This manual explains the settings on the operation panel of the machine that are affected when the Fiery Print Controller is installed. For the procedures for using the Fiery Print Controller, such as using the printer driver and configuring color settings, see the manual on the CD-ROM that accompanies the Fiery Print Controller.
Warranty
While every effort has been made to make this document as accurate and helpful as possible, SHARP Corporation makes no warranty of any kind with regard to its content. All information included herein is subject to change without notice. SHARP is not responsible for any loss or damages, direct or indirect, arising from or related to the use of this operation manual.

© Copyright SHARP Corporation 2006. All rights reserved. Reproduction, adaptation or translation without prior written permission is prohibited, except as allowed under copyright laws.

Trademark Acknowledgments
Microsoft Windows operating system is a registered trademark or trademark of the Microsoft Corporation in the U.S.A. and other countries.
All other trademarks and copyrights are the property of their respective owners.

About this manual
• The MX-PEX1 is for use with the MX-3500/4500 series. The MX-PEX2 is for use with the MX-3500/4500 series and the MX-5500N/6200N/7000N.
• Where this manual shows the "MX-3500/4500 series", the following models are indicated: MX-3500/4500 series: MX-3500N, MX-3501N, MX-4500N, MX-4501N
• This operation manual mainly uses illustrations of MX-5500N/6200N/7000N. The operation panel on your model may differ slightly from the images shown in this manual.

The display screens, messages, and key names shown in the manual may differ from those on the actual machine due to product improvements and modifications.
FIERY PRINT CONTROLLER

By installing the Fiery Print Controller, higher quality printing becomes possible. When this is done, the regular printer driver cannot be used and other restrictions apply to the functions of the machine.

To ensure that the machine functions correctly, keep the Fiery Print Controller powered on even when you are not using the Fiery print function.

Print functions

When the Fiery Print Controller is installed, regular print functions and Fiery Print Controller print functions are as follows:

<table>
<thead>
<tr>
<th>Print functions</th>
<th>Regular print functions</th>
<th>Fiery Print Controller print functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCL</td>
<td>Disabled</td>
<td>Enabled</td>
</tr>
<tr>
<td>PS</td>
<td>Disabled</td>
<td>Enabled</td>
</tr>
</tbody>
</table>

NOTE

- For the Fiery Print Controller to operate correctly, the port number of each protocol in the network settings must be set to the initial value.
- The Fiery Print Controller is not equipped with a scanner function. To scan, use the regular scanner function of the machine.
- When the Fiery Print Controller is installed, the tandem print function (using two machines, one as a master machine and one as a slave machine, to print a very large print job) cannot be used.

Document filing

When the Fiery Print Controller is installed, print jobs cannot be stored using the document filing function. For this reason, the [Printer] key below will not appear in the screen that opens when the [Filter by Job] key is touched on the operation panel. (In the Web pages of the machine, "Print" will not appear in the [Job Classification] menu in the document filing settings ([Document Operations] - [Document Filing]).)

NOTE

Print jobs that were stored using the document filing function before the Fiery Print Controller was installed can be printed by touching the [All Files] tab. (When using the Web pages of the machine, select "All Jobs" in the [Job Classification] menu.)
■ Operation on a machine

When the Fiery Print Controller is installed, operation using the operation panel changes as described below.

System Settings
A key for Fiery Print Controller settings is added to the system settings (administrator). In addition, certain restrictions apply to the regular system setting items. (☞ "SYSTEM SETTINGS" (page 3 of this manual))

Secure Print
The user information in the Fiery Print Controller can be used for secure printing. (☞ "USING SECURE PRINT" (page 6 of this manual))

Display of print jobs
A screen is added to display Fiery print jobs that are waiting to be printed. (☞ "DISPLAY OF FIERY PRINT JOBS" (page 8 of this manual))

Security Settings
When the Fiery Print Controller is installed on a machine with the Data Security Kit installed, certain restrictions apply to the security settings in the system settings (administrator). (☞ "SECURITY SETTINGS" (page 9 of this manual))

■ Fiery Web Tools

When the Fiery Print Controller is installed, the Fiery button is added to the menu list in the Web pages of the machine. When this key is clicked, "Fiery Web Tools" appears. This is used to configure settings for the Fiery Print Controller.

For the information on Fiery Web Tools, see the manual on the CD-ROM that accompanies the Fiery Printer Controller.
SYSTEM SETTINGS

When the Fiery Print Controller is installed, the "Printer Condition Settings" do not appear in the system settings. The [Fiery Settings] key and [Remote Auto Color Calibration Mode] key are added to the "Printer Settings", and restrictions apply to the previous settings.

