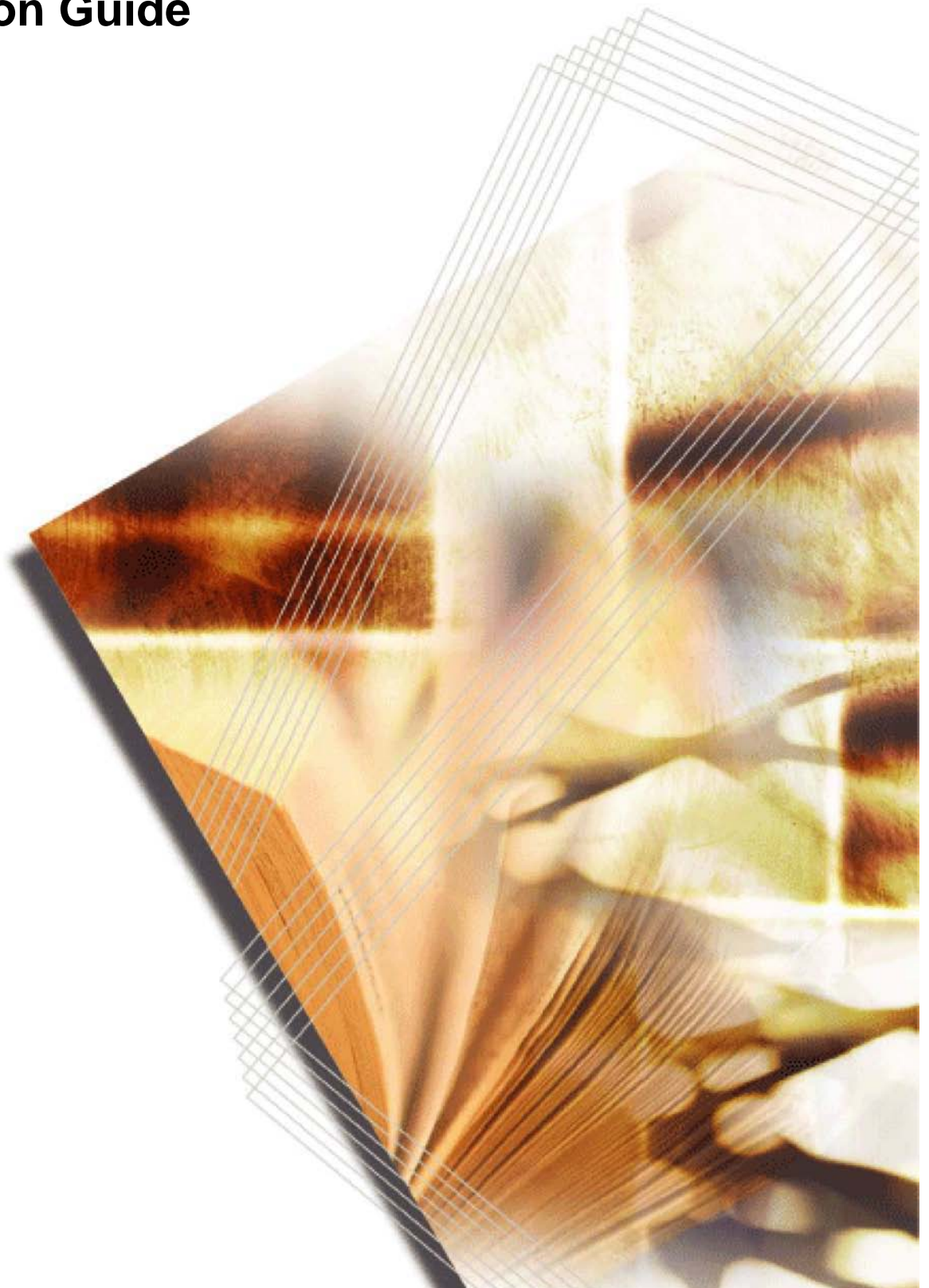# KYOCERA

KM-NET for Direct Printing

Operation Guide

Legal and General Information

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General Information

When using this utility, the items that can be configured will differ depending on the model of your printing system or multifunctional printer (hereinafter referred to as "printing system").

Examples in this document are described in terms of the Internet Explorer 6.0 and Microsoft Windows XP operating system environment.

