

# QUICK START GUIDE

This *Quick Start Guide* provides system requirements and an overview of how to set up the Printer Controller EB-105EX™ so you can begin printing. The guide describes the initial tasks you must perform and points you to sections in the user documentation where the procedures are described in detail. A full set of user documentation is provided on the User Documentation CD. A brief description of the user manuals and how to print them follows.

**NOTE:** The term “EB-105EX” is used in this document to refer to the Printer Controller EB-105EX. The term “EB-105EX PS 90” is used to refer to the 90ppm engine with the Booklet Finisher option. The term “EB-105EX PS 105” is used to refer to the 105ppm engine. The term “ppm” is used to refer to pages per minute. The term “Windows” is used in this manual to refer to Windows 98, Windows Me, Windows NT 4.0, Windows 2000, and Windows XP, wherever appropriate.

## Media pack

The EB-105EX media pack should contain the following:

- User Software CD
- User Documentation CD
- Printed *Release Notes*
- Printed *Quick Start Guide*
- PCL Driver CD

**NOTE:** For information about the PCL driver, refer to the PCL driver CD included in this media pack.

## About the documentation

Along with the printed *Release Notes* included in the media pack, documentation is provided in electronic form on the User Documentation CD. The documents are provided as Acrobat PDF (Portable Document Format) files, which are linked and cross-referenced. A description of the documentation follows:

- The *Quick Start Guide* summarizes the steps for configuring the EB-105EX and setting up printing. It also describes how to access the online documentation.
- The *User Software Installation Guide* describes how to install software from the User Software CD to enable users to print to the EB-105EX, and also describes setting up printing connections to the EB-105EX.
- The *Configuration Guide* explains basic configuration and administration of the EB-105EX for the supported platforms and network environments. It also includes guidelines for setting up UNIX, Windows NT 4.0/2000, and Novell NetWare servers to provide printing services to users.
- The *Printing Guide* describes the printing features of the EB-105EX for users who send jobs from their computers.
- The *Job Management Guide* explains the functions of job management utilities, including Command WorkStation™ and DocBuilder Pro™, and how you can use them to monitor and control jobs on the EB-105EX. This manual is intended for an operator or administrator, or a user with the necessary access privileges, who monitors and manages job flow, and troubleshoots problems that may arise.
- The *User Addendum* describes advanced PostScript print options in the Windows 98/Me, Windows NT 4.0/2000/XP, and Mac OS printer drivers.
- *Release Notes* provide last-minute product information and workarounds for some of the problems you may encounter.

## Printing the manuals

The PDF files on the User Documentation CD include blank pages to allow for correct pagination with duplex printing. The CD also includes an installer for Adobe Acrobat Reader, an application that allows you to view and print the user documentation from a Microsoft Windows or Apple Mac OS computer. If your system includes Acrobat Reader version 5.1 or later, you can view and print these documents directly from the User Documentation CD. If not, install the version of Acrobat Reader provided on the User Documentation CD.

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### TO INSTALL ADOBE READER ON A WINDOWS OR MAC OS COMPUTER

1. **Insert the User Documentation CD into the CD-ROM drive of your computer.**
2. **Double-click the CD icon to open the Documentation folder.**
3. **For Windows: Open the Acrobat Reader folder, and then open the Windows folder. Double-click AcroReader51\_ENU\_full.exe.**

**For Mac OS: Open the Acrobat Reader folder, and then open the Mac folder. Double-click Reader Installer.**

When installation is complete, you can view, print, and search the following files: *Configuration Guide*, *User Software Installation Guide*, *Printing Guide*, and *Job Management Guide*.

**NOTE:** To view the documentation on your computer, copy the language folder you want to use to your computer. You can change the name of the folder, if necessary, but all the manuals must remain in the same folder.

## System requirements

To install the EB-105EX user software on a Windows or Mac OS computer, the computer must be equipped with a built-in or external CD-ROM drive. The following table lists the minimum system requirements.

Minimum requirements for	Windows 98/Me	Windows NT	Windows 2000/XP	Mac OS
Computer	Windows-based computer with an 80486, AMD, or Pentium processor			Mac OS computer
Operating system	Windows 98/Me	Windows NT with NT Service Pack 6	Windows 2000 with Service Pack 3 Windows XP with Service Pack 1	Mac OS 8.6 to 9.2 and Mac OS X v.10.2.3
Memory for printing and EB-105EX utilities (Fiery Downloader™ and Fiery Spooler [Mac OS only])	8MB of RAM for printing 32MB of RAM for utilities		128MB of RAM for printing and utilities	32MB of RAM for printing 64MB of RAM for utilities
Networking protocol	IPX/SPX or TCP/IP			AppleTalk
Networking protocol for Fiery® utilities	TCP/IP <b>NOTE:</b> AppleTalk can be used for Fiery Downloader.			
PostScript printer driver	Adobe PostScript Printer Driver for Windows (included with user software)	Adobe PostScript Printer Driver for Windows NT (included with user software)	Microsoft PostScript Printer Driver for Windows 2000/XP (included with Windows 2000/XP operating system)	Adobe PostScript Printer Driver (included with user software)
Fiery Remote Scan™	TWAIN-compliant application software			Mac OS 9 to 9.2

