 mm units in the ranging from -6.0 mm (-0.24 inch) to 6.0 mm (0.24 inch).

### ❖ Margin Fold Margin Adjustment

Adjusts the margin width ((1) in the figure below) when **[Fan Fold 8<sup>1</sup>/<sub>2</sub>inch (Margin Fold)]** is selected.



ATL011S

This menu appears only when the folding finisher is installed.

The default setting is **40 mm** (Metric version) / **1.50 inch** (Inch version).

Use the number keys to enter a value in 1 mm units in the ranging from 35 mm (1.00 inch) to 40 mm (1.50inch).

### 🔍 Reference

p.3 "Accessing User Tools"

"Function Compatibility", Copy / Document Server Reference

---

## Output tray settings

---

When the folding finisher is installed and a folding option is selected, either the lower paper exit or the folding finisher will be used for paper output, regardless of the current paper exit setting.

If the folding finisher is used for paper output, the tray used will differ, depending on the fold type selected.

# Tray Paper Settings

This section describes the user tools in the Tray Paper Settings menu under System Settings.

Default settings are shown in **bold type**.

## Important

- ☐ If the specified paper size differs from the actual size of the paper loaded in the paper tray, a misfeed might occur because the correct paper size was not detected.

### ❖ Paper Tray Priority: Copier (copier/Document Server)

Specify the tray to supply paper for output.

The default setting is **Tray 1**.

When optional cut paper tray is installed, the default setting will be the cut paper tray.

When optional paper roll tray or optional cut paper tray is installed, **[Tray 2]** is displayed.

When optional two paper rolls tray and cut paper tray are installed, **[Tray 3]** is displayed.

### ❖ Paper Tray Priority: Printer

Specify the tray to supply paper for output.

The default setting is **Tray 1**.

When optional paper roll tray or optional cut paper tray is installed, **[Tray 2]** is displayed.

When optional two paper rolls tray and cut paper tray are installed, **[Tray 3]** is displayed.

## ❖ Tray Paper Size: Tray 1

Select the size of the paper loaded in the paper tray.

Metric version:

- A Series:  
A0 Width (841 mm), A1 Width (594 mm), A2 Width (420 mm), A3 Width (297 mm), A4 Width (210 mm)
- JIS B Series:  
B1 JIS Width (728 mm), B2 JIS Width (515 mm), B3 JIS Width (364 mm), B4 JIS Width (257 mm)
- Others:  
880 mm, 800 mm, 707 mm, 660 mm, 625mm, 620mm, 440 mm

Inch version:

- Engineering:  
34 inch, 22 inch, 17 inch, 11 inch, 8<sup>1</sup>/<sub>2</sub> inch
- Architecture:  
36 inch / 914 mm, 24 inch, 18 inch, 12 inch, 9 inch
- Others:  
30 inch

The default setting is **A0 Width (841 mm)** (Metric version) / **36 inch / 914 mm** (Inch version).

❖ **Tray Paper Size: Tray 2**

Select the size of the paper loaded in the paper tray.

- When two paper rolls tray is installed









Metric version:

- A Series:  
A0 Width (841 mm), A1 Width (594 mm), A2 Width (420 mm), A3 Width (297 mm), A4 Width (210 mm)
- JIS B Series:  
B1 JIS Width (728 mm), B2 JIS Width (515 mm), B3 JIS Width (364 mm), B4 JIS Width (257 mm)
- Others:  
880 mm, 800 mm, 707 mm, 660 mm, 625 mm, 620 mm, 440 mm

Inch version:

- Engineering:  
34 inch, 22 inch, 17 inch, 11 inch, 8<sup>1</sup>/<sub>2</sub> inch
- Architecture:  
36 inch/914 mm, 24 inch, 18 inch, 12 inch, 9 inch
- Others:  
30 inch









The default setting is **A2 Width (420 mm)** (Metric version) / **18 inch** (Inch version).



- When paper roll tray and cut paper tray are installed  
A3 , B4 JIS , A4 , 12" × 18" , 11" × 17" , 8<sup>1</sup>/<sub>2</sub>" × 14" , 8<sup>1</sup>/<sub>2</sub>" × 13" , 8<sup>1</sup>/<sub>2</sub>" × 11" 

The default setting is **A4 ** (Metric version) / **12" × 18" ** (Inch version).

❖ **Tray Paper Size: Tray 3**


































Select the size of the paper loaded in the paper tray.

A3 , B4 JIS , A4 , 12" × 18" , 11" × 17" , 8<sup>1</sup>/<sub>2</sub>" × 14" , 8<sup>1</sup>/<sub>2</sub>" × 13" , 8<sup>1</sup>/<sub>2</sub>" × 11" 

The default setting is **A4 ** (Metric version) / **12" × 18" ** (Inch version).

❖ **Printer Bypass Paper Size**

Specify the size of the paper in the paper bypass when printing data from the computer.

A0 , B1 JIS , A1 , A1 , B2 JIS , B2 JIS , A2 , A2 , B3 JIS , B3 JIS , A3 , A3 , B4 JIS , B4 JIS , A4 , 36" × 48" , 34" × 44" , 30" × 42" , 24" × 36" , 24" × 36" , 22" × 34" , 22" × 34" , 18" × 24" , 18" × 24" , 17" × 22" , 17" × 22" , 12" × 18" , 12" × 18" , 11" × 17" , 11" × 17" , 9" × 12" , 8<sup>1</sup>/<sub>2</sub>" × 14" , 8<sup>1</sup>/<sub>2</sub>" × 11" , Custom Size

You can specify a custom size of between 257.0 - 2000.0 mm (10.12" - 78.74") vertically, and between 210.0 - 914.4 mm (8.27" - 36.00") horizontally.

❖ **Paper Type: Paper Bypass**

Sets the display so you can see what type of paper is loaded in the paper bypass.

- The paper types you can set for the paper bypass are as follows:

No Display, Recycled Paper, Translucent Paper, Film

The default setting is **No Display**.

❖ **Paper Type: Tray 1–3**


Sets the display so you can see what type of paper is loaded in each paper tray. The print function uses this information to automatically select the paper tray.

- The paper types you can set for the paper bypass are as follows:

No Display, Recycled Paper, Translucent Paper, Film

The default setting for "Paper Type" is **No Display**.

The default setting for "Apply Auto Paper Select" is **Yes**.

A  mark appears next to the paper tray if **[No]** is selected in Auto Paper Select.

When cut paper tray is installed, you cannot select **[Translucent Paper]** and **[Film]**.

❖ **Paper Thickness: Paper Tray**

Specify the thickness of paper loaded in the paper trays.

If the copy image blurs or the translucent paper loosens, changing the paper thickness level may improve results.

The default setting for "Plain Paper" is **3**.

The default setting for "Recycled Paper" is **3**.

The default setting for "Translucent Paper" is **2**.

The default setting for "Film" is **3**.

Refer to the chart below when selecting the mode for the paper thickness.

| Thickness<br>Paper type | 1  | 2  | 3  | 4  | 5                                |
|-------------------------|--|--|--|--|----------------------------------|
| Plain Paper             | 110 g/m <sup>2</sup><br>(29.3 lb)        | 90 g/m <sup>2</sup><br>(23.9 lb)         | 70 g/m <sup>2</sup><br>(18.6 lb)         | 60 g/m <sup>2</sup><br>(15.9 lb)         | 50 g/m <sup>2</sup><br>(13.3 lb) |
| Recycled<br>Paper       | 110 g/m <sup>2</sup><br>(29.3 lb)        | 90 g/m <sup>2</sup><br>(23.9 lb)         | 70 g/m <sup>2</sup><br>(18.6 lb)         | 60 g/m <sup>2</sup><br>(15.9 lb)         | 50 g/m <sup>2</sup><br>(13.3 lb) |
| Translucent<br>Paper    | 70–90 g/m <sup>2</sup><br>(18.6–23.9 lb) | 70–80 g/m <sup>2</sup><br>(18.6–21.3 lb) | 70–80 g/m <sup>2</sup><br>(18.6–21.3 lb) | 50–70 g/m <sup>2</sup><br>(13.3–18.6 lb) | Hemmed<br>paper                  |
| Film                    | 0.07–0.095<br>mm<br>(2.8–3.7 Mil)        | 0.07–0.095<br>mm<br>(2.8–3.7 Mil)        | 0.07–0.095<br>mm<br>(2.8–3.7 Mil)        | 0.07–0.095<br>mm<br>(2.8–3.7 Mil)        | —                                |

When Plain Paper is used for printing in a low-temperature environment (temperature 10 °C, humidity 15%), change the thickness level from 3 to 2.

If the paper becomes loose when **[Translucent Paper]** is selected with a thickness level of 2, change the thickness level to 1.

These settings do not apply for hemmed paper.

Depending on paper type, operating conditions (low temperature and humidity), and paper feeding settings (multiple copies on paper of 542 mm, 22" width or less), toner fusing conditions vary. To improve toner fusing, change the thickness level to 3 → 2 → 1.

When using thin, soft, or limp paper, toner fusing may appear wrinkled or the image may be blurred. If this happens, change the thickness level to 3 → 4 → 5. When level 1 or 2 are selected for translucent paper, and you change the paper type from plain or film to translucent, it may take longer for the machine to get ready for copying (up to two minutes).

When level 1 or 2 are selected for translucent paper, and you make copies on paper of size A1 or above continuously, the interval between each copying may take longer. Even if you make copy on one sheet only, it may takes 1 minute until the next copy job starts.

### ❖ Paper Thickness: Paper Bypass

Specify the thickness of paper placed in the paper bypass.

If the copy image blurs or the translucent paper becomes loose, changing the paper thickness level may improve the situation.

The default setting for "Plain Paper" is 3.

The default setting for "Recycled Paper" is 3.

The default setting for "Translucent Paper" is 2.

The default setting for "Film" is 3.

For information on the available settings, see the table titled "Paper Thickness: Paper Tray."

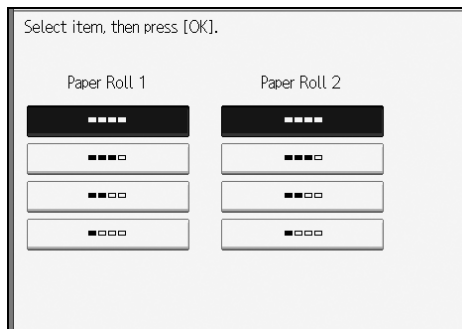
### ❖ Paper Volume

Specify the initial remaining volume of roll paper to be displayed for each paper tray.

The system monitors the amount of paper used, and automatically determines the remaining volume, based on the specified initial remaining volume.

We recommend that you specify an appropriate remaining volume each time a paper tray is loaded.

Select "New (Full)" when a paper tray is loaded with a new 150 m roll of paper.



The default setting is **New (Full)**.

### 🔍 Reference

p.3 "Accessing User Tools"

## Timer Settings

This section describes the user tools in the Timer Settings menu under System Settings.

Default settings are shown in **bold type**.

**2**

### ❖ Auto Off Timer

After a specified period has passed, following job completion, the machine automatically turns off, in order to conserve energy. This function is called "Auto Off". The machine status after the Auto Off operation is referred to as "Off mode", or "Sleep mode". For the Auto Off Timer, specify the time to elapse before Auto Off.

The default setting is **14 min.**

The time can be set between 10 seconds and 240 minutes, using the number keys.

The machine takes about 2 minutes to reach operation readiness after turning the power on or leaving sleep mode.

Auto Off may not work when error messages appear.

### ❖ Energy Saver Timer

Set the amount of time the machine waits before switching to lower-power mode after copying has finished or the last operation is performed.

The default setting is **7 min.**

The time can be set from 1 to 240 minutes, using the number keys.

### ❖ Panel Off Timer

Set the amount of time the machine waits before switching the panel off after copying has finished or the last operation is performed.

The warm up time for making a copy from standby mode is 3 seconds for Panel off Level 1 and 15 seconds for Panel off Level 2.

The default setting is **On, 1 min.**

The time can be set between 10 seconds and 240 minutes, using the number keys.

### ❖ System Auto Reset Timer

The System Reset setting automatically switches the screen to that of the function set in Function Priority when no operations are in progress, or when an interrupted job is cleared. This setting determines the system reset interval.

The default setting is **On, 60 second(s)**.

The time can be set from 10 to 999 seconds, using the number keys.

### ❖ Copier / Document Server Auto Reset Timer

Specifies the time to elapse before copier and Document Server modes reset.

The default setting is **On, 60 second(s)**.

The time can be set from 10 to 999 seconds, using the number keys.

If **[Off]** is selected, the machine does not automatically switch to the user code entry screen.

**❖ Printer Auto Reset Timer**

Specifies the time to elapse before the printer function resets.

The default setting is **On, 60 second(s)**.

The time can be set from 10 to 999 seconds, using the number keys.

**❖ Scanner Auto Reset Timer**

Specifies the time to elapse before the scanner function resets.

The default setting is **On, 60 second(s)**.

The time can be set from 10 to 999 seconds, using the number keys.

If **[Off]** is selected, the machine will not automatically switch to the user code entry screen.

**❖ Set Date**

Set the date for the copier's internal clock using the number keys.

To change between year, month, and day, press **[←]** and **[→]**.

**❖ Set Time**

Set the time for the copier's internal clock using the number keys.

Enter the time using the 24-hour format (in 1 second increments).

To change between hours, minutes and seconds, press **[←]** and **[→]**.

**❖ Auto Logout Timer**

Specify whether or not to automatically log out a user when the user does not operate the machine for a specified period of time after logging in.

The default setting is **Off**.

The time can be set from 60 to 999 seconds, in one second increments, using the number keys.

**🔍 Reference**

p.3 "Accessing User Tools"

# Interface Settings

This section describes the user tools in the Interface Settings menu under System Settings.

Default settings are shown in **bold type**.

## 2

### Network

This section describes the user tools in the Network menu under Interface Settings.

#### ❖ Machine IPv4 Address

Before using this machine in the network environment, you must specify the IPv4 address and subnet mask.

The default setting is **Auto-Obtain (DHCP)**.

When you select **[Specify]**, enter the IPv4 address and subnet mask as "xxx.xxx.xxx.xxx" ("x" indicates a number).

When you select **[Specify]**, make sure that IPv4 address is different from that of other machines on the network.

The physical address (MAC address) also appears.

#### ❖ IPv4 Gateway Address

A gateway is a connection or interchange point between two networks.

Specify the gateway address for the router or host computer used as a gateway.

The default setting is **000.000.000.000**.

#### ❖ Machine IPv6 Address

Specify the machine's IPv6 network address.

- Link-local Address  
The machine's specified link-local address appears.
- Manual Configuration Address  
The machine's manually configured address appears.
- Stateless Address: 1-5  
The specified stateless address appears.

#### ❖ IPv6 Gateway Address

Displays the machine's IPv6 gateway address.

#### ❖ IPv6 Stateless Address Autoconfiguration

Specify IPv6 Stateless Address Autoconfiguration.

The default setting is **Active**.

#### ❖ DNS Configuration

Make settings for the DNS server.

The default setting is **Auto-Obtain (DHCP)**.

When you select **[Specify]**, enter the DNS Server IPv4 address as "xxx.xxx.xxx.xxx" ("x" indicates a number).

❖ **DDNS Configuration**

Specify the DDNS settings.

The default setting is **Active**.

❖ **Domain Name**

Specify the domain name.

The default setting is **Auto-Obtain (DHCP)**.

When you select [**Specify**], enter the domain name using up to 63 characters.

❖ **WINS Configuration**

Specify the WINS server settings.

The default setting is **Off**.

If [**On**] is selected, enter the WINS Server IPv4 address as "xxx.xxx.xxx.xxx" ("x" indicates a number).

If DHCP is in use, specify the scope ID.

Enter a scope ID using up to 31 characters.

❖ **Effective Protocol**

Select the protocol to use in the network.

The default setting for "IPv4" is **Active**.

The default setting for "IPv6" is **Inactive**.

The default setting for "NetWare" is **Active**.

The default setting for "SMB" is **Active**.

The default setting for "AppleTalk" is **Active**.

❖ **NCP Delivery Protocol**

Select the protocol for NCP delivery.

The default setting is **TCP / IP Priority**.

If you select "IPX Only" or "TCP / IP Only", you cannot switch the protocol even if you cannot connect with it. If "NetWare" in [**Effective Protocol**] is set to "Inactive", you can only use TCP/IP.

❖ **NW Frame Type**

Select the frame type when you use NetWare.

The default setting is **Auto Select**.

❖ **SMB Computer Name**

Specify the SMB computer name.

Enter the computer name using up to 15 characters.

"\*+/,/;<>=?[\]|. and spaces cannot be entered.

Do not set a computer name starting with RNP and rnp.

Use uppercase letters for alphabets.

❖ **SMB Work Group**

Specify the SMB work group.

Enter the computer name using up to 15 characters.

"\*+/,/;<>=?[\]|. and spaces cannot be entered.

Use uppercase letters for alphabet.

❖ **Ethernet Speed**

Set the access speed for networks.

Select a speed that matches your network environment. **[Auto Select]** should usually be selected.

The default setting is **Auto Select**.

| Router/HUB          | Machine            |                    |                     |                     |             |
|---------------------|--------------------|--------------------|---------------------|---------------------|-------------|
|                     | 10Mbps Half Duplex | 10Mbps Full Duplex | 100Mbps Half Duplex | 100Mbps Full Duplex | Auto Select |
| 10Mbps Half Duplex  | ○                  | -                  | -                   | -                   | ○           |
| 10Mbps Full Duplex  | -                  | ○                  | -                   | -                   | -           |
| 100Mbps Half Duplex | -                  | -                  | ○                   | -                   | ○           |
| 100Mbps Full Duplex | -                  | -                  | -                   | ○                   | -           |
| Auto Select         | ○                  | -                  | ○                   | -                   | ○           |

❖ **LAN Type**

When you have installed the IEEE 802.11b interface unit, select the method of connection.

The default setting is **Ethernet**.

**[LAN Type]** is displayed when wireless LAN board is installed. If Ethernet and IEEE 802.11b (wireless LAN) are both connected, the selected interface has priority.

❖ **Ping Command**

Check the network connection with ping command using given IPv4 address. If you fail to connect to the network, check the following, and then retry the ping command.

- Make sure that "IPv4" in **[Effective Protocol]** is set to "Effective".
- Check that the machine with assigned IPv4 address is connected to the network.
- There is a possibility that the same IPv4 address is used for the specified equipment.

❖ **Permit SNMPv3 Communication**

Set the encrypted communication of SNMPv3.

The default setting is **Encryption / Clear Text**.

If you select to **[Encryption Only]**, you need to set an encryption password for the machine.

### ❖ Permit SSL / TLS Communication

Set the encrypted communication of SSL/TLS.

The default setting is **Ciphertext / Clear Text**.

If you set to **[Ciphertext Only]**, you need to install the SSL certificate for the machine.

### ❖ Host Name

Specify the host name.

Enter the host name using up to 63 characters.

### ❖ Machine Name

Specify the machine name.

Enter the machine name using up to 31 characters.

---

## IEEE 802.11b

---

This section describes the user tools in the IEEE 802.11b menu under Interface Settings.

**[IEEE 802.11b]** is displayed when this machine is installed with the wireless LAN interface board.

Be sure to make all settings simultaneously.

### ❖ Communication Mode

Specifies the communication mode of the wireless LAN.

The default setting is **802.11 Ad-hoc Mode**.

### ❖ SSID Setting

Specifies SSID to distinguish the access point in infrastructure mode or 802.11 ad hoc mode.

The characters that can be used are ASCII 0x20-0x7e (32 bytes).

If blank is specified in 802.11b ad hoc mode or ad hoc mode, "ASSID" appears.

### ❖ Channel

Specifies a channel when you select 802.11b ad hoc mode or ad hoc mode. The default setting is **11**.

The following channels are available:

- Metric version: 1-14
- Inch version: 1-11

## ❖ Security Method

Specifies the encryption of the IEEE 802.11b (wireless LAN).

The default setting is **Off**.

If you select **[WEP]**, always enter WEP key. If you select **[WPA]**, specify the encryption and authentication methods.

Specify "WPA", when **[Communication Mode]** is set to **[Infrastructure Mode]**.

- WEP

If you select "WEP", enter WEP key.

When using 64 bit WEP, up to 10 characters can be used for hexadecimal and up to five characters for ASCII. When using 128 bit WEP, up to 26 characters can be used for hexadecimal and up to 13 characters for ASCII.

The number of characters that can be entered is limited to 10 or 26 for hexadecimal and 5 or 13 for ASCII.

- WPA

WPA Encryption Method:

Select either "TKIP" or "CCMP(AES)".

WPA Authent. Method:

Select either "WPA-PSK", "WPA", "WPA2-PSK" or "WPA2".

If you select "WPA-PSK" or "WPA2-PSK", enter the pre-shared key (PSK) of 8- 63 characters in ASCII code.

## ❖ Wireless LAN Signal

When using in infrastructure mode, you can check the machine's radio wave status using the control panel.

Radio wave status is displayed when you press **[Wireless LAN Signal]**.

## ❖ Transmission Speed

Specifies the communication speed of the IEEE 802.11b (wireless LAN).

The default setting is **Auto Select**.

## ❖ Restore Factory Defaults

You can return the IEEE 802.11b (wireless LAN) settings to their defaults.

## Reference

p.3 "Accessing User Tools"

# Print List

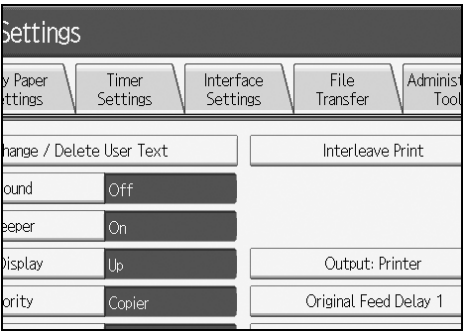
This section describes how to print the configuration page.  
 You can check items related to the network environment.  
 The configuration page shows the current network settings and network information.

**1** Press [System Settings].

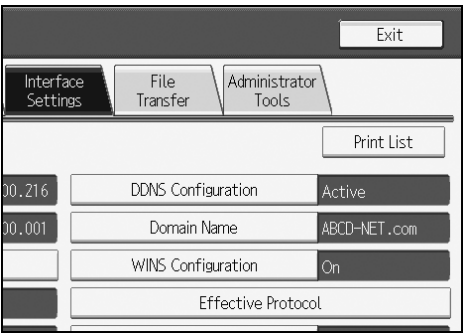


2

**2** Press [Interface Settings].



**3** Press [Print List].



**4** Press the [Start] key.

The configuration page is printed.