Table of Contents

1. Features

1.1. What is KM-NET for Direct Printing?

KM-NET for Direct Printing is a utility that allows you to print PDF files downloaded from Internet such as catalog and documents without starting Adobe Acrobat/Reader.

1.2. System Requirements

The KM-NET for Direct Printing operates in the following environment. Verify your environment before installation.

Item	Description
OS	Microsoft Windows 98 SE/Me (Not supported depending on the model) Microsoft Windows NT 4.0 Workstation Service Pack 6 or later[†] (Not supported depending on the model) Microsoft Windows 2000 Professional[†] Microsoft Windows Server 2000/2003[†] Microsoft Windows XP Home Edition/Professional Edition[†] Microsoft Windows Vista[†]
Web Browser	Microsoft Internet Explorer 5.5 or later
Hardware	A processor equivalent to a Pentium 200 MHz or greater At least 32 MB of free memory At least 4 MB of free hard disk space SVGA (800 × 600, 256 color) or greater

† Administrator rights are required for installation.

1.3. Support Language

KM-NET for Direct Printing supports the following languages: Arabic, Brazilian Portuguese, Czech, Danish, Dutch, English, Finnish, Farsi, French, German, Hebrew, Hungarian, Italian, Japanese, Lithuanian, Korean, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese and Turkish.

2. Installation and Startup

2.1. Installation

Install KM-NET for Direct Printing in your computer.

Note
Before installing this utility, make sure that any of the printer drivers are installed. The **Kyocera Extended Driver** is provided on the CD-ROM supplied with the printing system.

Insert the CD-ROM that came with the printing system into the optical drive of the computer.

The installation program starts up automatically. Follow the instructions for installation.
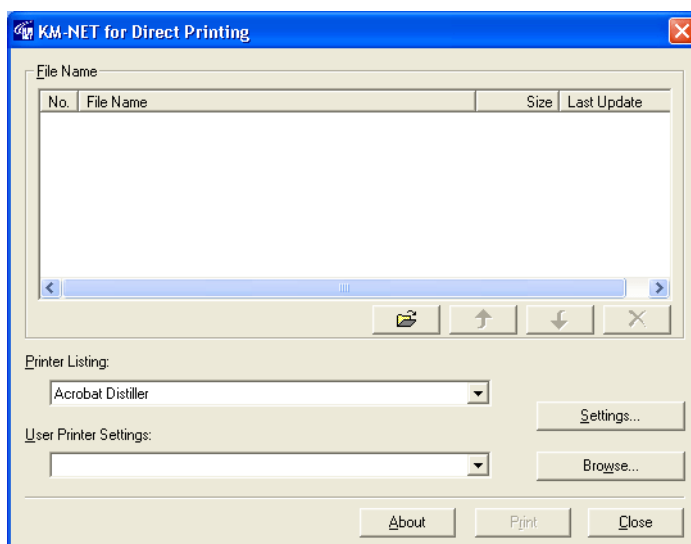
2.2. Startup

When the installation is completed, you can start the **KM-NET for Direct Printing** by proceeding from the start menu > **All Programs** > **Kyocera** > **KM-NET for Direct Printing**.
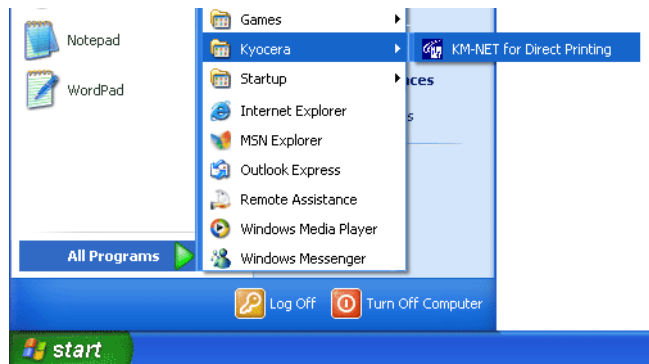
3. Printing PDF

Perform the following procedures below to print PDF file using **KM-NET for Direct Printing**.

1   Start **KM-NET for Direct Printing**.

2   Add the desired PDF files to the **File Name** list by the following methods.

• Click the **Add** button to select files from the **Open File** dialog box.

• Select the file in Windows explorer and then drag and drop it to the icon for this application (including shortcut).

• Select the file in Windows explorer and then select **KM-NET for Direct Printing** in the context menu.

• Select the file and then drag and drop it to this window.