Minimum requirements for	Windows 98/Me	Windows NT	Windows 2000/XP	Mac OS
Fiery WebTools™	Java-enabled web browser: <ul style="list-style-type: none"> <li>• Internet Explorer v5.5 with SP2 (Windows 98/Me/NT 4.0/2000)</li> <li>• Internet Explorer v6.0 with SP1 (Windows XP)</li> <li>• Internet Explorer v5.1 for Mac OS</li> </ul> <b>NOTE:</b> Microsoft releases frequent updates to its browser. As support cannot be guaranteed for all versions, use the versions specified for best results.  A monitor and video memory that supports 16-bit color at a minimum resolution of 800x600  A TCP/IP-enabled network and the IP address or DNS name of the EB-105EX  Web Services enabled on the EB-105EX			
Command WorkStation (Windows only) and Command WorkStation LE (Mac OS X only)	Windows-based computer with a 200-MHz or greater Pentium processor 60MB of available hard disk drive for installation At least 2x CD-ROM drive A monitor that supports 16-bit color at a minimum resolution of 1024x768 128MB of RAM Video adapter card with 2MB of video memory TCP/IP networking protocol installed			Mac OS X v.10.2.3 or later, Native Mode
DocBuilder Pro (available as an option) on Command WorkStation (Windows only)	In addition to requirements for Command WorkStation: <ul style="list-style-type: none"> <li>• Windows-based computer with 333-MHz Pentium processor</li> <li>• 90MB of available hard disk space</li> </ul>			—

Other Network Requirements	
UNIX (TCP/IP) workstation	Standard TCP/IP connectivity (for example, or RedHat Linux version 7.2) TCP/IP printing software that conforms to RFC1179 (Berkeley lpd protocol)
IPX (Novell) network	Novell server Novell NetWare software version 6.x NDPS gateway in NetWare 6.x Support for Ethernet SNAP, Ethernet II, Ethernet 802.3, and Ethernet 802.2 frame types

## Preparing to print

To set up the EB-105EX for printing, you must perform the following tasks:

- Connect the EB-105EX physically to a functioning network.
- Configure the network server.
- Set up the EB-105EX from the copier operation panel.
- Prepare client workstations for printing.

A brief explanation of each task follows.

## Connecting the EB-105EX to a functioning network

**NOTE:** When you add the EB-105EX to a network, it is assumed that a network administrator has already installed a network cabling system and has connected workstations and servers. For examples of different networks, see the *Configuration Guide*.

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### TO CONNECT THE EB-105EX TO A NETWORK

1. **Prepare a network node for the EB-105EX.**
2. **Route the cable to a location near the copier where the EB-105EX will be installed, and attach the cable to the network interface of the EB-105EX.**

For more information, see Chapter 1 of the *Configuration Guide*.

3. **Connect the EB-105EX to the copier and print a Test Page.**

For detailed instructions, see the *Configuration Guide*.

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### TO PREPARE FOR EB-105EX CONFIGURATION

1. **Print a copier Test Page to verify the copier is functioning normally.**
2. **Turn off the copier and connect the interface cable from the copier to the EB-105EX.**

3. **To confirm this connection, turn on the copier and the EB-105EX and print a Test Page from the copier operation panel.**

To print a Test Page, press the Menu/Cancel button on the copier operation panel to access the Functions menu. Choose Print Pages, and then choose PS Test Page.

4. **With both the copier and the EB-105EX turned off, connect the network cable to the EB-105EX.**

The network should be installed and operational.

5. **Turn on the copier and the EB-105EX.**

## Configuring the network server

If you require a network server, you must configure that server to provide client access to the EB-105EX as a printer. To configure a network server in a Windows or UNIX network environment, see the [Configuration Guide](#). For Novell and Windows NT/2000 (using TCP/IP) networks, the network servers must be configured for printing to the EB-105EX before you configure the EB-105EX network settings in Setup. For more information, see the [Configuration Guide](#).

## Setting up the EB-105EX from the copier operation panel

Setup configures the EB-105EX to communicate with other devices and manage print jobs. You must perform Setup the first time you turn on the EB-105EX after new system software is loaded, or any time Server software is reinstalled. Initial Setup must be performed from the copier operation panel.

Perform the following Setup options in the order listed:

- **Server Setup**—specifies system options.
- **Network Setup**—specifies all the active network systems that transmit print jobs to the EB-105EX.
- **Printer Setup**—specifies how print jobs and queues are managed.

**NOTE:** This is the minimum setup required to enable the EB-105EX to begin printing. To configure network settings in Setup, you must have a live network connection so the EB-105EX can query the network for zones, servers, and server-based queues.

To perform Setup from the copier operation panel, select one menu after another and enter information about the EB-105EX and your network and printing environment. In each Setup screen, the last line of the display shows the name of the current Setup menu.