**5** Press [Exit].

**6** Press the [User Tools/Counter] key.

# File Transfer

This section describes the user tools in the File Transfer menu under System Settings. Default settings are shown in **bold type**.

## ❖ Delivery Option

Enables or disables sending stored or scanned documents to the ScanRouter delivery server.

The default setting is **Off**.

Specify this option when selecting whether or not to use the ScanRouter delivery software. If you do, you will have to preregister I/O devices in the ScanRouter delivery software.

## ❖ Capture Server IPv4 Address

Specify the capture server IPv4 address.

This setting appears when the media link board is installed, and that the capture function is being used by the ScanRouter delivery software.

## ❖ SMTP Server

Specify the SMTP server name.

If DNS is in use, enter the host name.

If DNS is not in use, enter the SMTP server IPv4 address.

The default setting for Port No. is **25**.

Enter the server name using up to 127 characters. Spaces cannot be entered.

Enter port number between 1 and 65535 using the number keys, and then press the **[#]** key.

## ❖ SMTP Authentication

Specify SMTP authentication (PLAIN, LOGIN, CRAMMD5, DIGEST-MD5).

When sending e-mail to an SMTP server, you can enhance the SMTP server security level using authentication that requires entering the user name and password.

If the SMTP server requires authentication, set **[SMTP Authentication]** to **[On]**, and then specify the user name, e-mail address, password and encryption.

The default setting is **Off**.

- Enter the user name using up to 191 characters.  
Spaces cannot be entered. Depending on the SMTP server type, "realm" must be specified. Add "@" after the user name, as in "user name@realm".
- Enter the password using up to 128 characters.  
Spaces cannot be entered.
- Select Encryption as follows:  
 "Encryption"-**[Auto]**  
 Use If the authentication method is PLAIN, LOGIN, CRAM-MD5, or DIGEST-MD5.  
 "Encryption"-**[On]**  
 Use If the authentication method is CRAMMD5 or DIGEST-MD5.  
 "Encryption"-**[Off]**  
 Use If the authentication method is PLAIN, or LOGIN.

❖ **POP before SMTP**

Specify POP authentication (POP before SMTP).

When sending e-mail to an SMTP server, you can enhance the SMTP server security level by connecting to the POP server for authentication.

The default setting is **Off**.

If you set POP before SMTP to **[On]**, specify the waiting time after authentication, user name, e-mail address and password.

- **Wait Time after Authent.:** **300 msec.**  
Specify "Wait Time after Authent." from zero to 10,000 milliseconds, in increments of one millisecond.
- **User Name**  
Enter the user name using up to 191 characters. Spaces cannot be entered.
- **E-mail Address**  
Enter the E-mail Address using up to 128 characters. Spaces cannot be entered.
- **Password**  
Enter the password using up to 128 characters. Spaces cannot be entered.  
To enable POP server authentication before sending e-mail via the SMTP server, set **[POP before SMTP]** to **[On]**. E-mail is sent to the SMTP server after the time specified for "Wait Time after Authent." has elapsed.  
If you select **[On]**, enter server name in POP3 / IMAP4 Settings. Also, check POP3 port number in E-mail Communication Port.

❖ **Reception Protocol**

Specify Reception Protocol for E-mail Notification function.

The default setting is **POP3**.

❖ **POP3 / IMAP4 Settings**

Specify the POP3/IMAP4 server name for E-mail Notification function.

The specified POP3/IMAP4 server name is used for **[POP before SMTP]**.

The default setting is **Auto**.

- **Server Name**  
If DNS is in use, enter the host name.  
If DNS is not in use, enter the POP3/IMAP4 or server IPv4 address.  
Enter POP3/IMAP4 server name using up to 127 characters. Spaces cannot be entered.
- **Select Encryption as follows:**  
"Encryption"-**[Auto]**: Password encryption is automatically set according to the POP/IMAP server settings.  
"Encryption"-**[On]**: Encrypt password.  
"Encryption"-**[Off]**: Do not encrypt password.

❖ **Administrator's E-mail Address**

Specify the Administrator's E-mail Address.

If a failure occurs in the machine or consumables need to be replaced, e-mail messages are sent to the Administrator's E-mail Address by E-mail Notification function.

On e-mailed scanned documents, if the sender is not specified this appears as the sender's address.

When sending e-mail, administrator's e-mail address will appear as the sender's address under the following conditions:

- The sender has not been specified and the machine's e-mail address has not been registered.
- The specified sender is not registered in the machine's address book and the machine's e-mail address has not been registered.

When conducting SMTP authentication for the transmitted files under the e-mail function, the Administrator's E-mail Address will appear in the "From:" box. If you have specified the user name and e-mail address in **[SMTP Authentication]**, make sure to specify this setting.

Enter up to 128 characters.

On e-mailed scanned documents, if **[Auto Specify Sender Name]** is **[Off]**, specify the sender.

❖ **E-mail Communication Port**

Specify the port numbers for receiving e-mails. The specified POP3 port number is used for POP before SMTP.

The default setting for POP3 is **110**.

The default setting for IMAP4 is **143**.

The default setting for SMTP is **25**.

Enter a port number between 1 and 65535 using the number keys, and then press the **[#]** key.

❖ **E-mail Reception Interval**

Specify, in minutes, the time interval for E-mail Notification function via POP3 or IMAP4 server.

The default setting is **On, 15 minute(s)**.

If **[On]** is selected, the time can be set from 2 to 1440 minutes in increments of one minute.

❖ **Max. Reception E-mail Size**

Specify the maximum reception e-mail size for receiving e-mails.

The default setting is **2MB**.

Enter a size from one to 50 MB in increments of one megabyte.

❖ **E-mail Storage in Server**

Specify whether or not to store received e-mails on the POP3 or IMAP4 server.

The default setting is **Off**.

### ❖ **Default User Name / Password (Send)**

Specify the user name and password required when sending scan files directly to a shared folder on a computer running Windows, to an FTP server, or to a NetWare server.

Enter in up to 64 characters.

### ❖ **Program / Change / Delete E-mail Message**

You can program, change, or delete the e-mail message used when sending a scan file as an attachment.

Program / Change:

- ① Press **[System Settings]**.
- ② Press **[File Transfer]**.
- ③ Press **[Program / Change / Delete E-mail Message]**.
- ④ Check that **[Program / Change]** is selected.
- ⑤ Press **[Not Programmed]**.
- ⑥ Press **[Change]**.
- ⑦ Enter a name, and then press **[OK]**.  
Enter the name using up to 20 characters.
- ⑧ Press **[Edit]**.  
To start a new line, press **[OK]** to return to the e-mail message screen, and then press **[▼Next]** in "Select Line to Edit:".
- ⑨ Enter the text, and then press **[OK]**.  
Enter up to five lines of text. Each line can consist of up to 80 characters.
- ⑩ Press **[OK]**.
- ⑪ Press **[Exit]**.
- ⑫ Press the **[User Tools/Counter]** key.

Delete:

- ① Press **[System Settings]**.
- ② Press **[File Transfer]**.
- ③ Press **[Program / Change / Delete E-mail Message]**.
- ④ Press **[Delete]**.
- ⑤ Select the e-mail message to delete.  
The confirmation message about deleting appears.
- ⑥ Press **[Yes]**.

**❖ Auto Specify Sender Name**

Set whether or not to specify the name of the sender when sending e-mail. The default setting is **Off**.

- **On**

If you select **[On]**, the specified e-mail address will appear in the "From:" box. If you do not specify the sender's address, the administrator's e-mail address will appear in the "From:" box.

If you do not specify the sender when sending a file by e-mail, or if the specified e-mail address is not registered in the machine's address book, the machine's e-mail address will appear in the "From:" box. If the machine does not have an e-mail address, the administrator's e-mail address will appear in the "From:" box.

- **Off**

If you select **[Off]**, the specified e-mail address will appear in the "From:" box, but you cannot send e-mail without specifying the sender's e-mail address.

**❖ Scanner Resend Interval Time**

Specifies the interval the machine waits before resending a scan file, if it cannot be sent to the delivery server or mail server.

The default setting is **300 second(s)**.

The interval time can be set from 60 to 900 seconds in one second increments, using the number keys.

This setting is for the scanner function.

**❖ Number of Scanner Resends**

Sets a maximum number of times a scan file is resent to the delivery server or mail server.

The default setting is **On, 3 time(s)**.

If **[On]** is selected, the number of times can be set from 1 to 99. This setting is for the scanner function.

This setting is for the scanner function.

**🔍 Reference**

p.3 "Accessing User Tools"

# Administrator Tools

This section describes the user tools in the Administrator Tools menu under System Settings.

Default settings are shown in **bold type**.

Administrator Tools are used by the administrator. To change these settings, contact the administrator.

We recommend specifying Administrator Authentication before making Administrator Tools settings.

## ❖ Address Book Management

You can add, change or delete information registered in the Address Book. For details, see "Address Book".

- Program / Change

You can register and change names as well as user codes.

- Names

You can register a name, key display, registration number, and title selection.

- Auth. Info

You can register a user code, and specify the functions available to each user code. You can also register user names and passwords to be used when sending e-mail, sending files to folders, or accessing an LDAP server.

- Protection

You can register a protection code.

- E-mail

You can register an e-mail address.

- Folder

You can register the protocol, path, port number, and server name.

- Add to Group

You can put names registered in the Address Book into a group.

- Delete

You can delete a name from the Address Book.

You can register up to 2,000 names.

You can register up to 500 user codes.

You can also register and manage names in the Address Book using Web Image Monitor or SmartDeviceMonitor for Admin.

### ❖ Address Book: Program / Change / Delete Group

Names registered in the Address Book can be added into a group. You can then easily manage the names registered in each group.

- Program / Change  
You can register and change groups.
  - Names  
You can register a name, key display, registration number, and title selection.
  - Programmed User/Group  
You can check the names or groups registered in each group.
  - Protection  
You can register a protection code.
  - Add to Group  
You can put groups registered in the Address Book into a group.
- Delete  
You can delete a group from the Address Book.

You can register up to 100 groups.

You can also register and manage groups in the Address Book using Web Image Monitor or SmartDeviceMonitor for Admin.

Use SmartDeviceMonitor for Admin provided with the printer scanner unit.

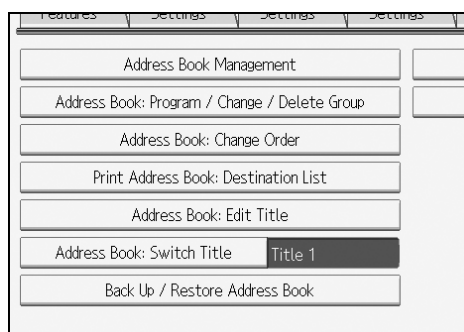
### ❖ Address Book: Change Order

Changes the order of registered names.

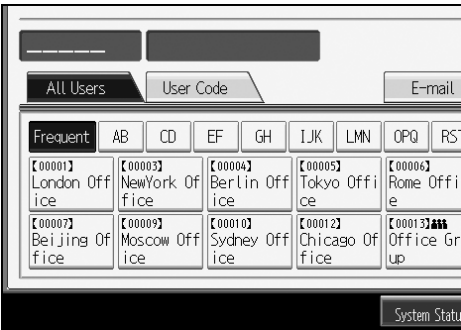
You can rearrange the order of items on the same page, but you cannot move items to another page.

For example, you cannot move an item from "PLANNING" ([OPQ]) to "DAILY" ([CD]).

- ① Press **[System Settings]**.
- ② Press **[Administrator Tools]**.
- ③ Press **[Address Book: Change Order]**.

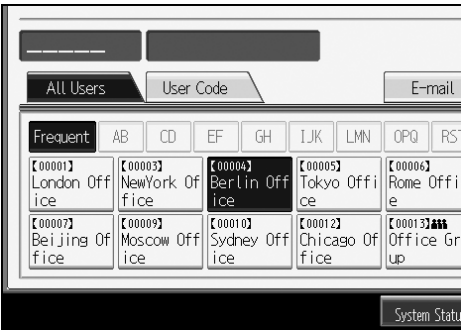


④ Press the name key to be moved.



You can select a name using the number keys.

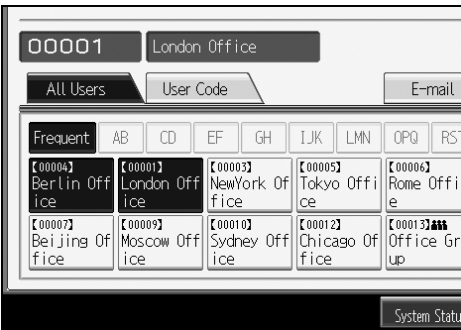
⑤ Press the name key in the place you want to move it to.



The user key is moved to the selected position, and the user key currently at the selected position is moved forward or backward.

If you move the selected user key forward, the user key currently at the selected position is moved backward.

If you move the selected user key backward, the user key currently at the selected position is moved forward.



You can also select a name using the number keys.

## ❖ **Print Address Book: Destination List**

You can print the destination list registered in the Address Book.

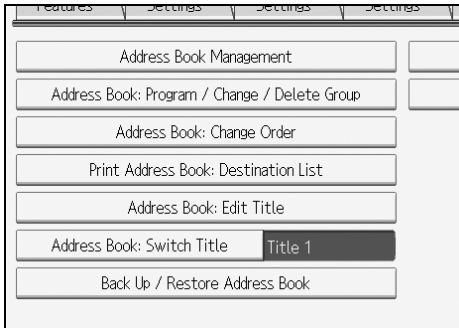
- **Print in Title 1 Order**  
Prints the Address Book in Title 1 order.
- **Print in Title 2 Order**  
Prints the Address Book in Title 2 order.
- **Print in Title 3 Order**  
Prints the Address Book in Title 3 order.
- **Print Group Dial List**  
Prints the group Address Book.

- ① Press **[System Settings]**.
- ② Press **[Administrator Tools]**.
- ③ Press **[Print Address Book: Destination List]**.
- ④ Select the print format.
- ⑤ Press the **[Start]** key.  
The list prints out.

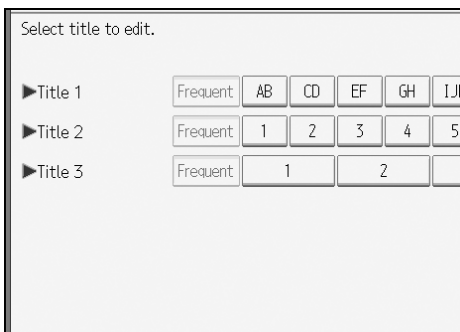
❖ **Address Book: Edit Title**

You can edit the title to easily find a user.

- ① Press **[System Settings]**.
- ② Press **[Administrator Tools]**.
- ③ Press **[Address Book: Edit Title]**.



- ④ Press the title key you want to change.



- ⑤ Enter the new name, and then press **[OK]**.
- ⑥ Press **[OK]**.

❖ **Address Book: Switch Title**

Specifies the title to select a name.  
The default setting is **Title 1**.

❖ **Back Up / Restore Address Book**

You can back up the machine's address book to external storage or restore the backup copy from the external storage.

You can use the built-in SD card device for backing up data. For details about using SD cards, contact your local service representative.

- **Back Up**  
You can back up the machine's address book to external storage.
- **Restore**  
You can restore the backup copy of the address book from external storage.
- **Format**  
You can format the external storage.
- **Obtain Media Info**  
The free space and occupied space of the external storage are displayed.

**❖ Display / Print Counter**

Allows you to view and print the number of prints.

- **Display / Print Counter**  
Displays the number of prints for each function (Total, Copier, Send Total, Printer, Scanner Send).
- **Print Counter List**  
Prints out a list of the number of prints made under each function.

**2****❖ Display / Clear / Print Counter per User**

Allows you to view and print the numbers of prints accessed with user codes, and to set those values to 0.

Press [**▲Previous**] and [**▼Next**] to show all the numbers of prints.

The number of prints may differ from the counter values shown in Display / Print Counter.

- **Print Counter List for All Users**  
Prints the counter value for all the users.
- **Clear Counter List for All Users**  
Resets the counter value for all the users.
- **Print Counter List per User**  
Prints the counter value for each user.
- **Clear Counter List per User**  
Resets the counter value for each user.
- **Select All on the Page**  
Select the all users on the page.

## ❖ User Authentication Management

- User Code Auth.

Using User Code Authentication, you can limit the available functions and supervise their use.

When using User Code Authentication, register the user code.

Using the Printer PC Control function, you can obtain a log of prints corresponding to the codes entered using the printer driver.

For details about Basic Authentication, Windows Authentication, LDAP Authentication, and Integration Server Authentication, consult your administrator.

- Copier
- Printer
- GL/2TIFF
- Printer: PC Control
- Document Server
- Scanner
- Basic Auth.
- Windows Auth.
- LDAP Auth.
- Integration Svr. Auth.
- Off

## ❖ Enhanced Authentication Management

For details about this function, consult your administrator.

## ❖ Administrator Authentication Management

For details about this function, consult your administrator.

## ❖ Program / Change Administrator

For details about this function, consult your administrator.

## ❖ Key Counter Management

Specify that functions you want to manage with the key counter.

## ❖ Extended Security

Specify whether or not to use the extended security functions. For details about the extended security functions, consult your administrator.

**❖ Auto Delete File in Document Server**

Specify whether documents stored in the Document Server will or will not be deleted after a specified period of time.

The default setting is **On, 3 day(s)**.

If you select **[On]**, documents stored subsequently are deleted after the specified period.

If you select **[On]**, documents are not automatically deleted.

If you select **[On]**, enter a number of days from 1 to 180 (in 1 day increments).

The default is 3 days, this means documents are deleted 3 days (72 hours) after they are stored.

**❖ Delete All Files in Document Server**

You can delete files stored in the Document Server, including files stored for Sample Print, Locked Print, Hold Print, and Stored Print under the printer function.

Even if a password is always set, all documents are deleted.

A confirmation message appears. To delete all documents, select **[Yes]**.

**❖ Program / Change / Delete LDAP Server**

Program the LDAP server to find up e-mail destinations in the LDAP server Address Book directly. This function is possible when sending scan files by e-mail using the scanner function.

To start an LDAP search, make sure that the items listed below are set. For other items, check your environment and make any necessary changes.

- Server Name
- Search Base
- Port Number
- Search Conditions
- Authentication

To use the LDAP server in Administrator Tools, select **[On]** under LDAP server. This function supports LDAP Version 2.0 and 3.0. Ver 2.0 does not support High Security authentication.

**❖ LDAP Search**

Specify whether or not to use the LDAP server for searching.

The default setting is **Off**.

If you select **[Off]**, the LDAP server list will not appear on the search display.

**❖ AOF (Always On)**

Specify whether or not to use Auto Off.

The default setting is **On**.

**❖ Firmware Version**

You can check the version of the software installed in this machine.

**❖ Network Security Level**

For details about this function, consult your administrator.

**❖ Auto Erase Memory Setting**

For details about this function, consult your administrator.

**❖ Erase All Memory**

For details about this function, consult your administrator.

**❖ Delete All Logs**

For details about this function, consult your administrator.

**❖ Transfer Log Setting**

For details about this function, consult your administrator.

**❖ Fixed USB Port**

Specify whether or not to fix the USB port.

The default setting is **Off**.

If a PC with the printer driver installed is connected to another device of the same model through the USB interface, selecting **[On]** for this option eliminates the need for additional installation of the driver to the PC.

**🔍 Reference**

p.3 “Accessing User Tools”

p.113 “Address Book”

p.128 “Printing the Counter for Each User”

p.180 “Counter”

# Programming the LDAP server

This section describes how to specify the LDAP server settings.

---

## To program / change the LDAP server

---

**2**

This section describes how to program / change the LDAP server.

- 1** Press [System Settings].
- 2** Press [Administrator Tools].
- 3** Press [▼Next] twice.
- 4** Press [Program / Change / Delete LDAP Server].
- 5** Check that [Program / Change] is selected.
- 6** Select the LDAP server you want to program or change.  
When programming the server, select [Not Programmed].
- 7** Set each item as necessary.
- 8** Press [OK] after setting each item.  
For details about LDAP server, see "Programming the LDAP server".
- 9** Press [Exit].
- 10** Press the [User Tools/Counter] key.



### Reference

p.68 "Programming the LDAP server"

---

## To enter an identification name

---

This section describes how to enter a identification name.

- 1** Press [Change] under "Name".  
Register a name for the LDAP server that will appear on the server selection screen of the LDAP search operation.
- 2** Enter the server's identification name.
- 3** Press [OK].

---

## To enter a server name

---

This section describes how to enter a server name.

**1** Press **[Change]** under "Server Name".

Register the LDAP server's host name or IPv4 address.

**2** Enter the LDAP server name.

**3** Press **[OK]**.

**2**

---

## To enter the search base

---

This section describes how to enter the search base.

**1** Press **[Change]** under "Search Base".

Select a route folder to start the search from e-mail addresses registered in the selected folder are search targets.

**2** Enter the search base.

For example, if the search target is the sales department of ABC company, enter "dc=sales department, o=ABC". (In this example, the description is for an active directory. "dc" is for the organization unit, and "o" is for the company.)

Search base registration may be required depending on your server environment. When registration is required, unspecified searches will result in error. Check your server environment and enter any required specifications.

**3** Press **[OK]**.

---

## To enter a port number

---

This section describes how to enter a port number.

**1** Press **[Change]** under "Port Number".

Specify the port number for communicating with the LDAP server. Specify a port that is compliant with your environment.

**2** Enter the port number using the number keys, and then press the **[#]** key.

When SSL is set to **[On]**, the port number automatically changes to "636".

---

## To start SSL communication

---

This section describes how to specify SSL communication.

**1** Press **[On]** under "Use Secure Connection (SSL)".

Use SSL to communicate with the LDAP server.

To use SSL, the LDAP server must support SSL.

When SSL is set to **[On]**, the port number automatically changes to "636".

SSL setting must be enabled on this machine. For details, consult your network administrator.

---

## To set authentication

---

This section describes how to specify authentication.

To make a search request to the LDAP server, use the administrator account for authentication.