3   Select the printing system to print PDF files from the **Printer Listing** pull-down menu.

4   Click the **Settings** button and make settings for printing. For details, refer to *Printing System Settings* on page 6.

Note
When you want to load the previously saved setting, select the setting file from the **User Printer Settings** pull-down menu or click the **Browse** button.

5   Click the **Detailed Settings** button and make the detailed settings such as page range for printing and media type. For details, refer to *Detailed Settings* on page 10.

**6** Click the **Print** button. The **Confirmation** dialog box appears.
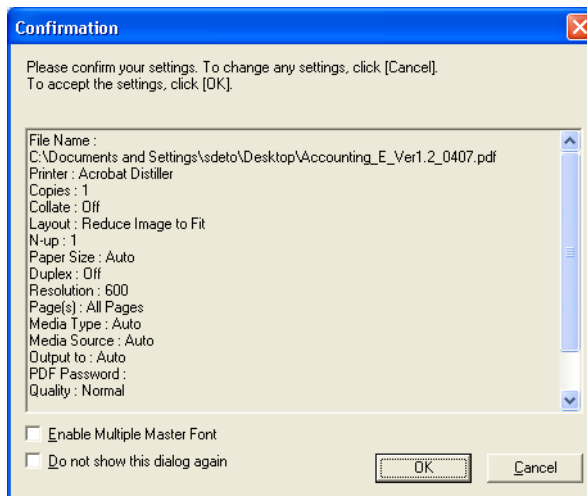
Notes

- Checking **Enable Multiple Master Font** and then clicking **OK** enable to generate a version of a character that is optically correct for the size at which it will be viewed on PDF file.

- Checking **Do not show this dialog again** and then clicking **OK** can not be displayed the **Confirmation** dialog box.

**7** When you want to continue printing, click **OK**.

4. Names and Functions

When you start this utility, the window below appears.
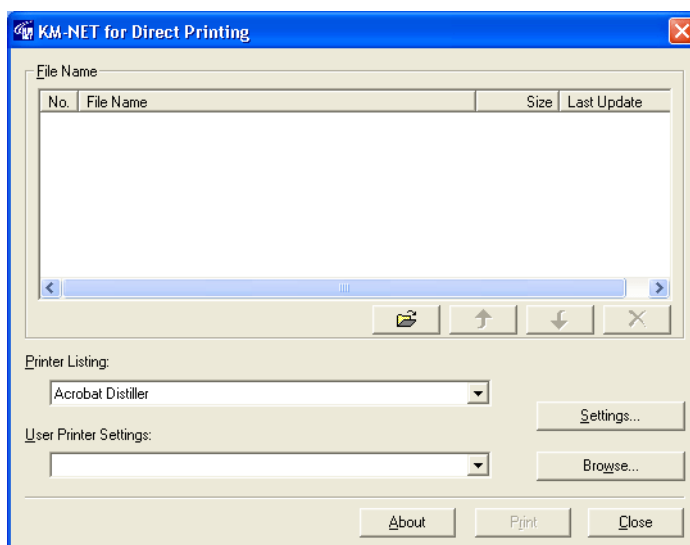
| Name and Icon		Description
Add button		Displays the **Open File** dialog box. When you select a valid file, file name, file size and last update are displayed in the **File Name** list.
Up button **Down button**		Moves order of selected files up one or down one. **Note** You can also change the order by selecting a file and then dragging it to the order you want to change.
Delete button		Deletes the selected file from the list. **Note** You can also delete a file by selecting a file and then pressing the **Del** key on the keyboard.
Printer Listing		Displays the printing systems installed in the system. Select the output target printing system here.
Settings button		Displays the printing system setting dialog box.
User Printer Settings		Displays the names of setting files saved previously.
Browse button		Displays the **Open File** dialog box to load previously saved setting files.
About button		Displays the version and copyright of this utility.
Print button		Starts the printing process of the file displayed in the **File Name** list.
Close button		Exits this utility.