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**TO PRINT THE CONFIGURATION PAGE**

1. **At the copier operation panel, press the Menu/Cancel button to access the Functions menu.**
2. **Select Print Pages.**

The copier operation panel displays the first four types of pages you can print. To see the remaining types of pages, press the down arrow button.

3. **Choose Configuration.**

Print the Configuration page after you have finished running Setup to confirm your settings.

For an introduction to EB-105EX Setup and detailed instructions on setting up the EB-105EX from the copier operation panel or a Windows computer, see the *Configuration Guide*.

## **Preparing client workstations for printing**

Before you can print to the EB-105EX, you must install the appropriate EB-105EX software from the User Software CD and connect the client to the EB-105EX over the network. The software provided on the User Software CD is described in the *User Software Installation Guide*.

**NOTE:** The steps to set up printing vary slightly for Windows and Mac OS computers.



### Windows computers

For all Windows operating systems supported, the minimum steps for setting up printing are as follows:

- Install the printer drivers and corresponding printer driver files.
- Configure installable print options.
- Configure the print connection between the client and the EB-105EX.

For details, see the *User Software Installation Guide*. This manual also contains instructions for the following:

- Installing Fiery utilities
- Configuring the connection for Fiery utilities
- Copying additional files from the User Software CD as required

### Mac OS computers

To set up printing on a Mac OS computer, perform the following steps:

- Install the printer driver and PPD files.
- Set up the EB-105EX in the Chooser (Mac OS 9 and Mac OS X Classic Mode) or the Print Center (Mac OS X v. 10.2.3 or later Native Mode).
- Configure installable print options.

For details, see the *User Software Installation Guide*. This manual also contains instructions for the following:

- Installing Fiery utilities
- Installing printer and screen fonts
- Configuring the connection for Fiery utilities
- Copying additional files from the User Software CD as required

## Shutting down the EB-105EX

You may have to shut down the EB-105EX for service. When you do so, fonts downloaded to the hard disk are not deleted. Print jobs in the Hold and Printed queues and jobs that have been processed but not printed are not deleted and are available for printing when you restart the EB-105EX.

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### TO SHUT DOWN THE EB-105EX

1. **Make sure the EB-105EX is not receiving, processing, or printing a job.**

Make sure the information screen on the copier operation panel reads Idle. If a job has just finished processing or printing, wait at least five seconds after the copier operation panel information screen changes to Idle before proceeding.

**NOTE:** If a job from the Print queue is processing, it will continue processing and print after the EB-105EX is restarted. If a job to the Direct connection is processing, it will not finish processing or printing.

2. **At the copier operation panel, Press the Menu/Cancel button to access the Functions menu.**
3. **Use the down arrow button to scroll to the last screen, and choose Shut Down.**
4. **Choose Shut Down System. Proceed to the next step when the EB-105EX LCD message indicates "it is now safe to power off."**
5. **Make sure that the HDD access indicator is not lit. Then turn off the EB-105EX by pressing the power switch on the front panel.**



To turn the EB-105EX back on after you turned it off, wait at least 10 seconds.

## Safety warnings

The EB-105EX display window is a liquid crystal display (LCD) that is made of glass and can break. Do not subject it to strong shocks.

If the display window breaks and the liquid crystal material leaks out, do not inhale, ingest, or touch it. If the material gets on your skin or clothing, wash it off with soap and water immediately.

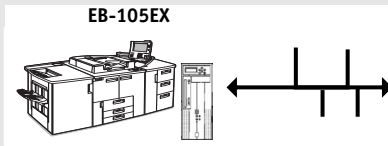
Do not touch or put pressure on the panel. This will change the color of the panel.

## Cleaning the EB-105EX display window

Clean the EB-105EX with a soft cloth moistened with isopropyl alcohol or ethyl alcohol. *Never* use water or ketone, as these may permanently alter the display.

## Summary of EB-105EX network installation

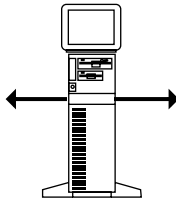
### Connection



Prepare a network node. Connect the EB-105EX to the network.

### Server configuration

#### Network server



Configure UNIX, Windows NT 4.0/2000, and IPX (Novell) servers to specify EB-105EX print queues and EB-105EX users.

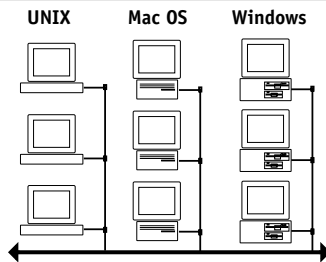
### EB-105EX setup

#### EB-105EX



On the copier operation panel, configure at least the Server Setup, Network Setup, and Printer Setup.

### Client setup



At each workstation that will print to the EB-105EX:

- Install the appropriate printer files and connect to one or more queues.
- For computers that will use them, install Fiery utilities and an Internet browser.
- Verify the EB-105EX in the list of printers and run a test print.

**EB-105EX available on the network**