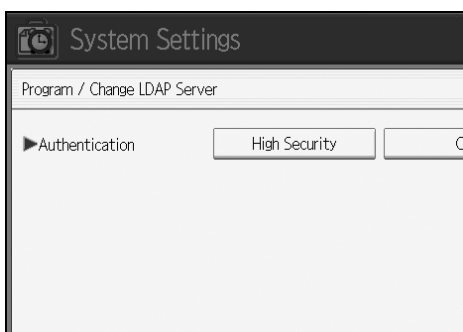
**1** Press **[▼Next]**.

**2** Press **[On]** or **[High Security]** under "Authentication".

Authentication settings must comply with your server's authentication settings. Check your server settings before setting this machine.

**[High Security]** is available only with LDAP Version 3.0.

When **[High Security]** is selected, the administrator password is encrypted before it is sent to the network. When **[On]** is selected, the password is sent without encryption.



---

## To enter the user name and password

---

This section describes how to enter the user name and password.

When **[On]** or **[High Security]** is selected for the authentication setting, use the administrator account name and password. Do not enter the administrator account name and password when using authentication for each individual or each search.

**1** Press **[▼Next]**.

**2** Press **[Change]** under "User Name".

**3** Enter the user name, and then press **[OK]**.

Procedures for the user name setting differ depending on server environment. Check your server environment before making the setting.

Example: Domain Name\User Name, User Name@Domain Name, CN=Name, OU=Department Name, DC=Server Name

**4** Press **[Change]** under "Password".

**5** Enter the password, and then press **[OK]**.

The user name and password are required for administrator authentication to access the LDAP server.

You can set the user name and password in this machine's Address Book to allow individual authentication access to the LDAP server. Use Administrator Tools to select the user name and password you want to use.

---

## To test the connection

---

This section describes how to test the connection.

Access the LDAP server to check the proper connection is established. Check authentication works according to the authentication settings.

**1** Press **[Connection Test]**.

A connection test is carried out.

**2** Press **[Exit]**.

If the connection test fails, check your settings and try again.

This function does not check search conditions or the search base.

---

## To set search conditions

---

This section describes how to specify search conditions.

You can enter an attribute as a typical search keyword. Using the entered attribute, the function searches the LDAP server's Address Book.

**1** Press [▼Next] twice.

**2** Press [Change] for items you want to use as search conditions from the following: "Name", "E-mail Address", "Fax Number", "Company Name", and "Department Name".

**3** Enter the attribute you want to use when searching for e-mail addresses, and then press [OK].

The attribute value may change depending on the server environment. Check the attribute value complies with your server environment before setting it.

You can leave items blank, but you cannot leave attributes blank when searching for e-mail addresses from the LDAP server Address Book.

---

## To set search options

---

This section describes how to specify search options.

To search the LDAP server data using a keyword other than prepared keywords such as Name, E-mail Address, FAX Number, Company Name, and Department Name, specify the attribute for the keyword registered in your LDAP server, and the name to be displayed on the control panel during the search. For example, to search e-mail addresses by employee number, enter "employeeNo." in the Attribute field, and "Employee No." in the key display field.

**1** Press [▼Next] three times.

**2** Press [Change] under "Attribute".

**3** Enter the attribute you want to use when searching for e-mail addresses, and then press [OK].

The attribute value may change depending on the server environment. Check the attribute complies with your server environment before setting it.

**4** Press [Change] under "Key Display".

**5** Enter the key display, and then press [OK].

The registered “key display” appears as a keyword for searching LDAP.

- Without key display registration

|                 |                |          |             |
|-----------------|----------------|----------|-------------|
| Name            | Beginning Word | End Word | Exact Match |
| Fax Destination | Beginning Word | End Word | Exact Match |
| E-mail Address  | Beginning Word | End Word | Exact Match |
| Company Name    | Beginning Word | End Word | Exact Match |
| Department Name | Beginning Word | End Word | Exact Match |

- With key display registration

|                 |                |          |             |
|-----------------|----------------|----------|-------------|
| Name            | Beginning Word | End Word | Exact Match |
| Fax Destination | Beginning Word | End Word | Exact Match |
| E-mail Address  | Beginning Word | End Word | Exact Match |
| Company Name    | Beginning Word | End Word | Exact Match |
| Department Name | Beginning Word | End Word | Exact Match |
| Employee No.    | Beginning Word | End Word | Exact Match |

The key does not appear on the search screen unless both “Attribute” and “Key Display” are registered. Make sure you register both to use the optional search.

---

## To delete the programmed LDAP server

---

This section describes how to delete the programmed LDAP server.

- 1** Press [System Settings].
- 2** Press [Administrator Tools].
- 3** Press [▼Next] twice.
- 4** Press [Program / Change / Delete LDAP Server].
- 5** Press [Delete].
- 6** Select the LDAP server you want to delete.
- 7** Press [Yes].
- 8** Press [Exit].
- 9** Press the [User Tools/Counter] key.

# 3. Copier / Document Server Features

This chapter describes user tools in the Copier / Document Server Features menu. For details on how to access Copier / Document Server Features, see "Accessing User Tools".

## General Features

This section describes the user tools in the General Features menu under Copier / Document Server Features.

Default settings are shown in **bold type**.

### ❖ Auto Image Density Priority

You can set whether Auto Image Density is "On" or "Off" when the machine is turned on, reset, or modes are cleared.

The default setting for "Text" is **On**.

The default setting for "Drawing" is **On**.

The default setting for "Text / Photo" is **On**.

The default setting for "Photo" is **Off**.

The default setting for "Background Lines" is **On**.

The default setting for "Patched Original" is **On**.

The default setting for "Generation Copy" is **On**.

❖ **Copy Quality**

Adjust the finish for each original type (Text, Drawing, Text / Photo, Photo, Background Lines, Patched Original)

**[Custom Setting]** provides a set of adjustment options that service representatives can use to meet customer requests for finish quality.

- **Text**  
Adjust line and character outline quality in the copy image.  
The default setting is **Normal**.  
Character outline is less defined when **[Soft]** is selected; more defined when **[Sharp]** is selected.
- **Drawing**  
Adjust the line density and lighter sections of image.  
The default setting is **Normal**.  
Originals that have light pencil lines can be reproduced with greater clarity when **[Soft]** is selected. When **[Sharp]** is selected, pencil lines can be reproduced clearly with improved clarity.
- **Text / Photo**  
You can select to prioritize the copy image of "Text" or "Photo" when copying originals contain photographs and the text.  
The default setting is **Normal**.  
When **[Normal]** is selected, an original containing a mixture of text and photographs can be reproduced.
- **Photo**  
You can configure the machine to copy originals.  
The default setting is **Printed Photo**.  
Select **[Printed Photo]** when copying originals with photographs such as magazines or catalogues. A smooth finish image can be reproduced.  
Select **[Glossy Photo]** when copying developed photographs. These options improve the quality of characters within photo images.
- **Background Lines**  
The default setting is **Normal**.
- **Patched Original**  
The default setting is **Darkest**.

❖ **Image Density**

Specify the copy image density for each original type (Text, Drawing, Text / Photo, Photo, Background Lines, Patched Original, Generation Copy).

The default setting is **Normal**.

❖ **Max. Copy Quantity**

The maximum copy quantity can be set between 1 and 99.

The default setting is **99 sheet(s)**.

### ❖ Auto Tray Switching

If you load paper of the same size in two or more trays, the machine automatically shifts to the other when the first tray runs out of paper (when Auto Paper Select is selected.) This function is called "Auto Tray Switching". This setting specifies whether to use Auto Tray Switching or not.

The default setting is **With Image Rotation**.

- **With Image Rotation**  
Use to copy when using the Auto Tray Switching function.
- **Without Image Rotation**  
Only copies with Auto Tray Switching if you load paper of the same size and in the same orientation in two or more trays. If the paper is not the same size or in the same orientation, copying is interrupted and the message "Load paper." is displayed.
- **Off**  
When a paper tray runs out of paper, copying is interrupted and the message "Load paper." is displayed.

### ❖ Job End Call

You can choose whether or not the beeper sounds when copying is complete. The default setting is **On**.

If Panel Tone of User Tools (System Settings) settings is **[On]**, the machine beeps to notify you that it did not complete a job for reasons such as copying was interrupted, the paper tray ran out of paper, or a paper jam occurred.

### 🔍 Reference

p.3 "Accessing User Tools"

"Selecting the Original Type Setting", Copy/ Document Server Reference

"Adjusting Copy Image Density", Copy/ Document Server Reference

"Selecting Copy Paper", Copy/ Document Server Reference

# Reproduction Ratio

This section describes the user tools in the Reproduction Ratio menu under Copier / Document Server Features.

Default settings are shown in **bold type**.

For details about the relationships between fixed reduce/enlarge ratios, document sizes, and paper sizes, see "Supplementary Information", Copier / Document Server Reference.

## 3

### ❖ User Reduce/Enlarge Ratio

You can register up to three frequently used Reduce / Enlarge ratios other than the fixed Reduce / Enlarge ratio and have them shown on the initial display. You can also change registered Reduce / Enlarge ratios.

When you select **[User Reduce/Enlarge Ratio]**, the ratio can be set from 25.0 to 400.0%, using the number keys.

- Metric version:  
The default setting for "F1" is **70.7%**.  
The default setting for "F2" is **141.4%**.  
The default setting for "F3" is **200.0%**.
- Inch Version (Engineering):  
The default setting for "F1" is **64.7%**.  
The default setting for "F2" is **129.4%**.  
The default setting for "F3" is **200.0%**.
- Inch Version (Architecture)  
The default setting for "F1" is **66.7%**.  
The default setting for "F2" is **133.3%**.  
The default setting for "F3" is **200.0%**.

## ❖ Reproduction Ratio

Specify the enlargement and reduction ratios that appear if **[Reduce / Enlarge]** is pressed on the copier screen.

When you select **[User Reduce/Enlarge Ratio]**, the ratio can be set from 25.0 to 400.0%, using the number keys.

Select a key to set the ratio.

|                                      |                                   |                                 |                                 |
|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|
| 129.4%<br>8 1/2 x 11<br>11 x 17      | 200.0%<br>8 1/2 x 11<br>17 x 22   | 258.8%<br>8 1/2 x 11<br>22 x 34 | 400.0%<br>8 1/2 x 11<br>34 x 44 |
| 25.0%<br>3 1/4 x 4 1/4<br>8 1/2 x 11 | 32.4%<br>3 1/4 x 4 1/4<br>11 x 17 | 50.0%<br>17 x 22<br>8 1/2 x 11  | 64.7%<br>17 x 22<br>11 x 17     |

Select the ratio for the above selected.

|        |        |        |        |
|--------|--------|--------|--------|
| 25.0%  | 32.4%  | 50.0%  | 64.7%  |
| 129.4% | 200.0% | 258.8% | 400.0% |

User Reduce/Enlarge Ratio

Metric version:

- 25.0% (A0 → A4)
- 35.4% (A1 → A4, A0 → A3)
- 50.0% (A2 → A4, A1 → A3)
- 70.7% (A3 → A4, A1 → A2)
- 141.4% (A4 → A3, A2 → A1)
- 200.0% (A4 → A2, A3 → A1)
- 282.8% (A4 → A1, A3 → A0)
- 400.0% (A4 → A0)

Inch version (Engineering)

- 25.0% (E → A)
- 32.4% (D → A, E → B)
- 50.0% (C → A, D → B, E → C)
- 64.7% (B → A, C → B, D → C, E → D)
- 129.4% (A → B, B → C, C → D, D → E)
- 200.0% (A → C, B → D, C → E)
- 258.8% (A → D, B → E)
- 400.0% (A → E)

### Inch version (Architecture)

- 25.0% (E → A)
- 33.3% (D → A, E → B)
- 50.0% (C → A, D → B, E → C)
- 66.7% (B → A, C → B, D → C, E → D)
- 133.3% (A → B, B → C, C → D, D → E)
- 200.0% (A → C, B → D, C → E)
- 266.7% (A → D, B → E)
- 400.0% (A → E)

### ❖ Reduce/Enlarge Ratio Priority

You can set the ratio that has priority when **[Reduce / Enlarge]** is pressed on the copier screen.

The default setting is **70.7%** (Metric version) / **64.7%** (Inch version: Engineering) / **66.7%** (Inch version: Architecture).

### ❖ Magnification Key Display

Specify which scale's reproduction ratios shown on the initial display.

The default setting is **Engineering**.

### ❖ User Auto Reduce/Enlarge:

Define a user auto reduce/enlarge ratio for each document size when copying with the User Auto Reduce / Enlarge feature.

**[Off]** determines whether to display a defined user auto reduce/enlarge ratio on a copier screen.

Select one of the following paper sizes for a user auto reduce/enlarge ratio defined for each document size:

- 34" × 44"
- 22" × 34"
- 17" × 22"
- 11" × 17"
- 8<sup>1</sup>/<sub>2</sub>" × 11"
- 36" × 48"
- 24" × 36"
- 18" × 24"
- 12" × 18"
- 9" × 12"

### Reference

p.3 "Accessing User Tools"

"Supplementary Information", Copier / Document Server Reference

# Edit

This section describes the user tools in the Edit menu under Copier / Document Server Features.

Default settings are shown in **bold type**.

## ❖ Adjust Position

Specify the default setting for Print Position Adjustment.

The default setting is Bottom: **20 mm** / Right: **20 mm** (Metric version) / Bottom: **0.8"** / Right: **0.8"** (Inch version)

- Metric version: 0 to 200 mm (1 mm increments)
- Inch version: 0 to 7.8" (0.1" increments)

## ❖ Erase Border Width

Specify the width of the border to be erased. The width is displayed over the other copier screen images.

The default setting is **10 mm** (Metric version) / **0.4"** (Inch version).

## ❖ Erase Original Shadow in Combine

In Combine Copy or Booklet/Magazine Copy mode, you can specify whether to erase a 3 mm, 0.1" bounding margin around all four edges of each original. The default setting is **On**.

### ❖ Image Repeat Separation Line

You can select a separation line using the Image Repeat function from: None, Solid, Broken A, Broken B, or Crop Marks.

- None



- Solid



- Broken A



- Broken B



- Crop Marks



The default setting is **None**.

Selecting solid or broken lines might produce a blank area of approximately 1.5 mm (0.06") in width along the separation line.

### ❖ Double Copies Separation Line

You can select a separation line using the Double Copies function from: None, Solid, Broken A, Broken B, or Crop Marks.

- None



- Solid



- Broken A



- Broken B



- Crop Marks



The default setting is **None**.

Selecting solid or broken lines might produce a blank area of approximately 1.5 mm (0.06") in width along the separation line.

### ❖ Separation Line in Combine

You can select a separation line using the Combine function from: None, Solid, Broken A, Broken B, or Crop Marks.

- None



- Solid



- Broken A



- Broken B



- Crop Marks



The default setting is **None**.

Selecting solid or broken lines might produce a blank area of approximately 1.5 mm (0.06") in width along the separation line.

### ❖ Copy Order in Combine

You can set the copy order in Combine mode to Left to Right or Top to Bottom.

| From Left to Right | From Top to Bottom |
|--------------------|--------------------|
|                    |                    |
|                    |                    |

GCAH090E

The default setting is **From Left to Right**.

### ❖ Program / Delete Format

Store a format (background) image for use with Format Overlay. You can store up to four formats. See "Program/Delete Overlay Format".

### ❖ Margin Adjustment Priority

Specify the default setting for the margin size.

You can set the top and bottom margin size.

The default setting is Top: **20 mm**, Bottom: **20 mm** (Metric version) / Top: **0.8"**, Bottom: **0.8"** (Inch version).

The size can be set as follows:

- Metric version: 0 to 200 mm (1 mm increments)
- Inch version: 0.0" to 7.9" (0.1" increments)

### ❖ Partial Copy Size

Specify the default settings of the start position (Y1) and the copy size (Y2).

The default setting is Y1: **0 mm**, Y2: **210 mm** (Metric version) / Y1: **0.0"**, Y2: **8.3"** (Inch version).

The size can be set as follows:

- Metric version: Y1: 0 to 14790 mm (1 mm increments), Y2: 210 mm to 15000 mm (1 mm increments)
- Inch version: Y1: 0.0" to 582.3" (0.1" increments), Y2: 8.3" to 590.6" (0.1" increments)

### Reference

p.3 "Accessing User Tools"

p.93 "Program / Delete Overlay Format"

# Stamp

This section describes the user tools in the Stamp menu under Copier / Document Server Features.

Default settings are shown in **bold type**.

---

## Background Numbering

---

This section describes the user tools in the Background Numbering menu under Stamp.

### ❖ Size

You can set the size of the numbers.  
The default setting is **Normal**.

### ❖ Density

You can set the density of the numbers.  
The default setting is **Normal**.

---

## Preset Stamp

---

This section describes the user tools in the Preset Stamp menu under Stamp.

### ❖ Stamp Language

You can select the language of the message printed in Stamp mode.  
The default setting is **English**.

### ❖ Stamp Priority

You can select the stamp type given priority when **[Preset Stamp]** is pressed.  
The default setting is **COPY**.

## ❖ Stamp Format

Specify how each of stamp is printed.

- Stamp Position  
Specify where to print the stamp.  
The default setting is **Top Right**.
- Stamp Position  
You can adjust the position of the stamp within the available ranges shown below.

Metric version:

"Top Left"...T/B: 4-407mm, L/R: 4-407mm  
 "Top Center"...T/B: 4-407mm, L/R: 203-203mm  
 "Top Right"...T/B: 4-407mm, L/R: 4-407mm  
 "Center Left"...T/B: 203-203mm, L/R: 4-407mm  
 "Center"...T/B: 203-203mm, L/R: 203-203mm  
 "Center Right"...T/B: 203-203mm, L/R: 4-407mm  
 "Bottom Left"...T/B: 4-407mm, L/R: 4-407mm  
 "Bottom Center"...T/B: 4-407mm, L/R: 203-203mm  
 "Bottom Right"...T/B: 4-407mm, L/R: 4-407mm

Inch version:

"Top Left"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"  
 "Top Center"...T/B: 0.1"-16.0", L/R: 8.0"-8.0"  
 "Top Right"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"  
 "Center Left"...T/B: 8.0"-8.0", L/R: 0.1"-16.0"  
 "Center"...T/B: 8.0"-8.0", L/R: 8.0"-8.0"  
 "Center Right"...T/B: 8.0"-8.0", L/R: 0.1"-16.0"  
 "Bottom Left"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"  
 "Bottom Center"...T/B: 0.1"-16.0", L/R: 8.0"-8.0"  
 "Bottom Right"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

- Size  
You can set the size of the stamp.  
The default setting is **1X**.
- Density  
You can set the pattern used to print the stamp.  
Normal:  
The stamp is printed on the image. You cannot check which parts will overlap.  
Lighter:  
The image can be seen through the stamp.  
Lightest:  
The image appears even clearer than in the Lighter setting.  
The default setting is **Normal**.
- Page to Stamp  
You can have the stamp printed on the first page or all pages.  
The default setting is **All Pages**.

## 🔍 Reference

"Preset Stamp", Copy / Document Server Reference

## User Stamp

This section describes the user tools in the User Stamp menu under Stamp.

### ❖ Program / Delete Stamp

You can register, change, or delete user stamps.

You can register up to four custom stamps with your favorite designs.

### ❖ Stamp Format: 1-4

Specify how each of registered User Stamps 1 to 4 is printed.

- Stamp Position  
Specify where to print the User Stamp.  
The default setting is **Top Right**.
- Stamp Position  
You can adjust the position of the User Stamp within the available ranges shown below.

Metric version:

"Top Left"...T/B: 4-407mm, L/R: 4-407mm

"Top Center"...T/B: 4-407mm, L/R: 203-203mm

"Top Right"...T/B: 4-407mm, L/R: 4-407mm

"Center Left"...T/B: 203-203mm, L/R: 4-407mm

"Center"...T/B: 203-203mm, L/R: 203-203mm

"Center Right"...T/B: 203-203mm, L/R: 4-407mm

"Bottom Left"...T/B: 4-407mm, L/R: 4-407mm

"Bottom Center"...T/B: 4-407mm, L/R: 203-203mm

"Bottom Right"...T/B: 4-407mm, L/R: 4-407mm

Inch version:

"Top Left"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Top Center"...T/B: 0.1"-16.0", L/R: 8.0"-8.0"

"Top Right"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Center Left"...T/B: 8.0"-8.0", L/R: 0.1"-16.0"

"Center"...T/B: 8.0"-8.0", L/R: 8.0"-8.0"

"Center Right"...T/B: 8.0"-8.0", L/R: 0.1"-16.0"

"Bottom Left"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Bottom Center"...T/B: 0.1"-16.0", L/R: 8.0"-8.0"

"Bottom Right"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

- Page to Stamp  
Sets whether to print the stamp on all pages or only the first page.  
The default setting is **All Pages**.

### Reference

"User Stamp", Copy/Document Server Reference

## Date Stamp

This section describes the user tools in the Date Stamp menu under Stamp.

### ❖ Format

You can select the date format for Date Stamp mode.

The default setting is **DD / MM / YYYY** (Metric version) / **MM / DD / YYYY** (Inch version).

### ❖ Font

You can select the Date Stamp font.

The default setting is **Font 1**.

### ❖ Size

You can set the Date Stamp size.

The default setting is **Auto**.

### ❖ Superimpose

You can have the Date Stamp printed in white when it overlaps black parts of the image.

The default setting is **Off**.

### ❖ Stamp Setting

Specify how Date Stamp is printed.

- Stamp Position  
Specify where to print the Date Stamp.  
The default setting is **Top Left**.
- Stamp Position  
You can adjust the position of the Date Stamp within the available ranges shown below.

Metric version:

"Top Left"...T/B: 4-407mm, L/R: 4-407mm

"Top Center"...T/B: 4-407mm, L/R: 203-203mm

"Top Right"...T/B: 4-407mm, L/R: 4-407mm

"Bottom Left"...T/B: 4-407mm, L/R: 4-407mm

"Bottom Center"...T/B: 4-407mm, L/R: 203-203mm

"Bottom Right"...T/B: 4-407mm, L/R: 4-407mm

Inch version:

"Top Left"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Top Center"...T/B: 0.1"-16.0", L/R: 8.0"-8.0"

"Top Right"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Bottom Left"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Bottom Center"...T/B: 0.1"-16.0", L/R: 8.0"-8.0"

"Bottom Right"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

- Page to Stamp  
Sets whether to print the stamp on all pages or only the first page.  
The default setting is **All Pages**.