5. Printing System Settings

You can make frequently used settings as default.
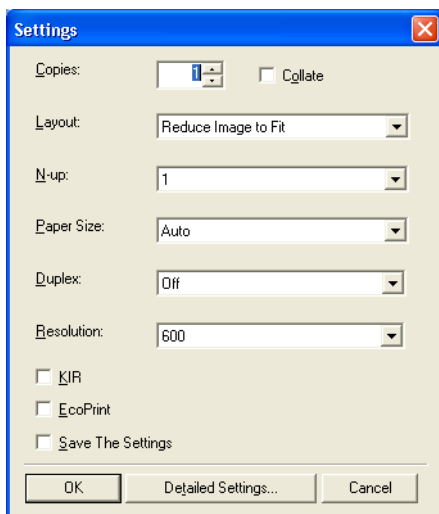
Copies	Specifies the number of copies. The default setting is **1**.
Collate	Produces the specified number of copies as complete sets of documents. The default setting is disabled (not checked).
Layout	Specifies the layout of the output. The following layouts are available: **Reduce Image to Fit**, **Through**, **Catalog (Left to Right)**, **Catalog (Right to Left)**, **Booklet (Left Edge Binding)** and **Booklet (Right Edge Binding)**. The default setting is **Reduce Image to Fit**.

When you select **Reduce Image to Fit**, the image is enlarged or reduced to fit the printing area of the paper specified in **Paper Size**.

When you select **Through**, the image is printed in the same size as the original page regardless of paper size.

When you select **Catalog (Left to Right)**, **Catalog (Right to Left)**, **Booklet (Left Edge Binding)** or **Booklet (Right Edge Binding)**, the printing order is as follows.
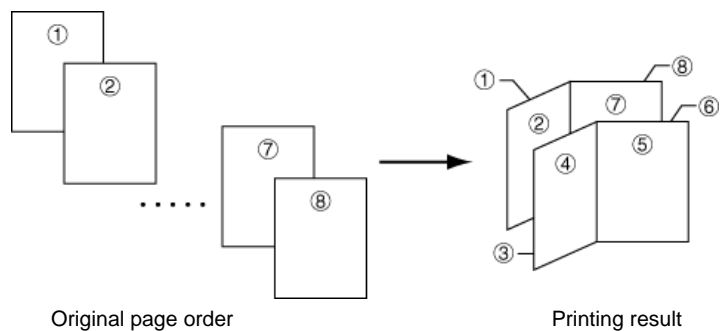
• Catalog (Left to Right)

Original page order   Printing result

• Catalog (Right to Left)
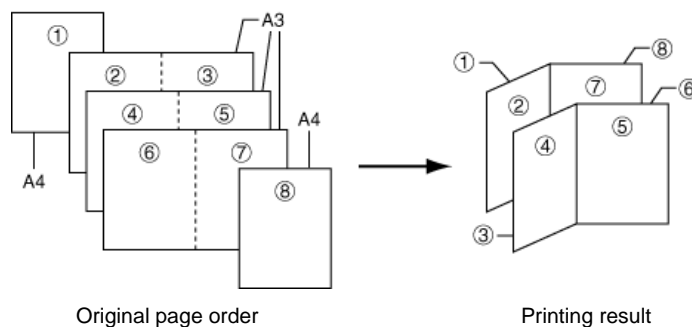
Original page order   Printing result
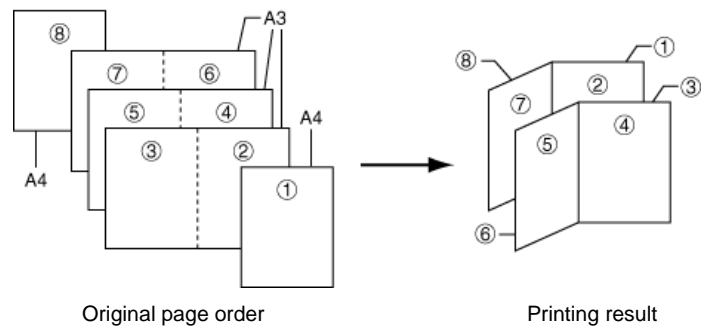
Note
If the page order is not in the same order as shown above, the printing results will vary.

• Booklet (Left Edge Binding)

Original page order   Printing result

• Booklet (Right Edge Binding)

Original page order   Printing result
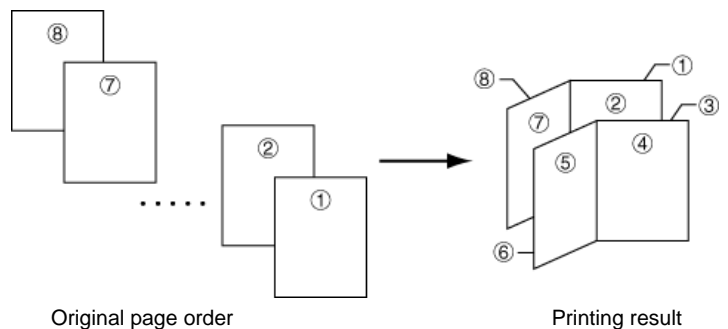
Note
Confirm the paper size and load the paper into the cassette before printing. For example, to change the booklet configured in A4 portrait into the double spread page in A3 size, load the A3 size paper. If you load the A4 paper in landscape, a single side is reduced in A5 size, and the double spread pages in A4 are printed.