## Page Numbering

This section describes the user tools in the Page Numbering menu under Stamp.

### ❖ Stamp Format

You can select the page number format given priority when **[Page Numbering]** is pressed.

The default setting is **P1,P2....**

### ❖ Font

You can select the page number printed in Page Numbering mode.

The default setting is **Font 1**.

### ❖ Size

You can set the size of the stamp printed in Page Numbering mode.

The default setting is **Auto**.

### ❖ Page Numbering in Combine

You can set page numbering when using the Combine function and the Page Numbering function together.

The default setting is **Per Original**.

### ❖ Stamp Position

Specify how each of stamp is printed.

- Stamp Position  
Specify where to print the stamp.
- Stamp Position  
You can adjust the position of the stamp within the available ranges shown below.

Metric version:

"Top Left"...T/B: 4-407mm, L/R: 4-407mm

"Top Center"...T/B: 4-407mm, L/R: 203-203mm

"Top Right"...T/B: 4-407mm, L/R: 4-407mm

"Bottom Left"...T/B: 4-407mm, L/R: 4-407mm

"Bottom Center"...T/B: 4-407mm, L/R: 203-203mm

"Bottom Right"...T/B: 4-407mm, L/R: 4-407mm

Inch version:

"Top Left"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Top Center"...T/B: 0.1"-16.0", L/R: 8.0"-8.0"

"Top Right"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Bottom Left"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

"Bottom Center"...T/B: 0.1"-16.0", L/R: 8.0"-8.0"

"Bottom Right"...T/B: 0.1"-16.0", L/R: 0.1"-16.0"

### ❖ **Superimpose**

You can have page numbers printed in white when they overlap black parts of the image.

The default setting is **Off**.

### ❖ **Page Numbering Initial Letter**

You can select the page numbering initial letter between "P1, P2.../ P.1, P.2..." and "S1, S2.../ S.1, S.2..."

The default setting is **P1,P2.../P.1,P.2....**

### **Reference**

p.3 "Accessing User Tools"

# Input/Output

This section describes the user tools in the Input/Output menu under Copier / Document Server Features.

Default settings are shown in **bold type**.

## ❖ Rotate Sort: Auto Paper Continue

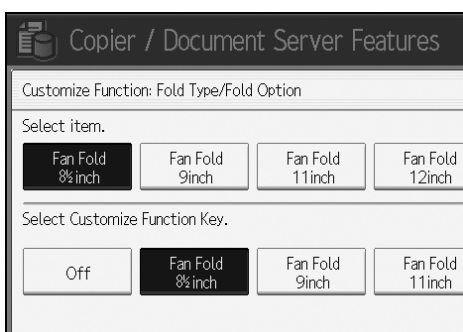
Specify to continue copying when paper of the required orientation has run out during rotate sort.

The default setting is **Off**.

- On  
Copying continues using copy paper of a different orientation. The copy job will finish even if you have left the machine.
- Off  
When paper of the required orientation runs out, the machine stops copying and prompts you to supply copy paper. After you have loaded paper, the machine will continue copying.

## ❖ Customize Function: Fold Type/Fold Option

Specify which "Fold Type/Fold Option" has priority to be shown on the initial display.



- Off
- Fan Fold 8<sup>1</sup>/<sub>2</sub>inch
- Fan Fold 9inch
- Fan Fold 11inch
- Fan Fold 12inch
- Fan Fold 8<sup>1</sup>/<sub>2</sub>inch (Margin Fold)

## 🔍 Reference

p.3 "Accessing User Tools"

# Program / Delete Overlay Format

This section describes how to program / delete Overlay Format.

## Note

- ❑ The maximum size of original size to be stored is A0(E). You cannot store long length originals.
- ❑ For details about Format Overlay, see "Format Overlay", Copier / Document Server Reference.

## Reference

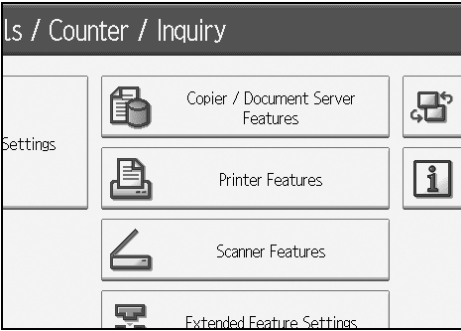
"Format Overlay", Copier / Document Server Reference

3

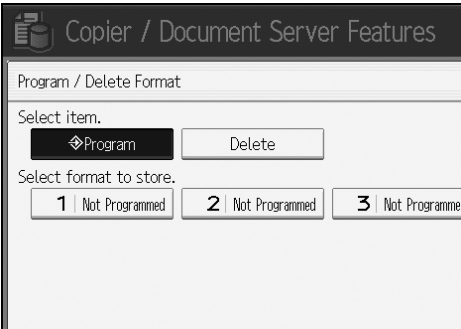
## Programming an Overlay Format

This section describes how to program an Overlay Format.

- 1** Make sure the machine is ready to copy.
- 2** Press [Copier / Document Server Features].



- 3** Press [Edit].
- 4** Press [Program / Delete Format].
- 5** Check that [Program] is selected.
- 6** Select a format number (1 to 4).



## 7 Select the original orientation.



## 8 Place the original, and then press [Start Scanning].

The original is scanned and stored.

## 9 Press [Exit].

## 10 Press the [User Tools / Counter] key.

# Overwriting a Stored format

This section describes how to overwrite a stored Overlay Format.

## 1 Make sure the machine is ready to copy.

## 2 Press [Copier / Document Server Features].

## 3 Press [Edit].

## 4 Press [Program / Delete Format].

## 5 Check that [Program] is selected.

## 6 Select a format number you want to overwrite.

## 7 Press [Yes].

You cannot restore a format that has been overwritten.

Press [Stop] if you do not want to overwrite the existing format.

## 8 Select the original orientation.

## 9 Place the original, and then press [Start Scanning].

The original is scanned and stored.

## 10 Press [Exit].

## 11 Press the [User Tools / Counter] key.

---

## Deleting a Stored format

---

This section describes how to delete a stored Overlay Format.

- 1** Make sure the machine is ready to copy.
- 2** Press [Copier / Document Server Features].
- 3** Press [Edit].
- 4** Press [Program / Delete Format].
- 5** Press [Delete].
- 6** Select the format number you want to delete.
- 7** Press [Yes].

You cannot restore a format that has been deleted.  
Press [No] if you do not want to delete the existing format.
- 8** Press [Exit].
- 9** Press the [User Tools / Counter] key.

## Settings for the Document Server

This section describes user tool settings for the Document Server.

For details, see "System Settings", and "Copier / Document Server Features".

### ❖ System Settings

| Heading             | Item                                      | Default         |
|---------------------|---|-----------------|
| General Features    | Warm-up Beeper                            | On              |
| General Features    | Copy Count Display                        | Up              |
| General Features    | Output: Document Server                   | Internal Tray 1 |
| Tray Paper Settings | Paper Tray Priority: Copier               | Tray 1          |
| Timer Settings      | Copier / Document Server Auto Reset Timer | 60 second(s)    |
| Administrator Tools | Auto Delete File in Document Server       | Yes, 3 day(s)   |
| Administrator Tools | Delete All Files in Document Server       | -               |

### 🔍 Reference

p.35 "System Settings"

# 4. Printer Features

This chapter describes user tools in the Printer Features menu. For details on how to access Printer Features, see "Accessing User Tools".

## List / Test Print

This section describes the user tools in the Test Print menu under Printer Features.

### ❖ Multiple Lists

You can print the configuration page and error log.

### ❖ Configuration Page

You can print the machine's current configuration values.

### ❖ Error Log

You can print error logs listing all errors that occurred during printing. The most recent 30 errors are stored in the error log. If a new error is added when there are 30 errors already stored, the oldest error is deleted.

However, if the oldest error belongs to one of the following types of print jobs, it is not deleted. Instead, it will be stored in a separate error log, up to a maximum of 30 errors. You can check any of these print jobs for error log information.

- Sample Print
- Locked Print
- Hold Print
- Stored Print

The records of Auto Job Cancel and jobs canceled manually from the control panel can be printed.

### ❖ Menu List

You can print a Menu List showing the machine's function menus.

### ❖ PS Configuration / Font Page

You can print the current configuration and installed PostScript font list.

### ❖ PDF Configuration / Font Page

You can print the current configuration and installed PDF font list.

### ❖ Hex Dump

You can print in the Hex Dump mode.

### Note

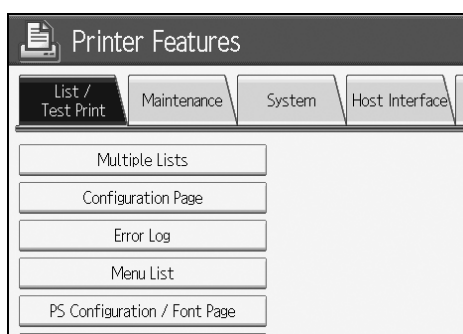
- ❑ When printing from the **[List / Test Print]** menu, the machine first tries to print from a tray containing plain or recycled paper. It checks the cut paper tray first, then the paper roll tray. If there is no paper tray containing plain or recycled paper, the machine then tries print on tracing paper and finally printing film.
- ❑ If the paper roll tray is selected for list printing, the roll paper is cut to A4 size. The paper trays available to be selected for list printing are those that have been selected **[Yes]** in **[Apply Auto Paper Select]** of **[Paper Type: Tray 1-3]** under **[System Settings]**. (except for printing the system configuration listing).
- ❑ The machine first tries to use A4 (8<sup>1</sup>/<sub>2</sub>" x 11") paper for printing the Configuration Page. If the cut paper tray does not contain A4 paper, the machine then tries to use 210 mm-wide paper by checking the paper roll tray and then the preferred paper tray.
- ❑ The machine first tries to use the preferred paper tray that usually contains plain or recycled paper to print PS Configuration / Font Page. The page will be printed to fit the size of the plain or recycled paper.

4

## Printing the Configuration Page

This section describes how to print the Configuration Page.

- 1** Press **[Printer Features]**.
- 2** Press **[Configuration Page]** on the **[List / Test Print]**.



The configuration page is printed.

- 3** Press the **[User Tools/Counter]** key.

---

## Interpreting the Configuration Page

---

This section describes the Configuration Page.

### ❖ System Reference

- Unit Number  
Displays the serial number assigned to the board by its manufacturer.
- Total Memory  
Displays the total amount of memory (SDRAM) installed on the printer.
- Firmware Version  
Printer: Displays the version number of the printer firmware.  
System: Displays the version number of the system firmware.  
Engine: Displays the version number of the printer engine.  
LCDC: Displays the version number of the panel display.  
NIB: Displays the version number of the Network interface.
- Device Connection  
This item(s) appears when the device option(s) is installed.
- HDD: Font / Macro Download  
Displays the capacity of the hard disk drive.
- Printer Language  
Displays the version number of the printer driver language.
- Connection Equipment  
Displays the installed optional equipments.

### ❖ Paper Input

Displays settings made under Tray Paper Settings menu.

### ❖ System

Displays settings made under the System menu.

### ❖ PS Menu

Displays settings made under PS Menu.

### ❖ PDF Menu

Displays settings made under PDF Menu.

### ❖ Host Interface

Displays settings made under the Host Interface menu.

When DHCP is active on the network, the actual IPv4 address, subnet mask and gateway address appear in parentheses on the configuration page.

### ❖ Interface Information

Displays the interface information.

### 🔍 Reference

p.3 “Accessing User Tools”

# Maintenance

This section describes the user tools in the Maintenance menu under Printer Features.

Default settings are shown in **bold type**.

## ❖ **List / Test Print Lock**

You can lock the **[List / Test Print]** menu.

The default setting is **Off**.

## ❖ **Delete All Temporary Print Jobs**

You can delete all print jobs temporarily stored in the machine.

## ❖ **Delete All Stored Print Jobs**

You can delete all print jobs stored in the machine.

## **Reference**

p.3 “Accessing User Tools”

p.35 “System Settings”

# System

This section describes the user tools in the System menu under Printer Features. Default settings are shown in **bold type**.

## ❖ **Print Error Report**

Select this to have an error report printed when a printer or memory error occurs.

The default setting is **Off**.

## ❖ **Auto Continue**

You can select this to enable Auto Continue. When it is On, printing continues after a system error occurs.

The default setting is **Off**.

If this option is set to **[Off]**, a message appears when the specified tray runs out of paper. To cancel a current print job, press **[Job Reset]**. Printing resumes automatically when you reload the driver-specified tray.

## ❖ **Memory Overflow**

Select this to have a memory overflow error report printed.

The default setting is **Do not Print**.

## ❖ **Rotate by 180 Degrees**

Specify whether to rotate the print image 180 degrees relative to the paper orientation.

The default setting is **Off**.

## ❖ **Auto Delete Temporary Print Jobs**

You can select to automatically delete print jobs temporarily stored in the machine.

The default setting is **Off**.

If you select **[On]**, you can set up to 200 hours for auto file deleting.

## ❖ **Auto Delete Stored Print Jobs**

You can select to automatically delete print jobs stored in the machine.

The default setting is **On, 3 day(s)**.

If you select **[On]**, you can set up to 180 days for auto file deleting.

## ❖ **Initial Print Job List**

You can set the desired type of print job list that appears on the screen when you press **[Print Jobs]**.

The default setting is **Complete List**.

- **Complete List**  
Displays the list of print jobs stored in the machine.
- **List Per User ID**  
Displays the list of the User ID who stored a file in the machine.

### ❖ Memory Usage

You can select the amount of memory used in Font Priority or Frame Priority, according to paper size or resolution.

The default setting is **Frame Priority**.

- Font Priority  
This setting uses memory for registering fonts.
- Frame Priority  
This setting uses frame memory for high speed printing.

### ❖ Copies

You can specify the number of print sets. This setting is disabled if the number of pages to print has been specified with the printer driver or another command.

The default setting is **1**.

The number of copies can be specified from 1 to 999 by increments of one.

### ❖ Blank Page Print

You can select whether or not to print blank pages.

The default setting is **On**.

Pages that match one of the following conditions are identified as blank.

- There are no images.
- There are images but they are outside the printable area.
- There are only blank characters.

### ❖ Reserved Job Waiting Time

You can specify how long the machine waits to receive a print job before allowing other functions such as the copier and scanner functions to interrupt it.

The default setting is **Short Wait**.

### ❖ Printer Language

Specify the printer language.

The default setting is **Auto**.

This menu appears only when the PostScript 3 unit is installed.

### ❖ Sub Paper Size

You can enable the Auto Substitute Paper Size (A4, LT) feature.

The default setting is **Off**.

### ❖ Bypass Tray Setting Priority

Specify whether (Printer) Driver / Command or Machine Settings, has priority for determining the paper size for the bypass tray.

The default setting is **Driver / Command**.

### ❖ Edge to Edge Print

You can select whether or not to print on the entire sheet.

The default setting is **Off**.

The 5 mm margin along the edges may not be printed properly.

### ❖ **Default Printer Language**

You can set the default printer language if the machine cannot find the printer language automatically.

The default setting is **PS**.

This menu appears only when the PostScript 3 unit is installed.

### ❖ **Tray Switching**

You can set to switch the paper tray.

The default setting is **Off**.

### **Reference**

p.3 "Accessing User Tools"

"Loading paper", Troubleshooting

## Host Interface

This section describes the user tools in the Host Interface menu under Printer Features.

Default settings are shown in **bold type**.

### ❖ I/O Buffer

You can set the size of the I/O Buffer. Normally it is not necessary to change this setting.

The default setting is **128KB**.

### ❖ I/O Timeout

You can set how many seconds the machine should wait before ending a print job. If data from another port usually arrives in the middle of a print job, you should increase this timeout period.

The default setting is **15 seconds**.

### Reference

p.3 “Accessing User Tools”

# PS Menu

This section describes the user tools in the PS Menu under Printer Features.  
Default settings are shown in **bold type**.

## ❖ Data Format

You can select a data format.

The default setting is **TBCP**.

This setting is not effective when operating the machine with a parallel or EtherTalk connection.

When operating the machine with a parallel connection, and also if the binary data is sent from the printer driver, the print job is canceled.

When operating the machine with an Ethernet connection, the print job is canceled under the following conditions:

- The printer driver data format is TBCP, and the data format selected on the display panel is Binary Data.
- The printer driver data format is binary, and the data format selected on the display panel is TBCP.

## ❖ Resolution

You can set the print resolution in dots per inch.

The default setting is **600 dpi**.

## 🔍 Reference

p.3 “Accessing User Tools”

# PDF Menu

This section describes the user tools in the PDF Menu under Printer Features. Default settings are shown in **bold type**.

## ❖ **Change PDF Password**

Set the password for the PDF file executing PDF Direct Print.

- Current Password
- New Password
- Confirm New Password

A password can be set using the Web Image Monitor, but in this case the password information is sent through the network. If security is a priority, set the password using this menu from the Control Panel.

## ❖ **PDF Group Password**

Set the group password already specified with DeskTopBinder.

- Current Password
- New Password
- Confirm New Password

A password can be set using the Web Image Monitor, but in this case the password information is sent through the network. If security is a priority, set the password using this menu from the Control Panel.

## ❖ **Resolution**

You can set the print resolution in dots per inch.  
The default setting is **600 dpi**.

## 🔍 **Reference**

p.3 “Accessing User Tools”

# 5. Scanner Features

This chapter describes user tools in the Scanner Features menu. For details on how to access Scanner Features, see "Accessing User Tools".

## General Settings

This section describes the user tools in the General Settings menu under Scanner Features.

Default settings are shown in **bold type**.

### ❖ Switch Title

Select the title to be shown on the destination list.  
The default setting is **Title 1**.

### ❖ Update Delivery Server Destination List

Press [**Update Delivery Server Destination List**] to update the receivers from the delivery server. To use this function, it is necessary to set [**Delivery Option**] to [**On**].

For details about "Delivery Option", see "File Transfer".

### ❖ Search Destination

Select a destination list to be used in "Search Destination".

To search from LDAP server, it is necessary to register the LDAP server in [**System Settings**] and set [**LDAP Search**] to [**On**].

The default setting is **Address Book**.

For details about "LDAP Search", see "Administrator Tools".

### ❖ TWAIN Standby Time

When the machine is being used to send e-mail or a file, or functioning as Document Server or a network delivery scanner, a scanning request to the machine as a TWAIN scanner will switch the machine to the network TWAIN scanner function. This setting determines the delay until the machine switches to the network TWAIN scanner function.

The default setting is **Set Time, 10 sec.**

When [**Immediate**] is selected, the machine will switch to the network TWAIN scanner function at once.

When [**Set Time**] is selected, you can enter the delay time with the number keys (3-30 seconds). The machine will switch to the network TWAIN scanner function when the time set here passes after the last key operation.

### ❖ Destination List Display Priority 1

Select a destination list to be displayed when the machine is in the initial state. You can select either [**E-mail / Folder**] or [**Delivery Server**].

The default setting is **Delivery Server**.

**❖ Destination List Display Priority 2**

In the machine's address book, select which address book appears by default. You can select either **[E-mail Address]** or **[Folder]**.

The default setting is **E-mail Address**.

**❖ Print & Delete Scanner Journal**

Up to 250 transmission/delivery results can be checked on this machine. If the stored transmission / delivery results reach 250, select whether to print the delivery journal.

- **On**  
The transmission/delivery journal is printed automatically. The printed journal is deleted.
- **Off**  
Transmission/delivery results are deleted one by one as new results are stored.

- **Do not Print: Disable Send**

Transmission/delivery cannot be performed when the journal is full.

Selecting **[Print Scanner Journal]** or **[Delete Scanner Journal]** resets the journal, which allows you to begin transmission/delivery.

The default setting is **On**.

When printed, all records are deleted after printing. When not printed, records over the limit are automatically deleted in succession from the oldest record.

While the journal is being printed, files with the status waiting cannot be sent.

**❖ Print Scanner Journal**

The scanner journal is printed and deleted.

Before printing the scanner journal, be sure to raise the original switching lever.

**❖ Delete Scanner Journal**

The scanner journal is deleted without being printed.

**🔍 Reference**

p.54 "File Transfer"

p.59 "Administrator Tools"

# Scan Settings

This section describes the user tools in the Scan Settings menu under Scanner Features.

Default settings are shown in **bold type**.

## ❖ Next Original Wait Setting

To divide originals and scanning them individually to make a single file, select **[Off]**, **[Set Wait Time]**, or **[Continuous Wait]** for the waiting status.

The default setting is **Set Wait Time**.

The default setting time is **60 sec.**

If **[Set Wait Time]** is selected, enter the wait time in seconds (3-999) for placing additional originals with the number keys. Scanning will start if additional originals are placed and the **[Start]** key is pressed within this time. You can end scanning and begin transmission by pressing the **[#]** key within this time. Once the specified time has elapsed, transmission starts automatically.

If **[Continuous Wait]** is selected, the machine will wait for additional originals until the **[#]** key is pressed. Scanning will start when additional originals are placed and the **[Start]** key is pressed. You can end scanning and begin sending by pressing the **[#]** key.

If a paper misfeed occurs or any of the following operations are performed while the machine is waiting for additional originals, the countdown stops and does not start again until the **[#]** key is pressed.

- Changing the settings such as the scan settings
- Opening the scanner cover
- Pressing the **[Interrupt]** key to activate the copy mode

## 🔍 Reference

p.3 "Accessing User Tools"

"Scan Settings", Scanner Reference

"Scan Size", Scanner Reference

# Send Settings

This section describes the user tools in the Send Settings menu under Scanner Features.

Default settings are shown in **bold type**.

## ❖ **Compression (Black & White)**

Select whether or not to compress scan files.

The default setting is **On**.

Compression reduces the time required for transferring the scan file.

The actual time required for file transfer will vary depending on the file size and network load.

## ❖ **Max. E-mail Size**

Select whether or not to limit the size of an e-mail to which an image is attached.

The default setting is **On, 2048KB**.

When **[On]** is selected, enter the size limit (128-102400 KB) with the number keys.

When the SMTP limits the size, match that setting.