N-up   Specifies the number of pages per sheet. The following value is available: **1**, **2** and **4**. The default setting is 1.

When N-up settings 2 or 4 are used, the page layouts are as follows.

2-up
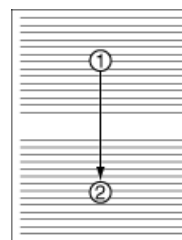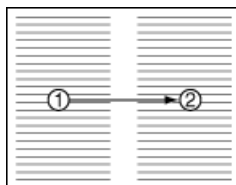
4-up

Note

If you select **Through** in Layout, the value of N-up is fixed at 1 and cannot be changed. Furthermore, if you select Catalog or Booklet, the value is fixed at 2 and cannot be changed.

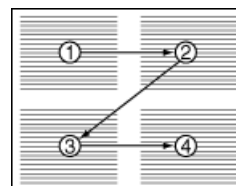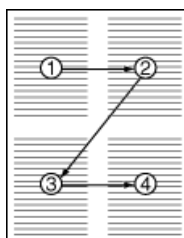|	
Paper Size	Specifies the paper size applied to the output. The following paper sizes are available: **16K**, **8K**, **A3**, **A4**, **A5**, **A6**, **Auto**, **B4**, **B5**, **B6**, **C4**, **Envelope #10**, **Envelope #6**, **Envelope #9**, **Envelope C5**, **Envelope DL**, **Executive**, **Folio**, **Hagaki**, **ISO B5**, **Ledger**, **Legal**, **Letter**, **Monarch**, **Oficio II**, **OufukuHagaki**, **Statement**, **Youkei 2** and **Youkei 4**. The default setting is **Auto**.
Duplex	Sets 2-sided printing. The following modes are available: **Off**, **Flip on Long Edge** and **Flip on Short Edge**. The default setting is **Off**.

Notes

If you select **Catalog** or **Booklet** in **Layout**, the value of **Duplex** is fixed at the **Flip on Short Edge** and cannot be changed.

This utility does not automatically recognize whether or not a duplex printing unit is present in a printing system. Therefore, there is a possibility that the duplex printing settings set here may be invalid.

Resolution	Specifies the printing resolution. The following resolutions are available: **300**, **600**, **Fast 1200** and **Fine 1200**. The default setting is **600**.
KIR	KIR (Kyocera Image Refinement) is a smoothing function that enhances resolution, resulting in high-quality printing. The default setting is disabled (not checked).
EcoPrint	Enables the printing system to reduce the amount of toner consumption to save printing costs. The default setting is disabled (not checked).

Save The Settings   Saves settings in a file.

When checked, click **OK** to save the settings. You can select the saved file by **Load Setting File** in the main window. The default setting is disabled (not checked)

Detailed Settings   Displays another dialog box to perform more detailed settings. Information on using the **Detailed Settings** dialog box can be found on the following page

6. Detailed Settings

You can make select media type, media source and other detailed settings in this dialog box.
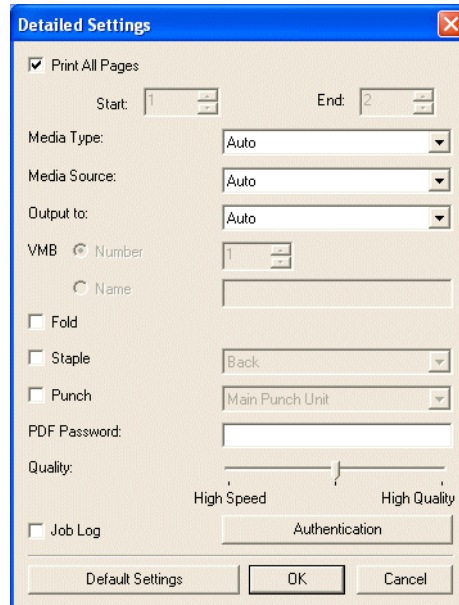
Print All Pages	Check to print all pages.
	If you remove this check, the range entry boxes are active. Specify the page range for printing.
	Note
	If you select **Catalog** in **Layout** of the **Settings** dialog box, **Print All Pages** is automatically checked and cannot be changed.
Media Type	Selects the media type used for printing. The following media types are available: **Auto**, **Plain**, **Transparency**, **Preprinted**, **Labels**, **Bond**, **Recycled**, **Vellum**, **Rough**, **Letterhead**, **Color**, **Prepunched**, **Envelope**, **Cardstock**, **Coated**, **2nd Side**, **Thick**, **High Quality** and **Custom 1** (to 8). The default setting is **Auto**.
Media Source	Specifies the paper supply cassette. The following media sources are available: **Auto**, **Multi Purpose Tray**, **Cassette1**, **Cassette2**, **Cassette3**, **Cassette4**, **Cassette5**, **Cassette6** and **Envelope Feeder**. The default setting is **Auto**.
	Note
	The setting may be ignored depending on the configuration of the printing system.