## ❖ **Divide & Send E-mail**

This function is effective only when **[On]** is selected for **[Max. E-mail Size]**.

Select whether or not an image exceeding the size specified in **[Max. E-mail Size]** should be divided and sent using more than one e-mail.

The default setting is **Yes (per Max. Size)**.

The default maximum number of divisions is 5.

When **[Yes (per Max. Size)]** is selected, enter the Max. Number of Divisions (2-500) with the number keys.

When **[Multi-page: TIFF]** or **[Multi-page: PDF]** is selected for **[File Type]**, the image will not be divided even if **[Yes (per Page)]** is selected.

When **[Yes (per Max. Size)]** is selected, some received files may not be able to be restored, depending on the type of e-mail software.

If **[Off]** is selected for this option, and an attempt is made to send an e-mail message that is larger than the specified maximum e-mail size, the machine will read only as much of the message as the maximum size allows.

When this happens, you can then select either to cancel sending or send only the portion that has been read.

Set the maximum e-mail size within the capacity of the SMTP server.

❖ **Insert Additional E-mail Info**

Select the language in which e-mail information such as title, date, and administrator's e-mail address is sent.

- **On**
- **Off**

Select one of the following 20 languages:

- British English, American English, German, French, Italian, Spanish, Dutch, Portuguese, Polish, Czech, Swedish, Finnish, Hungarian, Norwegian, Danish, Japanese, Simplified Chinese, Traditional Chinese, Russian, and Hangul.

Even if **[Off]** is selected, the message entered into the scanner screen will be sent by e-mail.

The e-mail text which is a template cannot be changed.

❖ **No. of Digits for Single Page Files**

Sets digit number for serial number to attach to Single Page file name.

The default setting is **4 Digits**.

❖ **Stored File E-mail Method**

Specify the e-mail setting for sending stored files. You can select **[Send File]** or **[Send URL Link]**. This setting can be used for the following:

The default setting is **Send File**.

- Sending Stored Files by E-mail
- Simultaneous Storage and Sending by E-mail

If you select **[Send File]**, actual files are attached to e-mails.

If you select **[Send URL Link]**, URL Links to file locations are attached to e-mails.

🔍 **Reference**

p.3 "Accessing User Tools"



# 6. Registering Addresses and Users for Scanner Functions

This chapter describes how to register destinations and users in the Address Book. For details on how to access System Settings see "Accessing User Tools".

## Address Book

This section describes Address Book settings.

Registering information such as the names of users and their e-mail addresses in the Address Book allows you to manage them easily.

### ❗ Important

- ❑ Address Book data is stored on the hard disk. It can be lost if there is some kind of hard disk failure. The manufacturer shall not be responsible for any damages resulting data loss.

You can register and manage the following items in the Address Book:

#### ❖ Names

You can register the name of the user and the key display. This is the basic information required for managing user of the machine.

To register an e-mail address in the address book, you must register information such as the user name and destination name in advance.

System Settings

Program / Change Address Book

Names Auth. Info Protection E-mail Folder Add to Group

Name [ ] Change

Key Display [ ] Change

Registration No. 00017 Change

Select Title

Title 1 Frequent AB CD EF GH IJK LMN OPQ RST UVM XYZ

Title 2 Frequent 1 2 3 4 5 6 7 8 9 10

Title 3 Frequent 1 2 3 4 5

System Status Job List 1 FEB 2007 15:41

#### ❖ Auth. Info

You can register user codes in order to restrict particular functions to certain users, and to check their use of each function. You can also register login user names and login passwords to be used when sending e-mail, sending to folders, or accessing an LDAP server.

System Settings

Program / Change Address Book

Names Auth. Info Protection E-mail Folder Add to Group

User Code [ ] Clear #

SMTP Authentication Specify Other Auth. Info Do not Specify

1/3

Previous Next

System Status Job List 1 FEB 2007 15:41

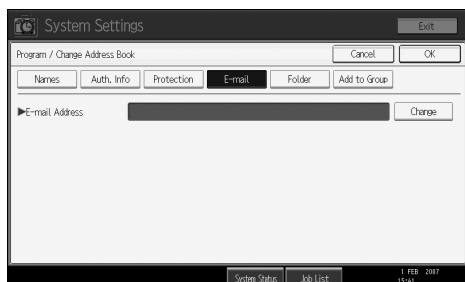
## ❖ Protection

You can set protection codes to stop sender's name from being used or folders from being accessed without authorization.



## ❖ E-mail Address

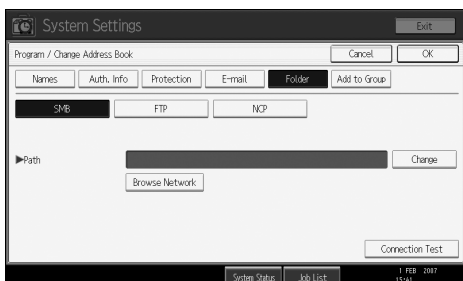
You can register e-mail destinations in the Address Book.



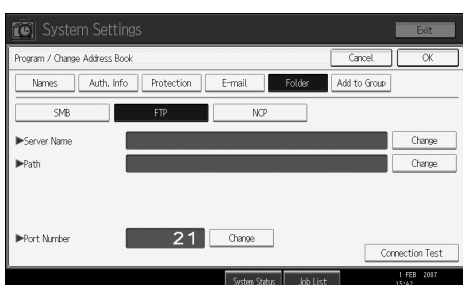
❖ **Folder**

You can register the protocol, path name and server name.

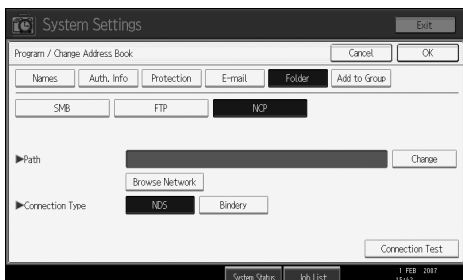
- SMB



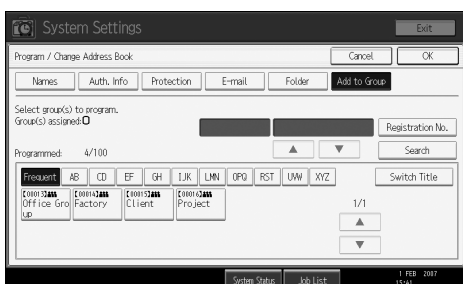
- FTP



- NCP

❖ **Add to Group**

You can put registered e-mail and folder destinations into a group for easier management.



### **Note**

- ☐ You can also use a Web Image Monitor to register names in the Address Book. With the SmartDeviceMonitor for Admin, you can register multiple names at the same time. For details about using Web Image Monitor, see the Web Image Monitor Help.
- ☐ Using Address Management Tool in SmartDeviceMonitor for Admin, you can backup Address Book data. We recommend backing up data when using the Address Book. For operating instructions, see SmartDeviceMonitor for Admin Help.

---

## Managing names in the Address Book

---

By registering a name and key display beforehand, you can specify e-mail and folder destinations simply by selecting the name key.

### **Reference**

p.118 "Registering Names"

## 6

---

## Sending e-mail by Quick Dial

---

By registering e-mail addresses in the Address Book, you can specify e-mail destinations simply by selecting them from the scanner initial display when sending a document using the scanner function. A registered e-mail address can be used as the sender's address, and the sender's addresses are automatically entered in the "From" field of an e-mail header.

### **Reference**

p.132 "E-mail Destination"

---

## Sending scanned files to a shared folder directly

---

After registering the path name, user name and password, you can connect to a shared folder simply by selecting the destination shown on the initial scanner display whenever sending files using the scanner function to a shared folder.

To share the folder using Windows, select the SMB protocol.

To register the folder to the FTP server, select the FTP protocol.

To register the folder to the NetWare server, select the NCP protocol.

### **Reference**

p.137 "Registering Folders"

---

## Preventing unauthorized user access to shared folders from the machine

---

After registering a protection code, you can specify the object of protection to prevent an e-mail destination from being used without permission.

You can prevent unauthorized access to registered folders.

### **Reference**

p.168 “Registering a Protection Code”

---

## Managing users and machine usage

---

Register user codes to limit users to the following functions and check their use of each function:

- Copier
- Document Server
- Scanner
- Printer

### **Reference**

p.122 “Authentication Information”

# Registering Names

This section describes names in Address Book.

Register user information including their names.

The user name is useful for selecting a destination when sending e-mail. You can also use it as a folder destination.

You can register up to 2000 names.

## Registering Names

This section describes how to register names.

**1** Press [System Settings].



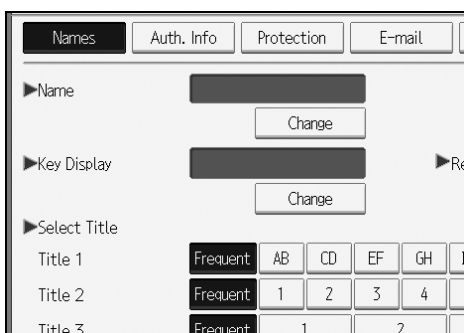
**2** Press [Administrator Tools].

**3** Press [Address Book Management].

**4** Check that [Program / Change] is selected.

**5** Press [New Program].

**6** Press [Change] under "Name".

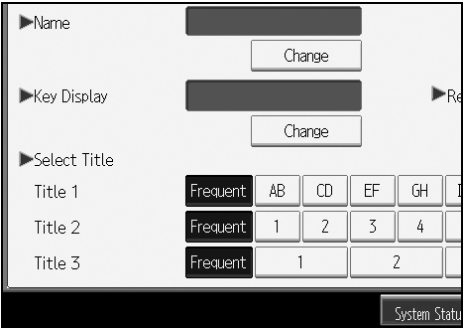


The name entry display appears.

**7** Enter the name, and then press [OK].

The key display name is set automatically.

- 8** When you want to change the key display, press **[Change]** under "Key Display".
- 9** Enter the key display, and then press **[OK]**.
- 10** Press the key for the classification you want to use under "Select Title".



The keys you can select are as follows:

- **[Frequent]:** Added to the page that is displayed first.
- **[AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]:** Added to the list of items in the selected title.

You can select **[Frequent]** and one more page for each title.

- 11** Press **[OK]**.
- 12** Press **[Exit]**.
- 13** Press the **[User Tools/Counter]** key.

**Note**

- ☐ The name can be used for documents in the Document Server. For details about the Document Server, see "Using the Document Server", Copy / Document Server Reference.
- ☐ You can register up to 2000 programs and allocate them registration numbers between 00001 and 50000.
- ☐ Registration numbers are initially assigned automatically, but you can change them afterward. To change a registration number, press **[Change]** to the right of "Registration No.", and enter a new number using the number keys.

**Reference**

- "Entering Text", About This Machine
- "Using the Document Server", Copy / Document Server Reference

## Changing a Registered Name

This section describes how to change a registered name.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

- 3** Press **[Address Book Management]**.

- 4** Check that **[Program / Change]** is selected.

- 5** Select the registered name you want to change.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** To change the name or key display, press **[Change]** under the name or key display.

- 7** Enter the name or key display, and then press **[OK]**.

- 8** To change the title, press the key for the classification you want to use from **Select Title**.

- 9** To change the registration number, press **[Change]** under "Registration No.".

- 10** Enter a new registration number using the number keys, and then press the **[#]** key.

- 11** Press **[OK]**.

- 12** Press **[Exit]**.

- 13** Press the **[User Tools/Counter]** key.

### Reference

"Entering Text", About This Machine

## Deleting a Registered Name

This section describes how to delete a registered name.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.
- 3** Press **[Address Book Management]**.
- 4** Press **[Delete]**.
- 5** Select the name you want to delete.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Yes]**.
- 7** Press **[Exit]**.
- 8** Press the **[User Tools/Counter]** key.

# Authentication Information

This section describes the procedure for authenticating a user code.

## Important

- ☐ The functions associated with each user code are the same. If you change or delete user codes, management data and limits associated with that code become invalid.

Register user codes to limit users to the following functions and check their use of each function:

Copier

Document Server

Scanner

Printer

## Note

- ☐ You can register up to 100 user codes. If you add the optional user account enhance unit, you can register up to 500 user codes.
- ☐ The number of copies scanned using the scanner function is counted for each user code. This allows you to check each user's usage.
- ☐ To automatically register the printer driver user code, select **[Printer: PC Control]** for the printer in User Code Authentication. To use the user code set in User Tools, set the user codes registered in User Tools for the printer driver.
- ☐ For details about setting user codes for the printer driver, see Printer Driver Help.

## Registering a User Code

This section describes how to register a user code.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

- 3** Press **[Address Book Management]**.

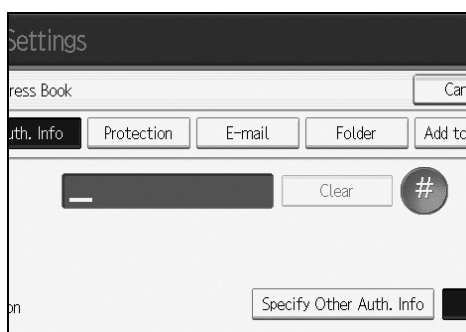
- 4** Check that **[Program / Change]** is selected.

- 5** Press the name whose code is to be registered, or enter the registered number using the number key.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Auth. Info]**.

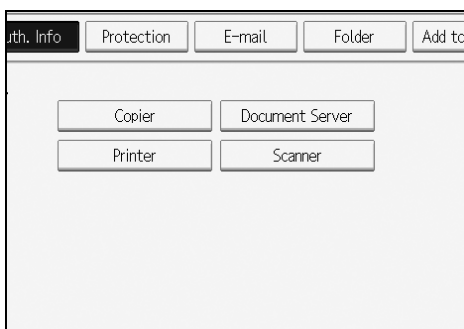
- 7** Enter the user code using the number keys, and then press the **[#]** key.



If you make a mistake, press **[Clear]** or the **[Clear/Stop]** key.

- 8** Press **[▼Next]** twice.

- 9** Select the functions to be used with the user code from Available Functions.



- 10** Press [OK].

To continue registering user codes, repeat the procedure from step **5**.

- 11** Press [Exit].

- 12** Press the [User Tools/Counter] key.

#### Note

- ☐ You can enter a one-to eight-digit user code.
- ☐ To register the name, see "Registering Names".

#### Reference

p.118 "Registering Names"

## Changing a User Code

This section describes how to change a registered user code.

### Important

- ☐ Even if you change a user code, the counter value will not be cleared.

- 1** Press [System Settings].



- 2** Press [Administrator Tools].

- 3** Press [Address Book Management].

**4** Check that **[Program / Change]** is selected.

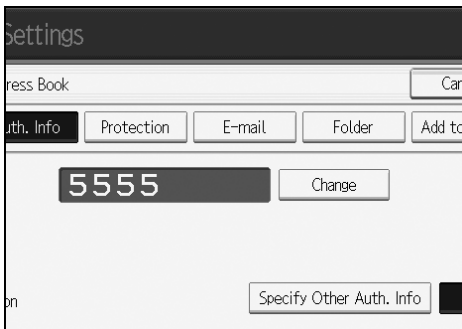
**5** Select the user whose user code you want to change.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

**6** Press **[Auth. Info]**.

**7** Press **[Change]**, and then enter the new user code using the number keys



**8** Press the **[#]** key.

**9** To change the available functions, press **[Auth. Info]** and then press **[▼Next]** twice.

**10** Press the key to select the functions to enable them.

Press the key to highlight it, and then the function is enabled. To cancel a selection, press the highlighted key.

**11** Press **[OK]**.

**12** Press **[Exit]**.

**13** Press the **[User Tools/Counter]** key.

#### **Note**

- ☐ To change the name, key display and title, see “Changing a Registered Name”.

#### **Reference**

p.120 “Changing a Registered Name”

## Deleting a User Code

This section describes how to delete registered user code.

### Important

- ☐ After clearing the user code, the counter is automatically cleared.

#### **1** Press [System Settings].



#### **2** Press [Administrator Tools].

#### **3** Press [Address Book Management].

#### **4** Check that [Program / Change] is selected.

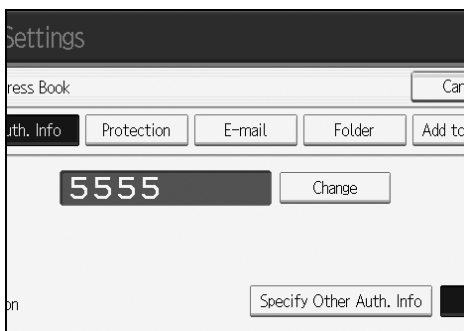
#### **5** Select the name whose code is to be deleted.

Press the name key, or enter the registered number using the number keys.

If you press [Search], you can search by the registered name, user code, folder name, or e-mail address.

#### **6** Press [Auth. Info].

#### **7** Press [Change] to delete the user code, and then press the [#] key.



#### **8** Press [OK].

#### **9** Press [Exit].

**10** Press the **[User Tools/Counter]** key.

 **Note**

- ☐ To delete a name from the Address Book entirely, see “Deleting a Registered Name”.

 **Reference**

p.121 “Deleting a Registered Name”

---

## Displaying the Counter for Each User

---

This section describes how to display the counter for each user.

**1** Press **[System Settings]**.



**2** Press **[Administrator Tools]**.

**3** Press **[Display / Clear / Print Counter per User]**.

**4** Select the function usage you want to print from **[Print Counter]** or **[Scanner Counter]**.

Counters for individual function usage under each user code appear.

## Printing the Counter for Each User

This section describes how to print the counter for each user.

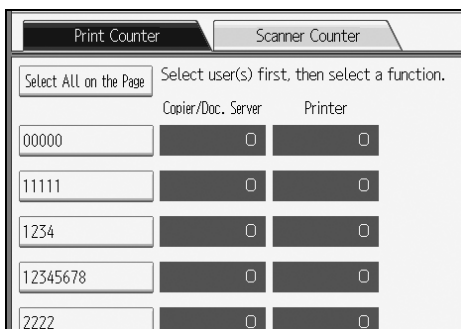
**1** Press **[System Settings]**.



**2** Press **[Administrator Tools]**.

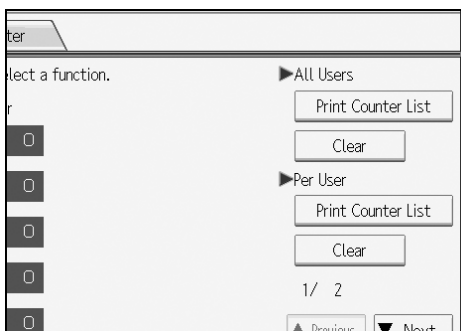
**3** Press **[Display / Clear / Print Counter per User]**.

**4** Select a user code from the left side of the display.



Press **[Select All on the Page]** to select all user codes on the page.

**5** Press **[Print Counter List]** under "Per User".



Enter the user code, and then press the **[#]** key if the User Code Authentication is specified.

- 6** Select the function usage you want to print from [Copier Counter], [Printer Counter], [Scanner Counter], and [Total Prints].
- 7** Press [Print].

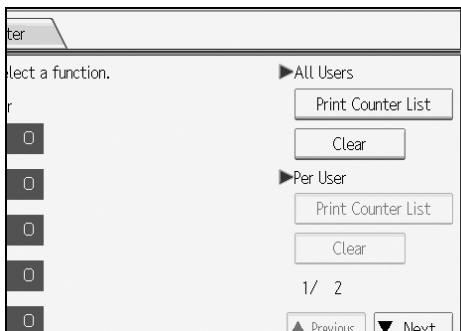
## Printing the Counter for All Users

This section describes how to print the counter for all users.

- 1** Press [System Settings].



- 2** Press [Administrator Tools].
- 3** Press [Display / Clear / Print Counter per User].
- 4** Press [Print Counter List] under "All Users".



Enter the user code, and then press the **【#】** key if the User Code Authentication is specified.

- 5** Select the function usage you want to print from [Copier Counter], [Printer Counter], [Scanner Counter], and [Total Prints].
- 6** Press [Print].

## Clearing the Number of Prints

This section describes how to clear the counter.

- 1 Press [System Settings].

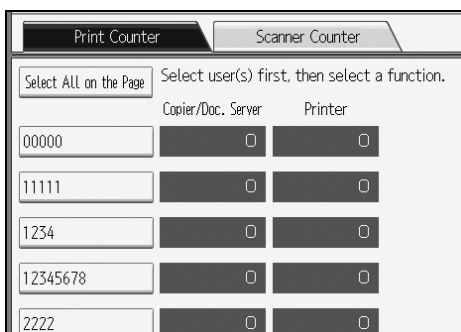


- 2 Press [Administrator Tools].

- 3 Press [Display / Clear / Print Counter per User].

- 4 Select the user code to clear.

- 5 To clear the number of prints made under a user code, select the user code from the left side of the display.



Press [Select All on the Page] to select all user codes on the page.

- 6 Press [Clear] under "Per User".

- 7 Select the function usage you want to clear from [Copier Counter], [Printer Counter], [Scanner Counter], and [All Counters].

- 8 Press [OK].

- 9 To clear the number of prints for all user codes, press [Clear] under "All Users".

- 10 Select the function usage you want to clear from [Copier Counter], [Printer Counter], [Scanner Counter], and [All Counters].

- 11** Press [OK].
- 12** Press [Exit].
- 13** Press the [User Tools/Counter] key.

## E-mail Destination

This section describes the procedure for registering, changing, and deleting E-mail Destination.

Register e-mail destinations so you do not need to enter an e-mail address every time, and can send scan files from scanner function by e-mail.

- It is easy to select the e-mail destination if you register "Name" and "Key Display" as the e-mail destination.
- You can register e-mail destinations as a group.
- You can use the e-mail address as the sender's address when sending scan files in scanner mode. If you want to do this, set a protection code on the sender address to prevent unauthorized access.

### Note

- ☐ You can select an e-mail address from an LDAP server, and then register it in the Address Book. See "Sending Scan File by E-mail", Scanner Reference.

### Reference

p.168 "Registering a Protection Code"

6

---

## Registering an E-mail Destination

---

This section describes how to register an e-mail destination.

- 1** Press [System Settings].



- 2** Press [Administrator Tools].

- 3** Press [Address Book Management].