|		
	Output to	Specifies the paper output destination.The following destinations are available: **Auto**, **Face Up Tray**, **Face Down Tray**, **Finisher Tray (Face Down)** and **VMB**. The default setting is **Auto**. **Note** The setting may be ignored depending on the configuration of the printing system.
	VMB (Virtual MailBox)	This is active when **VMB** is specified as the **Output to** destination above. **Virtual Mailbox** feature, mailboxes created on the hard disk are assigned to multiple users. Jobs posted to a virtual mailbox can be printed later from the operation panel of the printing system. **Number**: specifies the mailbox by the number. the number should be 1 to 255. **Name**: specifies the mailbox by the name. **Note** The setting may be ignored depending on the configuration of the printing system.
	Fold	Folds copies for booklet format. The default setting is disabled (not checked).
	Staple	Staples each copy set. The default setting is disabled (not checked). When this item is enabled, the combo box is active allowing you to select that result. The following staple positions are available: **Back**, **Booklet** and **Front**.
	Punch	Makes copies hole punched. The default setting is disabled (not checked). When this item is enabled, the combo box is active allowing you to select that result. The following value are available: **Main Punch Unit** and **Sub Punch Unit**. **Note** The setting may be ignored depending on the configuration of the printing system.
	PDF Password	Enter the password required to print encrypted PDF files. The password should be 32 characters maximum.
	Quality	You can choose the printing quality, from **High Quality** to **High Speed**. Move the slider to the left to select a **High Speed** or to the right to select a **High Quality**. The default setting is center. **Note** The setting is enabled only when the PDF file to print is PDF version 1.4 or later file and using Transparency Flattenering function. Otherwise the setting is ignored. PDF version can be confirmed on the window displayed by which selecting from File menu > Document Properties > Summary. Transparency Flattenering function can be confimed on the Advanced Print Setup dialog box.

	Job Log	Maintains a log in the system that indicates printed PDF files and the date/time of printing. Entering a check mark for this item enables the Job Log.
		For details on the Job Log, refer to the Operation Guide of the printing system.
	Authentication	Displays **Authentication** dialog box.
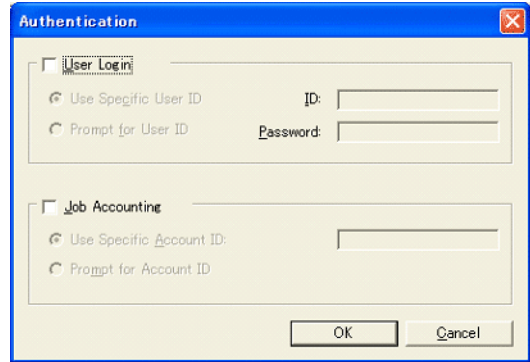
User Login

To use user login function, click **User Login** to check. For details on user login function, refer to *Operation Guide* of the printing system. Select **Use Specific User ID** when always printing with same ID. Select **Prompt for User ID** when printing with several different IDs. This prompt you to enter the **User ID** and **Password** at each time you print on the printing system.

Job Accounting

To use job accounting function, click Job Accounting to check. For details on job accounting, refer to *Operation Guide* of the printing system. Select **Use Specific Account ID** when always printing with same ID. Select **Prompt for Account ID** when printing with several different IDs. This prompt you to enter the **Account ID** at each time you print on the printing system.

	Default Settings	Returns all settings to their initial state.

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