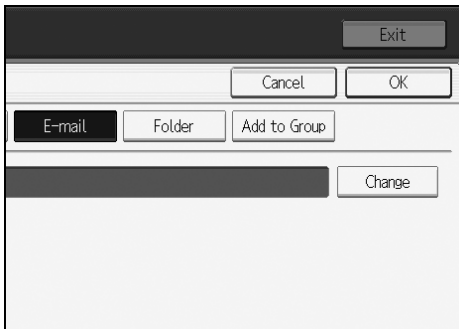
- 4** Check that [Program / Change] is selected.

- 5** Select the name whose e-mail address you want to register. Press the name key, or enter the registered number using the number keys.

If you press [Search], you can search by the registered name, user code, folder name, or e-mail address.

**6** Press [E-mail].

**7** Press [Change] under "E-mail Address".



**8** Enter the e-mail address, and then press [OK].



**9** Press [OK].

**10** Press [Exit].

**11** Press the [User Tools/Counter] key.

#### Note

- ☐ You can enter up to 128 characters for the e-mail address.
- ☐ To register the name, see "Registering Names".

#### Reference

- p.118 "Registering Names"
- p.123 "Registering a User Code"
- p.158 "Registering Names to a Group"

---

## Using the e-mail address as the sender

---

This section describes how to use the e-mail address as a sender.

**1** Press [Protection].

**2** Press [Sender] under "Use Name as".

## Changing an E-mail Destination

This section describes how to change an e-mail destination.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

- 3** Press **[Address Book Management]**.

- 4** Check that **[Program / Change]** is selected.

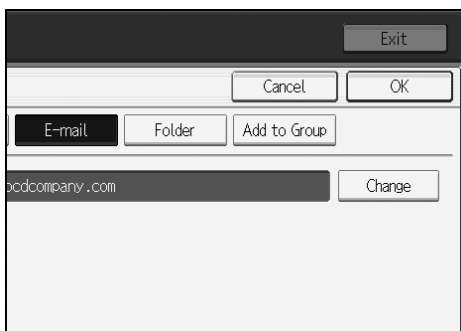
- 5** Select the name whose e-mail address you want to change.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[E-mail]**.

- 7** Press **[Change]** under "E-mail Address".



- 8** Enter the e-mail address, and then press **[OK]**.

- 9** Press **[OK]**.

- 10** Press **[Exit]**.

**11** Press the **[User Tools/Counter]** key.

 **Note**

- ☐ To change the name, key display and title, see "Changing a Registered Name".

 **Reference**

p.120 "Changing a Registered Name"

p.133 "Using the e-mail address as the sender"

"Entering Text", About This Machine

## Deleting an E-mail Destination

This section describes how to delete an e-mail destination.

**1** Press **[System Settings]**.



**2** Press **[Administrator Tools]**.

**3** Press **[Address Book Management]**.

**4** Check that **[Program / Change]** is selected.

**5** Select the name whose e-mail address you want to delete.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

**6** Press **[E-mail]**.

**7** Press **[Change]** under "E-mail Address".

**8** Press **[Delete All]**, and then press **[OK]**.

**9** Press **[OK]**.

**10** Press **[Exit]**.

 Press the **【User Tools/Counter】** key.

 **Note**

- ☐ To delete the name, key display, and title, see “Deleting a Registered Name”.

 **Reference**

p.121 “Deleting a Registered Name”

# Registering Folders

This section describes the procedure for registering, changing, and deleting folders. By registering a shared folder, you can send scan files to it directly.

There are three types of protocol you can use:

- SMB  
For sending files to shared Windows folders.
- FTP  
Use when sending files to an FTP server.
- NCP  
Use when sending files to an NetWare server.

## Note

- ☐ For details about protocols, server names, and folder levels, consult your network administrator.
- ☐ You can prevent unauthorized users from accessing folders from the machine. See "Registering a Protection Code".
- ☐ You can only select either SMB, FTP, or NCP. If you change protocol after finishing your settings, all previous entries are cleared.

## Using SMB to Connect

This section describes the procedure for registering, changing, and deleting SMB folders.

### Note

- ☐ To register a folder in an FTP server, see “Using FTP to Connect”.
- ☐ To register a folder in an NetWare server, see “Using NCP to Connect”.

### Reference

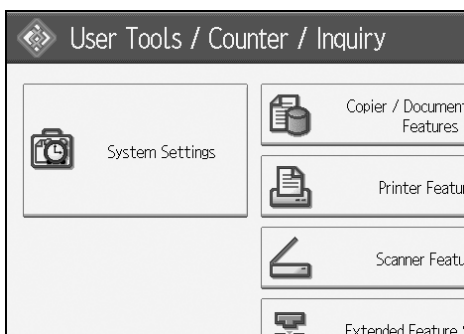
p.145 “Using FTP to Connect”

p.150 “Using NCP to Connect”

## Registering a SMB Folder

This section describes how to register a SMB folder.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

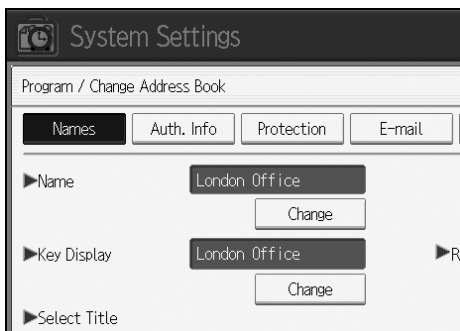
- 3** Press **[Address Book Management]**.

- 4** Check that **[Program / Change]** is selected.

- 5** Select the name whose folder you want to register. Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

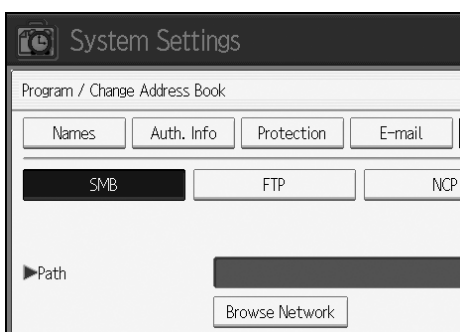
- 6** Press [Auth. Info], and then press [▼Next].



- 7** Press [Specify Other Auth. Info] on the right side of Folder Authentication.

When [Do not Specify] is selected, the SMB User Name and SMB Password that you have specified in Default User Name / Password (Send) of File Transfer settings applies.

- 8** Press [Change] under "Login User Name".
- 9** Enter the login user name, and then press [OK].
- 10** Press [Change] under "Login Password".
- 11** Enter the password, and then press [OK].
- 12** Enter the password again to confirm, and then press [OK].
- 13** Press [Folder].
- 14** Check that [SMB] is selected.



To specify a folder, you can either enter the path manually or locate the folder by browsing the network.

- 15** Press [Connection Test] to check the path is set correctly.
- 16** Press [Exit].
- If the connection test fails, check the settings, and then try again.
- 17** Press [OK].

**18** Press **[Exit]**.

**19** Press the **[User Tools/Counter]** key.

 **Note**

- ☐ To register the name, see Registering Names”.
- ☐ You can enter up to 64 characters for the user name.
- ☐ You can enter up to 64 characters for the password.
- ☐ You can enter a path using up to 128 characters.
- ☐ If User Authentication is specified, contact your administrator.

 **Reference**

p.118 “Registering Names”

p.140 “Locating the SMB folder manually”

p.141 “Locating the SMB folder using Browse Network”

---

## Locating the SMB folder manually

---

This section describes how to locate the SMB folder manually.

**1** Press **[Change]** under "Path".

**2** Enter the path where the folder is located.

**3** Press **[OK]**.

If the format of the entered path is not correct, a message appears. Press **[Exit]**, and then enter the path again.

 **Note**

- ☐ Enter the path using this format: “\\ServerName\Share- Name\Path-Name”.
- ☐ You can also enter an IPv4 address.
- ☐ You can enter a path using up to 128 characters.

---

## Locating the SMB folder using Browse Network

---

This section describes how to locate the SMB folder using Browse Network.

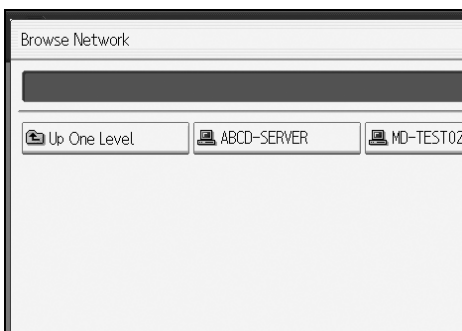
### 1 Press **[Browse Network]**.

The client computers sharing the same network as the machine appear.

If you have already specified your user name and password in steps 7 to 13 on "Registering a SMB Folder", the Network display only lists client computers you are authorized to access.

### 2 Select a client computer.

Shared folders under it appear.



You can press **[Up One Level]** to switch between levels.

### 3 Select the folder you want to register, and then Press **[OK]**.

---

## If a Login Screen Appears

---

This section describes how to log on to the machine if the login screen appears when you try to access a folder by browsing the network.

If you have not specified folder authentication, or if an incorrect user name or password has been entered for folder authentication, the login screen appears.

### 1 Enter the login user name, and then press **[OK]**.

Enter the login user name specified for folder authentication.

### 2 Enter the password, and then press **[OK]**.

The path to the selected folder appears.

If a message appears, press **[Exit]**, and then enter the login user name and password again.

## Changing a SMB Folder

This section describes how to change settings of the registered SMB folder.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

- 3** Press **[Address Book Management]**.

- 4** Check that **[Program / Change]** is selected.

- 5** Select the name whose folder you want to change.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Folder]**.

- 7** Select the items you want to change.

- 8** Press **[Connection Test]** to check the path is set correctly.

- 9** Press **[Exit]**.

- 10** Press the **[User Tools/Counter]** key.

### Note

- ☐ To change the name, key display and title, see “Changing a Registered Name”.
- ☐ If the connection test fails, check the settings, and then try again.

### Reference

- p.120 “Changing a Registered Name”
- p.143 “Changing the registered SMB folder”
- p.143 “To change the protocol”

## Changing the registered SMB folder

This section describes how to change the registered SMB folder.

**1** Press **[Change]** under "Path".

**2** Enter the New path where the folder is located, and then press **[OK]**.

You can also use Browse Network to specify a new folder. For details, see "Locating the SMB folder using Browse Network".

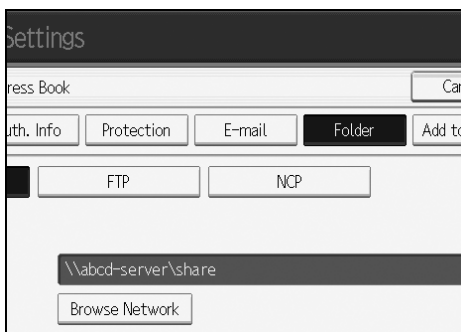
### Reference

p.141 "Locating the SMB folder using Browse Network"

## To change the protocol

This section describes how to change the protocol.

**1** Press **[FTP]** or **[NCP]**.



**2** A confirmation message appears. Press **[Yes]**.

Changing the protocol will clear all settings made under the previous protocol.

**3** Enter each item again.

### Reference

p.145 "Registering a FTP Folder"

## Deleting a SMB folder

This section describes how to delete the registered SMB folder.

### 1 [System Settings].



### 2 Press [Administrator Tools].

### 3 Press [Address Book Management].

### 4 Check that [Program / Change] is selected.

### 5 Select the name whose folder you want to delete.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

### 6 Press [Folder].

### 7 Press the protocol which is not currently selected.

A confirmation message appears.

### 8 Press [Yes].

### 9 Press [OK].

### 10 Press [Exit].

### 11 Press the [User Tools/Counter] key.

#### Note

- ☐ To delete the name, key display, and title, see "Deleting a Registered Name".

#### Reference

p.121 "Deleting a Registered Name"

## Using FTP to Connect

This section describes the procedure for registering, changing, and deleting FTP folders.

### Note

- ☐ To register a shared folder configured in Windows, see "Using SMB to Connect".
- ☐ To register a folder in an NetWare server, see "Using NCP to Connect".

### Reference

p.138 "Using SMB to Connect"

p.150 "Using NCP to Connect"

## Registering a FTP Folder

This section describes how to register an FTP folder.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.
- 3** Press **[Address Book Management]**.
- 4** Check that **[Program / Change]** is selected.
- 5** Select the name whose folder you want to register.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

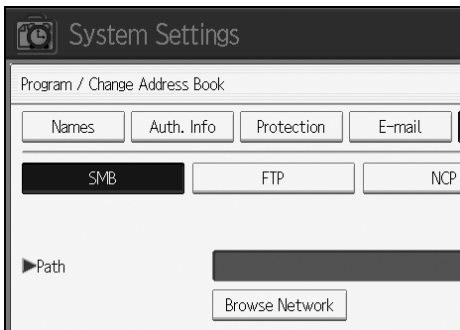
- 6** Press **[Auth. Info]**, and then press **[▼Next]**.

- 7** Press **[Specify Other Auth. Info]** on the right side of "Folder Authentication".

When **[Do not Specify]** is selected, the FTP User Name and FTP Password that you have specified in Default User Name / Password (Send) of File Transfer settings applies. For details, see "File Transfer".

- 8** Press **[Change]** under "Login User Name".

- 9** Enter the login user name, and then press [OK].
- 10** Press [Change] under "Login Password".
- 11** Enter the password, and then press [OK].
- 12** Enter the password again to confirm, and then press [OK].
- 13** Press [Folder].
- 14** Press [FTP].



6

- 15** Press [Change] under "Server Name".
- 16** Enter the server name, and then press [OK].
- 17** Press [Change] under "Path".
- 18** Enter the path, and then press [OK].  
 You can enter an absolute path, using this format: "/user/ home/username";  
 or a relative path, using this format: "directory/sub-directory".  
 If you leave the path blank, the login directory is assumed to be the current  
 working directory.  
 You can also enter an IPv4 address.  
 You can enter a path using up to 256 characters.
- 19** To change the port number, press [Change] under "Port No".
- 20** Enter the port number using the number keys, and then press the [#] key.  
 You can enter 1 to 65535.
- 21** Press [Connection Test] to check the path is set correctly.
- 22** Press [Exit].  
 If the connection test fails, check the settings, and then try again.
- 23** Press [OK].
- 24** Press [Exit].

**25** Press the **[User Tools/Counter]** key.

 **Note**

- ☐ To register the name, see Registering Names”.
- ☐ You can enter up to 64 characters for the user name.
- ☐ You can enter up to 64 characters for the password.
- ☐ You can enter a server name using up to 64 characters.
- ☐ If User Authentication is specified, contact your administrator.

 **Reference**

p.118 “Registering Names”

p.140 “Locating the SMB folder manually”

p.141 “Locating the SMB folder using Browse Network”

---

## Changing a FTP Folder

---

This section describes how to change the registered FTP folder.

**1** Press **[System Settings]**.



**2** Press **[Administrator Tools]**.

**3** Press **[Address Book Management]**.

**4** Check that **[Program / Change]** is selected.

**5** Select the name whose folder you want to change, and then press **[Folder]**.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

**6** Press **[Folder]**.

**7** Select the items you want to change.

**8** Press **[Connection Test]** to check the path is set correctly.

**9** Press **[Exit]**.

## 10 Press the **[User Tools/Counter]** key.

### **Note**

- ☐ To change the name, key display and title, see “Changing a Registered Name”.

### **Reference**

p.120 “Changing a Registered Name”

p.148 “Changing the protocol”

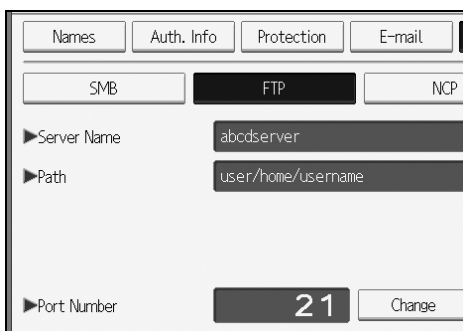
---

## Changing the protocol

---

This section describes how to change the protocol.

### 1 Press **[SMB]**, or **[NCP]**.



### 2 A confirmation message appears. Press **[Yes]**.

Changing the protocol will clear all settings made under the previous protocol.

### 3 Enter each item again.

### **Reference**

p.138 “Registering a SMB Folder”

---

## Changing the registered FTP folder

---

This section describes how to change the registered FTP folder.

### 1 Press **[Change]** under "Port No".

### 2 Enter the new port number, and then press the **[#]** key.

### 3 Press **[Change]** under "Server Name".

### 4 Enter the new server name, and then press **[OK]**.

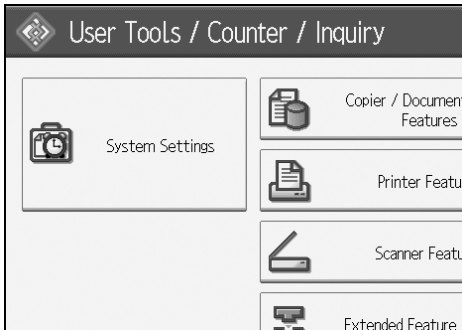
### 5 Press **[Change]** under "Path".

### 6 Enter the new path, and then press **[OK]**.

## Deleting a FTP Folder

This section describes how to delete the registered FTP folder.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.
- 3** Press **[Address Book Management]**.
- 4** Check that **[Program / Change]** is selected.
- 5** Select the name whose folder you want to delete.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Folder]**.
- 7** Press the protocol which is not currently selected.  
A confirmation message appears.
- 8** Press **[Yes]**.
- 9** Press **[OK]**.
- 10** Press **[Exit]**.
- 11** Press the **[User Tools/Counter]** key.

### Note

- ☐ To delete a name entirely, see "Deleting a Registered Name".

### Reference

p.121 "Deleting a Registered Name"

## Using NCP to Connect

This section describes the procedure for registering, changing, and deleting NCP folders.

### Note

- ☐ To register a shared folder configured in Windows, see “Using SMB to Connect”
- ☐ To register a folder in an FTP server, see “Using FTP to Connect”

### Reference

p.138 “Using SMB to Connect”

p.145 “Using FTP to Connect”

## Registering a NCP Folder

This section describes how to register an NCP folder.

### **1** Press [System Settings].



### **2** Press [Administrator Tools].

### **3** Press [Address Book Management].

### **4** Check that [Program / Change] is selected.

### **5** Press the name you want to register or enter the registered number using the number keys.

If you press [Search], you can search by the registered name, user code, folder name, or e-mail address.

### **6** Press [Auth. Info], and then press [▼Next].

### **7** Press [Specify Other Auth. Info] on the right side of Folder Authentication.

When [Do not Specify] is selected, the NCP User Name and NCP Password that you have specified in Default User Name / Password (Send) of File Transfer settings applies. For details, see "File Transfer".

### **8** Press [Change] under "Login User Name".

- 9** Enter the login user name, and then press [OK].
- 10** Press [Change] under "Login Password".
- 11** Enter the password, and then press [OK].
- 12** Enter the password again to confirm, and then press [OK].
- 13** Press [Folder].
- 14** Press [NCP].
- 15** Select "Connection Type".

If you want to specify a folder in an NDS tree, press [NDS]. If you want to specify a folder on a NetWare server, press [Bindery].

If you have set "Connection Type" to [NDS], enter the user name followed by the name of the context where the user object is located. If the user name is "user" and the context name is "context", enter "user.context"

- 16** Specify the folder, and then Press [OK].
- 17** Press [Connection Test] to check the path is set correctly.
- 18** Press [Exit].
- 19** Press the [User Tools/Counter] key.

#### Note

- ☐ You can enter up to 64 characters for the user name.
- ☐ You can enter up to 64 characters for the password.
- ☐ To specify a folder, you can either enter the path manually or locate the folder by browsing the network.
- ☐ If User Authentication is specified, contact your administrator.

#### Reference

p.118 "Registering Names"

p.152 "Locate the NCP folder manually"

p.152 "Locating the NCP folder using Browse Network"

"Entering Text", About This Machine

---

## Locate the NCP folder manually

---

This section describes how to locate the NCP folder manually.

- 1** Press **[Change]** under "Path".
- 2** Enter the path where the folder is located.
- 3** Press **[OK]**.

### Note

- ☐ If you set "Connection Type" to **[NDS]**, and if the NDS tree name is "tree", the name of the context including the volume is "context", the volume name is "volume" and the folder name is "folder", then the path will be "\\tree\volume.context\folder".
- ☐ If you set "Connection Type" to **[Bindery]**, and if the NetWare server name is "server", the volume name is "volume" and the folder name is "folder", then the path will be "\\server\volume\folder".
- ☐ You can enter a path using up to 128 characters.
- ☐ If the connection test fails, check the settings, and then try again.

## 6

---

## Locating the NCP folder using Browse Network

---

This section describes how to locate the NCP folder using Browse Network.

- 1** Press **[Browse Network]**.
- 2** Search for the destination folder in the NDS tree or NetWare server.

You can press **[Up One Level]** to switch between levels.

If you have set "Connection Type" to **[NDS]**, a list of items in the NDS tree appears. If you have set "Connection Type" to **[Bindery]**, a list of items on the NetWare server appears.

- 3** Select the folder you want to register, and then press **[OK]**.

### Note

- ☐ Only the folders you are allowed to access appear in **[Browse Network]**.
- ☐ If the languages used on the machine and the destination you want to view differ, the items in the list may not appear correctly.
- ☐ Up to 100 items can be displayed in the list.

## Changing a NCP folder

This section describes how to change the registered NCP folder.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.
- 3** Press **[Address Book Management]**.
- 4** Check that **[Program / Change]** is selected.
- 5** Select the user of the registered folder you want to change.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Folder]**.

- 7** Select "Connection Type".

If you want to specify a folder in an NDS tree, press **[NDS]**. If you want to specify a folder on a NetWare server, press **[Bindery]**.

- 8** Specify the folder.
- 9** Press **[Connection Test]** to check the path is set correctly.
- 10** Press **[Exit]**.
- 11** Press the **[User Tools/Counter]** key.

### Note

- ☐ To change the name, key display and title, see "Changing a Registered Name".

### Reference

p.120 "Changing a Registered Name"

p.154 "Changing the registered NCP folder"

---

## Changing the registered NCP folder

---

This section describes how to change the register NCP folder.

**1** Press **[Change]** under "Path".

**2** Enter the path where the folder is located, and then press **[OK]**.

You can also use Browse Network to specify a new folder. For details, see "Locating the NCP folder manually".

 **Reference**

p.152 "Locate the NCP folder manually"

p.152 "Locating the NCP folder using Browse Network"

p.154 "Changing the protocol"

---

## Changing the protocol

---

This section describes how to change the protocol.

**1** Press **[SMB]**, or **[FTP]**.

**2** A confirmation message appears. Press **[Yes]**.

Changing the protocol will clear all settings made under the previous protocol.

**3** Enter each item again.

 **Reference**

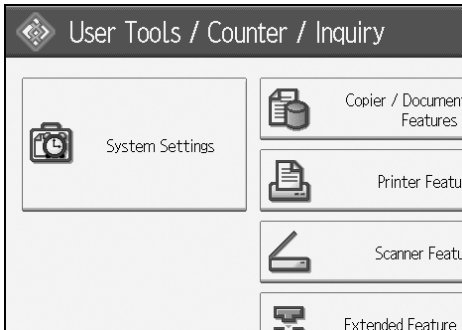
p.138 "Registering a SMB Folder"

p.145 "Registering a FTP Folder"

## Deleting an NCP Folder

This section describes how to delete the registered NCP folder.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.
- 3** Press **[Address Book Management]**.
- 4** Check that **[Program / Change]** is selected.
- 5** Select a user of the folder you want to delete.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Folder]**.
- 7** Press the protocol which is not currently selected.

A confirmation message appears.

- 8** Press **[Yes]**.

- 9** Press **[OK]**.

- 10** **[Exit]**.

- 11** Press the **[User Tools/Counter]** key.

### Note

- ☐ To delete a name entirely, see "Deleting a Registered Name".

### Reference

p.121 "Deleting a Registered Name"

# Registering Names to a Group

This section describes how to register names to a group.

You can register names to a group to enable easy management of e-mail addresses and folders for each group.

To add names to a group, the groups must be registered beforehand.

## Important

- ☐ When using Scan to Folder function, you cannot send scan files to a group with over 50 folders registered.
- ☐ You can register up to 100 groups.

## Note

- ☐ You can set a protection code to prevent unauthorized access to the folders registered in a group. For details, see "Registering a Protection Code".

## Reference

p.168 "Registering a Protection Code"

## 6

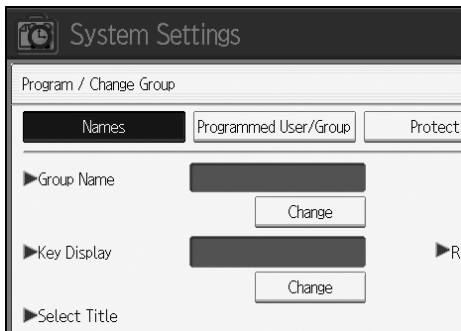
## Registering a Group

This section describes how to register a group.

- 1** Press [System Settings].



- 2** Press [Administrator Tools].
- 3** Press [Address Book: Program / Change / Delete Group].
- 4** Check that [Program / Change] is selected.
- 5** Press [New Program].

**6** Press **[Change]** under "Group Name".**7** Enter the group name, and then press **[OK]**.

The key display name is set automatically.

**8** When you want to change the key display, press **[Change]** under "Key Display".**9** Enter the key display, and then press **[OK]**.**10** Press the title key under **Select Title**, if necessary.

The keys you can select are as follows:

- **[Frequent]**: Added to the page that is displayed first.
- **[AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]**...  
Added to the list of items in the selected title.

You can select **[Frequent]** and one more page for each title.

**11** Press **[OK]**.**12** Press **[Exit]**.**13** Press the **[User Tools/Counter]** key.

 **Reference**

"Entering Text", About This Machine

## Registering Names to a Group

This section describes how to register names to a registered group.

You can put names that have been registered in the Address Book into a group.

When registering new names, you can also register groups at the same time.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

- 3** Press **[Address Book Management]**.

- 4** Check that **[Program / Change]** is selected.

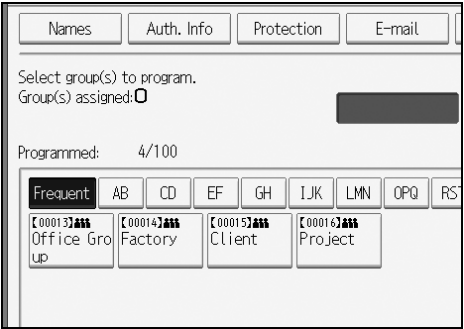
- 5** Select the name to register in a group.

Press the name key, or enter the registered number using the number keys.

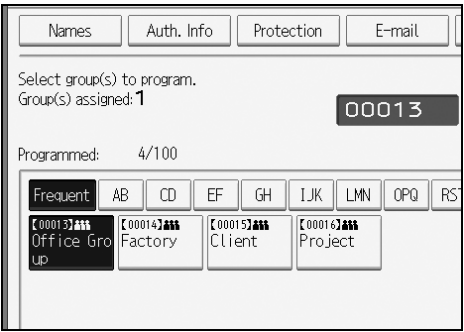
If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Add to Group]**.

**7** Select a group to which you want to add the name to.



The group key that you have selected becomes highlighted, and the name is added to it.



**8** Press [OK].

**9** Press [Exit].

**10** Press the [User Tools/Counter] key.

## Adding a Group to Another Group

This section describes how to add a group to another group.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

- 3** Press **[Address Book: Program / Change / Delete Group]**.

- 4** Check that **[Program / Change]** is selected.

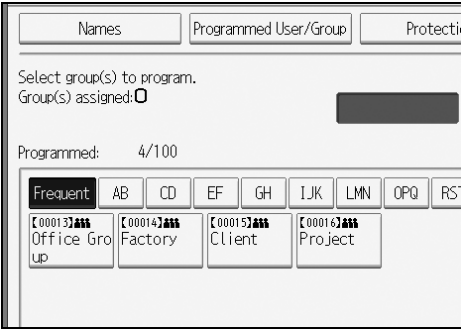
- 5** Select the group that you want to put into another group.

Press the group key, or enter the registered number using the number keys.

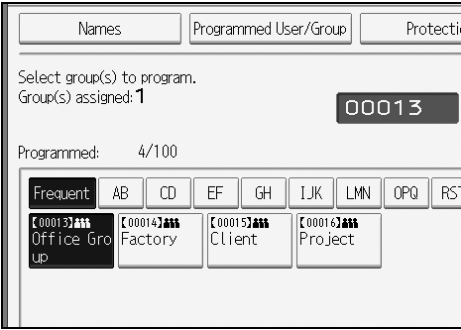
If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Add to Group]**.

**7** Select the group which you want to add to.



The group key that you have selected becomes highlighted, and the group is added to it.



**8** Press [OK].

**9** Press [Exit].

**10** Press the [User Tools/Counter] key.

## Displaying Names Registered in a Group

This section describes how to display names registered in a group. You can check the names or groups registered in each group.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.
- 3** Press **[Address Book: Program / Change / Delete Group]**.
- 4** Check that **[Program / Change]** is selected.
- 5** Select the group where the members you want to check is registered.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Programmed User/Group]**.

All the names registered will be displayed.

- 7** Press **[OK]**.

- 8** Press **[Exit]**.

- 9** Press the **[User Tools/Counter]** key.

# Removing a Name from a Group

This section describes how to remove a name from a group.

**1** Press **[System Settings]**.



**2** Press **[Administrator Tools]**.

**3** Press **[Address Book Management]**.

**4** Check that **[Program / Change]** is selected.

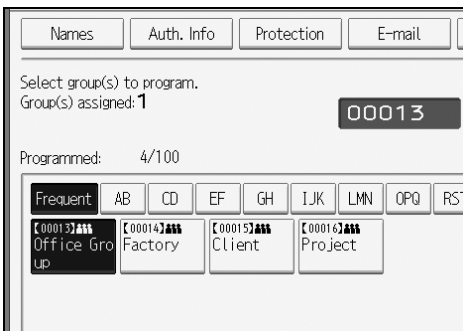
**5** Select the name to remove from a group.

Press the name key, or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

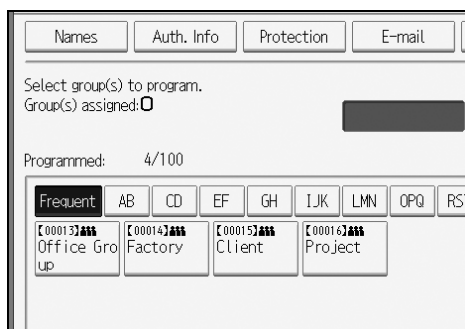
**6** Press **[Add to Group]**.

**7** Select the group from which you want to remove the name.



The group key that you have selected becomes highlighted, and the name is added to it.

**8** Press [OK].



**9** Press [Exit].

**10** Press the [User Tools/Counter] key.

## Deleting a Group Within Another Group

This section describes how to delete a group within another group.

6

**1** Press [System Settings].



**2** Press [Administrator Tools].

**3** Press [Address Book: Program / Change / Delete Group].

**4** Check that [Program / Change] is selected.

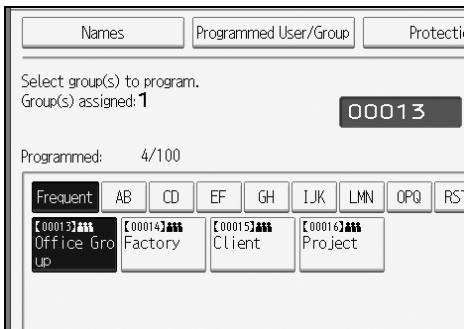
**5** Select the group that you want to delete from.

Press the group key, or enter the registered number during the number keys.  
If you press [Search], you can search by the registered name, user code, folder name, or e-mail address.

**6** Press [Add to Group].

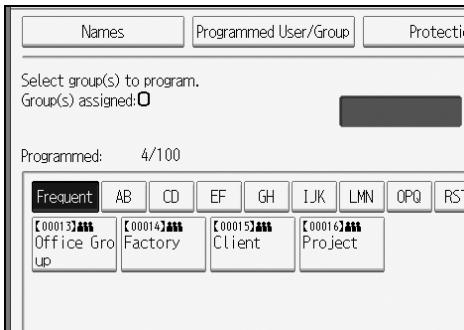
The keys of groups in which the group is registered appear highlighted.

**7** Select the group that you want to delete from.



The group key is deselected and the group is deleted from it.

**8** Press [OK].



**9** Press [Exit].

**10** Press the [User Tools/Counter] key.

## Changing a Group Name

This section describes how to change a group name.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

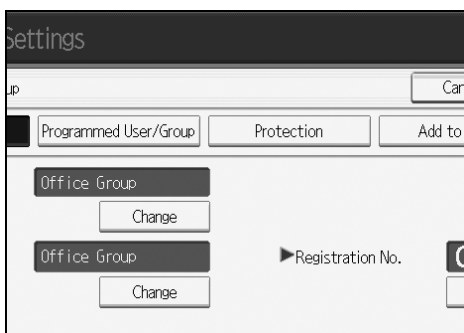
- 3** Press **[Address Book: Program / Change / Delete Group]**.

- 4** Check that **[Program / Change]** is selected.

- 5** Press the group key you want to change.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** To change the group name and key display, press **[Change]** under "Group Name" or "Key Display".



- 7** Enter the new group name or key display, and then press **[OK]**.

- 8** To change the title, press the title key under Select Title.

- 9** To change the registration number, press **[Change]** under "Registration No".

- 10** Enter the new registration number using the number keys, then Press the **[#]** key.

- 11** Press **[OK]**.

**12** Press [Exit].

**13** Press the [User Tools/Counter] key.

---

## Deleting a Group

---

This section describes how to delete a group

**1** Press [System Settings].



**2** Press [Administrator Tools].

**3** Press [Address Book: Program / Change / Delete Group].

**4** Press [Delete].

**5** Press a group key you want to delete.

If you press [Search], you can search by the registered name, user code, folder name, or e-mail address.

**6** Press [Yes].

# Registering a Protection Code

This section describes how to register a Protection Code.

You can stop sender's names or folders being accessed by setting a protection code.

You can use this function to protect the following:

- Folders  
You can prevent unauthorized access to folders.
- Sender's names  
You can prevent misuse of sender's names.



## Reference

p.123 "Registering a User Code"

## Registering a Protection Code to a Single User

This section describes how to register a Protection code to a single user.

6

**1** Press [System Settings].



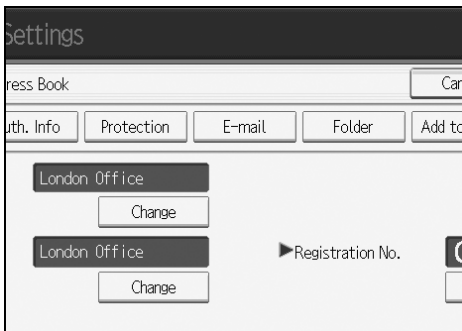
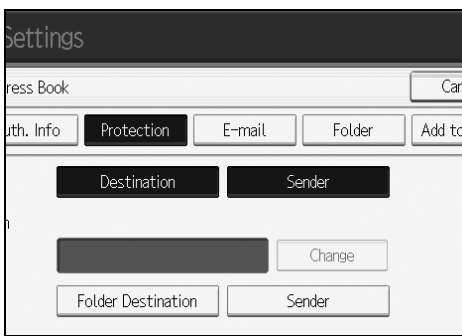
**2** Press [Administrator Tools].

**3** Press [Address Book Management].

**4** Check that [Program / Change] is selected.

**5** Select the name whose protection code you want to register.

If you press [Search], you can search by the registered name, user code, folder name, or e-mail address.

**6** Press **[Protection]**.**7** Press **[Destination]** or **[Sender]** under "Use Name as".

Both **[Destination]** and **[Sender]** can be selected at the same time.

**8** Press **[Folder Destination]** or **[Sender]** under "Protection Object".

Both **[Folder Destination]** and **[Sender]** can be selected at the same time.

**9** Press **[Change]** under "Protection Code".**10** Enter a protection code using the number keys, and then press the **[#]** key.**11** Press **[OK]**.**12** Press **[Exit]**.**13** Press the **[User Tools/Counter]** key.**Note**

- ☐ Specify a protection code of up to eight digits. You can also specify "Protection" without specifying a protection code.

## Registering a Protection Code to a Group User

This section describes how to register a Protection Code to a Group User.

- 1** Press **[System Settings]**.



- 2** Press **[Administrator Tools]**.

- 3** Press **[Address Book: Program / Change / Delete Group]**.

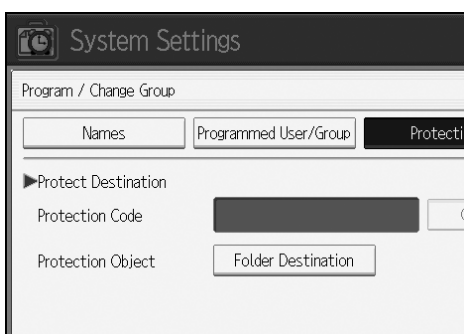
- 4** Check that **[Program / Change]** is selected.

- 5** Press the group key you want to register or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

- 6** Press **[Protection]**.

- 7** Press **[Folder Destination]** under "Protection Object".



- 8** Press **[Change]** under "Protection Code".

- 9** Enter a protection code using the number keys, and then press the **[#]** key.

- 10** Press **[OK]**.

**11** Press [Exit].

**12** Press the [User Tools/Counter] key.

 **Note**

- ☐ Specify a protection code of up to eight digits. You can also specify “Protection” without specifying a protection code.

# Registering SMTP and LDAP Authentication

This section describes how to register SMTP and LDAP Authentication.

## SMTP Authentication

This section describes how to register SMTP Authentication.

For each user registered in the Address Book, you can register a login user name and login password to be used when accessing an SMTP server.

To use an SMTP server, you need to program it beforehand.

### Important

- ☐ When **[Do not Specify]** is selected for SMTP Authentication, the User Name and Password that you have specified in SMTP Authentication of File Transfer settings applies. For details, see "File Transfer".

### **1** Press **[System Settings]**.



### **2** Press **[Administrator Tools]**.

### **3** Press **[Address Book Management]**.

### **4** Check that **[Program / Change]** is selected.

### **5** Press the name you want to register or enter the registered number using the number keys

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

### **6** Press **[Auth. Info]**.

### **7** Press **[Specify Other Auth. Info]** on the right side of SMTP Authentication.

- 8** Press [Change] under "Login User Name".

- 9** Enter the login user name, and then press [OK].
- 10** Press [Change] under "Login Password".
- 11** Enter the password, and then press [OK].
- 12** Enter the password again to confirm, and then press [OK].
- 13** [OK].
- 14** Press [Exit].
- 15** Press the [User Tools/Counter] key.

 **Note**

- ☐ To register the name, see "Registering Names".
- ☐ You can enter up to 191 characters for the user name.
- ☐ You can enter up to 128 characters for the password.
- ☐ When using POP before SMTP Authentication, you can enter up to 191 characters for the user name, and 128 characters for the password.
- ☐ To change the SMTP Authentication settings, repeat step **2** to **15**.

 **Reference**

- p.118 "Registering Names"
- p.12 "Network Settings"
- "Entering Text", About This Machine

## LDAP Authentication

This section describes how to register LDAP Authentication.

For each user registered in the Address Book, you can register a login user name and login password to be used when accessing an LDAP server.

To use an LDAP server, you need to program it beforehand. For details, see "LDAP Server Settings", Network Guide.

### Important

- ☐ When **[Do not Specify]** is selected for LDAP Authentication, the User Name and Password that you have specified in Program / Change LDAP Server of Administrator Tools settings applies. For details, see "LDAP Server Settings".

### 1 Press [System Settings].



### 2 Press [Administrator Tools].

### 3 Press [Address Book Management].

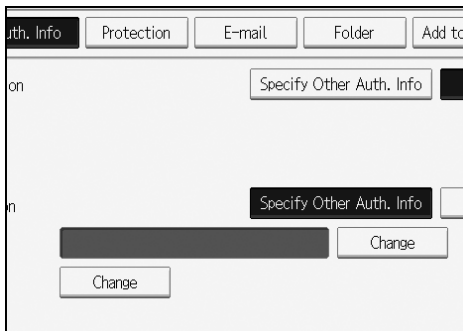
### 4 Check that [Program / Change] is selected.

### 5 Press the name you want to register or enter the registered number using the number keys.

If you press **[Search]**, you can search by the registered name, user code, folder name, or e-mail address.

### 6 Press [Auth. Info], and then press [▼Next].

### 7 Press [Specify Other Auth. Info] on the right side of "LDAP Authentication".

**8** Press [Change] under "Login User Name".**9** Enter the login user name, and then press [OK].**10** Press [Change] under "Login Password".**11** Enter the password, and then press [OK].**12** Enter the password again to confirm, and then press [OK].**13** Press [OK].**14** Press [Exit].**15** Press the [User Tools/Counter] key. **Note**

- ☐ To register the name, see "Registering Names".
- ☐ You can enter up to 128 characters for the user name.
- ☐ You can enter up to 128 characters for the password.
- ☐ To change the LDAP Authentication settings, repeat step **2** to **15**.

**Reference**

p.118 "Registering Names"  
 "Entering Text", About This Machine



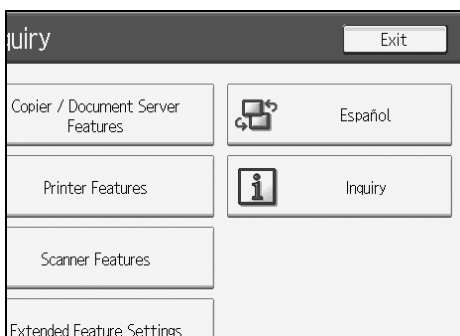
# 7. Other User Tools

Initial settings allow you switch the language as well as checking the number of printed papers by displaying the counter. For the details on how to access respective settings, see "Accessing User Tools".

## Changing the Display Language

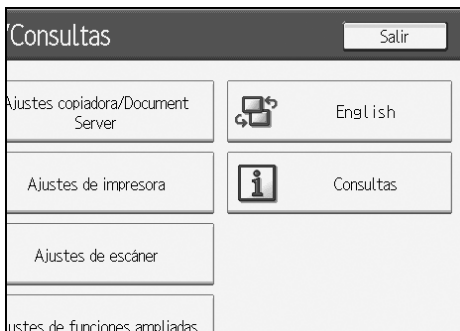
You can change the language used on the display. English is set as default.

**1** Press [Español].



The language is changed to Spanish.

**2** Press [Salir].



The menu appears in Spanish.

### Reference

p.3 "Accessing User Tools"

# Inquiry

The inquiry function lets you check the telephone numbers to contact for repairs, or ordering consumables such as toner. Be sure to contact your service engineer to verify the following:

## ❖ Consumables

- Telephone No. to order
- Toner
- Staple
- TX Stamp Name

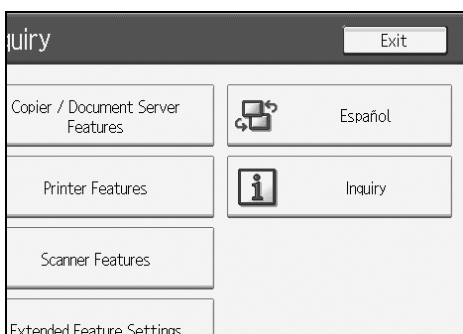
## ❖ Machine Maintenance/Repair

- Telephone No.
- Serial No. of Machine

## ❖ Sales Representative

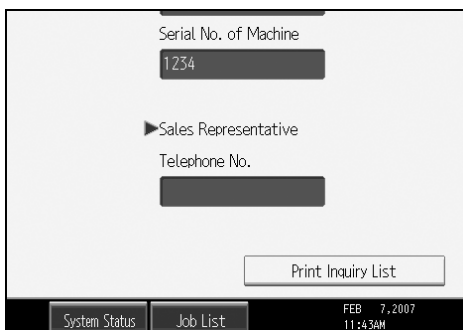
- Telephone No.

### 1 Press [Inquiry].



Inquiry information appears.

### 2 Press [Print Inquiry List].



**3** Press the **[Start]** key.

Inquiry information prints out.

**4** Press **[Exit]** twice.

 **Reference**

p.3 "Accessing User Tools"

# Counter

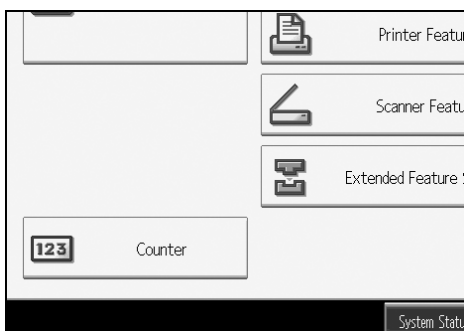
---

## Displaying the Total Counter

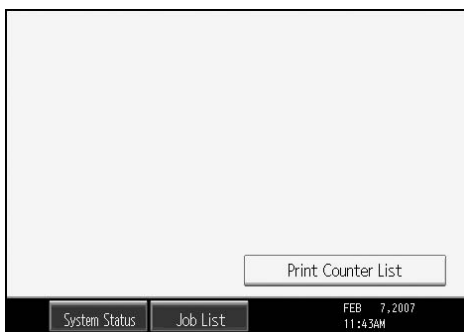
---

You can display the total counter value used for all functions.

**1** Press **[Counter]**.



**2** To print a counter list, press **[Print Counter List]**.



**3** Press the **[Start]** key.

A counter list prints out.



### Reference

p.3 "Accessing User Tools"

## Copyrights

---

### expat

---

- The software including controller, etc. (hereinafter "software") installed on this product uses the expat under the conditions mentioned below.
- The product manufacturer provides warranty and support to the software of the product including the expat, and the product manufacturer makes the initial developer and copyright holder of the expat, free from these obligations.
- Information relating to the expat is available at:  
<http://expat.sourceforge.net/>

Copyright © 1998, 1999, 2000 Thai Open Source Software Centre, Ltd. and Clark Cooper.

Copyright © 2001, 2002 Expat maintainers.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---

## NetBSD

---

### 1. Copyright Notice of NetBSD

For all users to use this product:

This product contains NetBSD operating system:

For the most part, the software constituting the NetBSD operating system is not in the public domain; its authors retain their copyright.

The following text shows the copyright notice used for many of the NetBSD source code. For exact copyright notice applicable for each of the files/binaries, the source code tree must be consulted.

A full source code can be found at <http://www.netbsd.org/>.

Copyright © 1999, 2000 The NetBSD Foundation, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- ① Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- ② Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- ③ All advertising materials mentioning features or use of this software must display the following acknowledgment:  
This product includes software developed by The NetBSD Foundation, Inc. and its contributors.
- ④ Neither the name of The NetBSD Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### 2. Authors Name List

All product names mentioned herein are trademarks of their respective owners.

The following notices are required to satisfy the license terms of the software that we have mentioned in this document:

- This product includes software developed by the University of California, Berkeley and its contributors.
- This product includes software developed by Jonathan R. Stone for the NetBSD Project.
- This product includes software developed by the NetBSD Foundation, Inc. and its contributors.
- This product includes software developed by Manuel Bouyer.
- This product includes software developed by Charles Hannum.
- This product includes software developed by Charles M. Hannum.
- This product includes software developed by Christopher G. Demetriou.
- This product includes software developed by ToolS GmbH.
- This product includes software developed by Terrence R. Lambert.
- This product includes software developed by Adam Glass and Charles Hannum.
- This product includes software developed by Theo de Raadt.
- This product includes software developed by Jonathan Stone and Jason R. Thorpe for the NetBSD Project.
- This product includes software developed by the University of California, Lawrence Berkeley Laboratory and its contributors.
- This product includes software developed by Christos Zoulas.
- This product includes software developed by Christopher G. Demetriou for the NetBSD Project.
- This product includes software developed by Paul Kranenburg.
- This product includes software developed by Adam Glass.
- This product includes software developed by Jonathan Stone.
- This product includes software developed by Jonathan Stone for the NetBSD Project.
- This product includes software developed by Winning Strategies, Inc.
- This product includes software developed by Frank van der Linden for the NetBSD Project.
- This product includes software developed for the NetBSD Project by Frank van der Linden
- This product includes software developed for the NetBSD Project by Jason R. Thorpe.
- The software was developed by the University of California, Berkeley.
- This product includes software developed by Chris Provenzano, the University of California, Berkeley, and contributors.

---

## Sablotron

---

Sablotron (Version 0.82) Copyright © 2000 Ginger Alliance Ltd. All Rights Reserved

- a) The application software installed on this product includes the Sablotron software Version 0.82 (hereinafter, "Sablotron 0.82"), with modifications made by the product manufacturer. The original code of the Sablotron 0.82 is provided by Ginger Alliance Ltd., the initial developer, and the modified code of the Sablotron 0.82 has been derived from such original code provided by Ginger Alliance Ltd.
- b) The product manufacturer provides warranty and support to the application software of this product including the Sablotron 0.82 as modified, and the product manufacturer makes Ginger Alliance Ltd., the initial developer of the Sablotron 0.82, free from these obligations.
- c) The Sablotron 0.82 and the modifications thereof are made available under the terms of Mozilla Public License Version 1.1 (hereinafter, "MPL 1.1"), and the application software of this product constitutes the "Larger Work" as defined in MPL 1.1. The application software of this product except for the Sablotron 0.82 as modified is licensed by the product manufacturer under separate agreement(s).
- d) The source code of the modified code of the Sablotron 0.82 is available at: <http://support-download.com/services/device/sablot/notice082.html>
- e) The source code of the Sablotron software is available at: <http://www.ginger-all.com>
- f) MPL 1.1 is available at: <http://www.mozilla.org/MPL/MPL-1.1.html>

---

## JPEG LIBRARY

---

- The software installed on this product is based in part on the work of the Independent JPEG Group.

---

## SASL

---

CMU libsassl

Tim Martin

Rob Earhart

Rob Siemborski

Copyright © 2001 Carnegie Mellon University. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- ① Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- ② Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- ③ The name "Carnegie Mellon University" must not be used to endorse or promote products derived from this software without prior written permission. For permission or any other legal details, please contact:

Office of Technology Transfer  
Carnegie Mellon University  
5000 Forbes Avenue  
Pittsburgh, PA 15213-3890  
(412) 268-4387, fax: (412) 268-7395  
tech-transfer@andrew.cmu.edu

- ④ Redistributions of any form whatsoever must retain the following acknowledgment:  
"This product includes software developed by Computing Services at Carnegie Mellon University (<http://www.cmu.edu/computing/>)."

CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

---

## MD4

---

Copyright © 1990-2, RSA Data Security, Inc. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD4 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD4 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

---

## MD5

---

Copyright © 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

8

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

---

## Samba(Ver 3.0.4)

---

For SMB transmission, this machine uses Samba ver 3.0.4 (hereinafter referred to as Samba 3.0.4).

Copyright © Andrew Tridgell 1994-1998

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

### Note

- ☐ The source code for SMB transmission by this machine can be downloaded from the following website:

<http://support-download.com/services/scbs>

---

## RSA BSAFE®

---



- This product includes RSA BSAFE © cryptographic or security protocol software from RSA Security Inc.
- RSA and BSAFE are registered trademarks of RSA Security Inc. in the United States and/or other countries.
- RSA Security Inc. All rights reserved.

---

## Open SSL

---

Copyright © 1998-2004 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [openssl-core@openssl.org](mailto:openssl-core@openssl.org).
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

### Original SSLeay License

Copyright © 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com). The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as the following conditions are aheared to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Note that any information and cryptographic algorithms used in this software are publicly available on the Internet and at any major bookstore, scientific library, and patent office worldwide. More information can be found e.g. at "<http://www.cs.hut.fi/crypto>".

The legal status of this program is some combination of all these permissions and restrictions. Use only at your own responsibility. You will be responsible for any legal consequences yourself; I am not making any claims whether possessing or using this is legal or not in your country, and I am not taking any responsibility on your behalf.

### NO WARRANTY

BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

2)

The 32-bit CRC compensation attack detector in deattack.c was contributed by CORE SDI S.A. under a BSD-style license.

Cryptographic attack detector for ssh - source code

Copyright © 1998 CORE SDI S.A., Buenos Aires, Argentina.

All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that this copyright notice is retained.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED. IN NO EVENT SHALL CORE SDI S.A. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR MISUSE OF THIS SOFTWARE.

Ariel Futoransky <futo@core-sdi.com>

<<http://www.core-sdi.com>>

3)

One component of the ssh source code is under a 3-clause BSD license, held by the University of California, since we pulled these parts from original Berkeley code.

Copyright © 1983, 1990, 1992, 1993, 1995

The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4)

Remaining components of the software are provided under a standard 2-term BSD licence with the following names as copyright holders:

Markus Friedl

Theo de Raadt

Niels Provos

Dug Song

Kevin Steves

Daniel Kouril

Wesley Griffin

Per Allansson

Jason Downs

Solar Designer

Todd C. Miller

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

5)

Portable OpenSSH contains the following additional licenses:

c) Compatibility code (openbsd-compat)

Apart from the previously mentioned licenses, various pieces of code in the openbsd-compat/ subdirectory are licensed as follows:

Some code is licensed under a 3-term BSD license, to the following copyright holders:

Todd C. Miller

Theo de Raadt

Damien Miller

Eric P. Allman

The Regents of the University of California

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

## Open LDAP

---

The OpenLDAP Public License Version 2.8, 17 August 2003

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions in source form must retain copyright statements and notices,
2. Redistributions in binary form must reproduce applicable copyright statements and notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution, and
3. Redistributions must contain a verbatim copy of this document.

The OpenLDAP Foundation may revise this license from time to time. Each revision is distinguished by a version number. You may use this Software under terms of this license revision or under the terms of any subsequent revision of the license.

THIS SOFTWARE IS PROVIDED BY THE OPENLDAP FOUNDATION AND ITS CONTRIBUTORS ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OPENLDAP FOUNDATION, ITS CONTRIBUTORS, OR THE AUTHOR(S) OR OWNER(S) OF THE SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The names of the authors and copyright holders must not be used in advertising or otherwise to promote the sale, use or other dealing in this Software without specific, written prior permission. Title to copyright in this Software shall at all times remain with copyright holders.

OpenLDAP is a registered trademark of the OpenLDAP Foundation.

Copyright 1999-2003 The OpenLDAP Foundation, Redwood City, California, USA. All Rights Reserved. Permission to copy and distribute verbatim copies of this document is granted.

---

## LibTIFF

---

TIFF emulation software includes freeware TIFF libraries developed by Sam Leffler and Silicon Graphics, Inc.. In accordance with the conditions of distribution, the copyright notice concerning the TIFF library part is shown below.

Copyright © 1988, 1989, 1990, 1991 Sam Leffler

Copyright © 1991 Silicon Graphics, Inc.

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that (i) the above copyright notices and this permission notice appear in all copies of the software and related documentation, and (ii) the names of Sam Leffler and Silicon Graphics may not be used in any advertising or publicity relating to the software without the specific, prior written permission of Stanford and Silicon Graphics.

THE SOFTWARE IS PROVIDED "AS IS" AND WITHOUT WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SAM LEFFLER OR SILICON GRAPHICS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

# INDEX

## A

---

Accessing User Tools, 3  
Address Book: Change Order, 59  
Address Book: Edit Title, 59  
Address Book: Program / Change /  
Delete Group, 59  
Address Book: Program / Change /  
Delete Transfer Request, 59  
Address Book: Select Title, 59  
Address Book: Switch Title, 59  
Address Book Management, 59  
Adjust Position, 81  
Adjust Scan Position, 35  
Administrator Authentication  
Management, 59  
Administrator's E-mail Address, 54  
Administrator Tools / System Settings, 59  
AOF (Always On), 59  
Auto Continue, 101  
Auto Delete File in Document Server, 59  
Auto Delete Stored Print Jobs, 101  
Auto Delete Temporary Print Jobs, 101  
Auto Image Density Priority, 75  
Auto Logout Timer, 46  
Auto Off Timer, 46  
Auto Specify Sender Name, 54  
Auto Tray Switching, 75

## B

---

Background Numbering, 86  
Back Up / Restore Address Book, 59  
Blank Page Print, 101  
Bypass Tray Setting Priority, 101

## C

---

Capture Server IPv4 Address, 54  
Change PDF Password, 106  
Changing the Display Language, 177  
Channel, 51  
Communication Mode, 51  
Compression (Black and White), 110  
Configuration Page, 97  
Copier/Document Server Auto Reset  
Timer, 46  
Copier / Document Server Features /  
Edit, 81  
Copier / Document Server Features /  
General Features, 75

Copier / Document Server Features /  
Input/Output, 92  
Copier / Document Server Features /  
Reproduction Ratio, 78  
Copier / Document Server Features /  
Stamp, 86  
Copies, 101  
Copy Count Display, 35  
Copy Order in Combine, 81  
Copy Quality, 75  
Counter, 180  
Customize Function/  
*Fold Type/Fold Option*, 92

## D

---

Data Format, 105  
Date Stamp, 89  
DDNS Configuration, 48  
Default Printer Language, 101  
Default User Name / Password (Send), 54  
Delete All Files in Document Server, 59  
Delete All Logs, 59  
Delete All Stored Print Jobs, 100  
Delete All Temporary Print Jobs, 100  
Delete Scanner Journal, 107  
Delivery Option, 54  
Density (Background Numbering), 86  
Destination List Display Priority 1, 107  
Destination List Display Priority 2, 107  
Display / Clear / Print Counter per User, 59  
Display Panel, 2  
Display / Print Counter, 59  
Divide and Send E-mail, 110  
DNS Configuration, 48  
Document Server, 96  
Domain Name, 48  
Double Copies Separation Line, 81

## E

---

Edge to Edge Print, 101  
Edit / Copier / Document Server  
Features, 81  
Effective Protocol, 48  
E-mail Communication Port, 54  
E-mail Reception Interval, 54  
E-mail Storage in Server, 54  
Energy Saver Timer, 46  
Enhanced Authentication Management, 59  
Erase Border Width, 81

Erase Original Shadow in Combine, 81  
Error Log, 97  
Ethernet Speed, 48  
Extended Security, 59

## F

---

Feed Start Method, 35  
File Transfer / System Settings, 54  
Fine Ratio Adjustment  
    *Copier*, 35  
    *Printer*, 35  
Firmware Version, 59  
Fixed USB Port, 59  
Fold Width Fine Adjustment, 35  
Font (Date Stamp), 89  
Font (Page Numbering), 90  
Format (Date Stamp), 89  
Function Priority, 35  
Function Reset Timer, 35

## G

---

General Features / Copier / Document  
    Server Features, 75  
General Settings / Scanner Features, 107  
General Settings / System Settings, 35

## H

---

Hex Dump, 97  
Host Interface / Printer Features, 104  
Host Name, 48

## I

---

IEEE 802.11b, 51  
Image Density, 75  
Image Repeat Separation Line, 81  
Initial Print Job List, 101  
Input/Output / Copier / Document  
    Server Features, 92  
Inquiry, 178  
Insert Additional E-mail Info, 110  
Interface Settings / System Settings, 48  
Interleave Print, 35  
I/O Buffer, 104  
I/O Timeout, 104  
IPv4 Gateway Address, 48  
IPv6 Gateway Address, 48  
IPv6 Stateless Address  
    Autoconfiguration, 48

## J

---

Job End Call, 75

## K

---

Key Counter Management, 59  
Key Repeat, 35

## L

---

LAN Type, 48  
LDAP Search, 59  
List / Test Print Lock, 100  
List / Test Print / Printer Features, 97

## M

---

Machine IPv4 Address, 48  
Machine IPv6 Address, 48  
Machine Name, 48  
Magnification Key Display, 78  
Maintenance / Printer Features, 100  
Margin Adjustment Priority, 81  
Margin Fold Margin Adjustment, 35  
Max. Copy Quantity, 75  
Max. E-mail Size, 110  
Max. Reception E-mail Size, 54  
Memory Overflow, 101  
Memory Usage, 101  
Menu List, 97  
Multiple Lists, 97

## N

---

NCP Delivery Protocol, 48  
Network, 48  
Network Security Level, 59  
Next Original Wait Setting, 109  
No. of Digits for Single Page Files, 110  
Number of Scanner Resends, 54  
NW Frame Type, 48

## O

---

Original Feed Delay 1, 35  
Original Feed Delay 2, 35  
Output  
    *Document Server*, 35  
    *Printer*, 35  
Output tray settings, 40

## P

---

- Page Numbering, 90
- Page Numbering in Combine (Page Numbering), 90
- Page Numbering Initial Letter, 90
- Panel Key Sound, 35
- Panel Off Timer, 46
- Paper Thickness
  - Paper Bypass*, 41
  - Paper Tray*, 41
- Paper Tray Priority
  - Copier*, 41
  - Printer*, 41
- Paper Type
  - Paper Bypass*, 41
  - Tray 1–3*, 41
- Paper Volume, 41
- Partial Copy Size, 81
- PDF Configuration / Font Page, 97
- PDF Group Password, 106
- PDF Menu / Printer Features, 106
- Permit SNMPv3 Communication, 48
- Permit SSL/TLS Communication, 48
- Ping Command, 48
- POP3 / IMAP4 Settings, 54
- POP before SMTP, 54
- Preset Stamp, 86
- Print Address Book: Destination List, 59
- Print and Delete Scanner Journal, 107
- Printer Auto Reset Timer, 46
- Printer Bypass Paper Size, 41
- Printer Features / Host Interface, 104
- Printer Features / List / Test Print, 97
- Printer Features / Maintenance, 100
- Printer Features / PDF Menu, 106
- Printer Features / PS Menu, 105
- Printer Features / System, 101
- Printer Language, 101
- Print Error Report, 101
- Print List, 53
- Print Priority, 35
- Print Scanner Journal, 107
- Program / Change Administrator, 59
- Program / Change / Delete E-mail Message, 54
- Program / Change / Delete LDAP Server, 59
- Program / Change / Delete User Text, 35
- Program / Delete Format, 81
- Program / Delete Stamp (User Stamp), 88
- PS Configuration / Font Page, 97
- PS Menu / Printer Features, 105

## R

---

- Reception Protocol, 54
- Reduce / Enlarge Ratio Priority, 78
- Reduce Recovery Time, 59
- Reproduction Ratio, 78
- Reproduction Ratio / Copier / Document Server Features, 78
- Reserved Job Waiting Time, 101
- Resolution, 105, 106
- Restore Factory Defaults, 51
- Rotate by 180 Degrees, 101
- Rotate Sort
  - Auto Paper Continue*, 92

## S

---

- Scanner Auto Reset Timer, 46
- Scanner Features / General Settings, 107
- Scanner Features / Scan Settings, 109
- Scanner Features / Send Settings, 110
- Scanner Resend Interval Time, 54
- Scan Settings / Scanner Features, 109
- Search Destination, 107
- Security Method, 51
- Send Settings / Scanner Features, 110
- Separation Line in Combine, 81
- Set Date, 46
- Set Time, 46
- Setup IEEE 802.11b, 9
- Setup Wireless LAN, 9
- Size (Background Numbering), 86
- Size (Date Stamp), 89
- Size (Page Numbering), 90
- SMB Computer Name, 48
- SMB Work Group, 48
- SMTP Authentication, 54
- SMTP Server, 54
- SSID Setting, 51
- Stamp / Copier / Document Server Features, 86
- Stamp Format 1-4 (User Stamp), 88
- Stamp Format (Page Numbering), 90
- Stamp Format (Preset Stamp), 86
- Stamp Language (Preset Stamp), 86
- Stamp Position (Page Numbering), 90
- Stamp Priority (Preset Stamp), 86
- Stamp Setting (Date Stamp), 89
- Stored File E-mail Method, 110
- Sub Paper Size, 101
- Superimpose (Date Stamp), 89
- Superimpose (Page Numbering), 90
- Switch Title, 107
- System Auto Reset Timer, 46

System / Printer Features, 101  
System Settings / Administrator Tools, 59  
System Settings / File Transfer, 54  
System Settings / General Features, 35  
System Settings / Timer Settings, 46  
System Settings / Tray Paper Settings, 41  
System Status/ Job List Display Time, 35

## T

---

Timer Settings / System Settings, 46  
Transfer Log Setting, 59  
Transmission Speed, 51  
Tray Paper Settings / System Settings, 41  
Tray Paper Size  
    *Tray 1*, 41  
    *Tray 2*, 41  
    *Tray 3*, 41  
Tray Switching, 101  
TWAIN Standby Time, 107

## U

---

Unauthorized Copy Control, 59  
Update Delivery Server Destination List, 107  
Use LDAP Server, 59  
User Authentication Management, 59  
User Auto Reduce / Enlarge, 78  
User Reduce / Enlarge Ratio, 78  
User Stamp, 88

## W

---

Warm-up Beeper, 35  
WINS Configuration, 48  
Wireless LAN Signal, 51



In accordance with IEC 60417, this machine uses the following symbols for the main power switch:

**I means POWER ON.**

**⏻ means STAND BY.**

### **Trademarks**

Microsoft®, Windows® and Windows NT® are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Acrobat® is a registered trademark of Adobe Systems Incorporated.

NetWare is a registered trademark of Novell, Inc.

Other product names used herein are for identification purposes only and might be trademarks of their respective companies. We disclaim any and all rights to those marks.

The proper names of the Windows operating systems are as follows:

The product name of Windows 95 is Microsoft® Windows® 95

The product name of Windows 98 is Microsoft® Windows® 98

The product name of Windows Me is Microsoft® Windows® Millennium Edition (Windows Me)

The product names of Windows 2000 are as follows:

Microsoft® Windows® 2000 Advanced Server

Microsoft® Windows® 2000 Server

Microsoft® Windows® 2000 Professional

The product names of Windows XP are as follows:

Microsoft® Windows® XP Professional

Microsoft® Windows® XP Home Edition

The product names of Windows Server 2003 are as follows:

Microsoft® Windows Server® 2003 Standard Edition

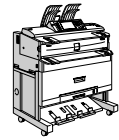
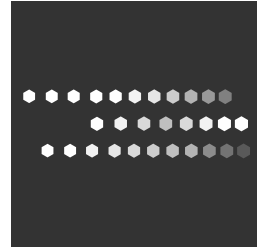
Microsoft® Windows Server® 2003 Enterprise Edition

Microsoft® Windows Server® 2003 Web Edition

The product names of Windows NT are as follows:

Microsoft® Windows NT® Server 4.0

Microsoft® Windows NT® Workstation 4.0



Type for 2404WD/GWD2004/LW324/Aficio MP W2400  
Type for 2406WD/GWD2006/LW326/Aficio MP W3600