[MX-5500N/6200N/7000N]
Touch the [Fiery] icon in the system bar and enter the administrator password, then touch the [OK] key. (The display method differs from the previous "Printer Settings").

[MX-3500/4500 series]

NOTE
The additions and changes to the system settings explained in this manual also apply to the Web pages of the machine.
Fiery Settings

When the [Fiery Settings] key is touched, the following screen will appear. This screen allows various settings to be selected when printing using the Fiery Print Controller.

After selecting or changing Fiery settings, touch the [Back] key (MX-3500/4500 series: ) to return to the printer settings screen.

For detailed information on the settings, see the manual on the CD-ROM that accompanies the Fiery Print Controller.

NOTE

● When the Fiery Print Controller* is installed, configure the IP address and other network settings in the "Fiery Settings".
  * After changing the IP address in the "Fiery Settings", restart the machine. The IP address in the machine will be automatically updated.
● When the Fiery settings screen is displayed in the operation panel, the mode select keys, Start keys ([COLOR START] key ( ) / [BLACK & WHITE START] key ( ), [LOGOUT] key ( ), [PROGRAM] key ( ), and [HOME] key (MX-5500N/6200N/7000N) are disabled.
● To return to the screen that appeared before the system settings were accessed, press the [CLEAR ALL] key ( ).

Remote Auto Color Calibration Mode

To use remote auto color calibration, place the color calibration pattern that was printed using EFI's Color Wise Pro on the document glass, touch the [Remote Auto Color Calibration Mode] key to ready the machine for scanning, and then execute scanning from your computer.

During scanning of the pattern, the message "This machine is in the remote auto color calibration mode. Do not remove the original." will appear.

When scanning is finished, touch the [Exit] key to quit remote auto color calibration mode.

For information on the advanced settings for remote auto color calibration, see the manual on the CD-ROM that accompanies the Fiery Print Controller.

Regular Printer Color Calibration Function

When the Fiery Print Controller is installed, the [Auto Color Calibration] ([Color Adjustments]) key does not appear and the printer color calibration function cannot be used. Instead, the above printer color calibration function of the Fiery Printer Controller can be used.
### Default Settings

When the Fiery Print Controller is installed, certain restrictions apply to the "Default Settings" and the screen is as indicated below.

<table>
<thead>
<tr>
<th>Previously displayed settings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prohibit Notice Page Printing</td>
<td>Can be configured as usual</td>
</tr>
<tr>
<td>Prohibit Test Page Printing</td>
<td>Not displayed</td>
</tr>
<tr>
<td>A4/Letter Size Auto Change</td>
<td>Not displayed</td>
</tr>
<tr>
<td>Print Density Level</td>
<td>Not displayed</td>
</tr>
<tr>
<td>Bypass Tray Settings</td>
<td>Only &quot;Exclude Bypass-Tray from Auto Paper Select&quot; can be configured.</td>
</tr>
<tr>
<td>Job Spool Queuing</td>
<td>Not displayed</td>
</tr>
</tbody>
</table>

### Interface Settings

When the Fiery Print Controller is installed, certain restrictions apply to the "Interface Settings" and the screen changes as described below.

<table>
<thead>
<tr>
<th>Previously displayed settings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexadecimal Dump Mode</td>
<td>Not displayed</td>
</tr>
<tr>
<td>I/O Timeout</td>
<td>Can be configured as usual</td>
</tr>
<tr>
<td>Enable USB Port</td>
<td>Not displayed</td>
</tr>
<tr>
<td>USB Port Emulation Switching</td>
<td>Not displayed</td>
</tr>
<tr>
<td>Enable Network Port</td>
<td>Can be configured as usual</td>
</tr>
<tr>
<td>Network Port Emulation Switching</td>
<td>Not displayed</td>
</tr>
<tr>
<td>Port Switching Method</td>
<td>Not displayed</td>
</tr>
</tbody>
</table>
USING SECURE PRINT

A print job specified in the Fiery printer driver as a secure print job can be printed by entering the pass code at the operation panel. (Secure Print)

Follow the steps below to perform secure printing when the Fiery Print Controller is installed.

1. Touch the [Secure Prn] key.
A list of the user names stored on the hard disk of the Fiery Print Controller for secure print will appear.

2. Touch the appropriate user name and enter the pass code with the numeric keys.
16 digits or less numbers are entered for the pass code configured in the Fiery printer driver.

3. When you have finished entering the pass code, touch the [OK] key.
When the [OK] key is touched, the pass code is sent to the Fiery Print Controller.
If the entered pass code does not exist, the message "PIN is not verified." will appear. Re-enter the correct pass code.

4. Touch the [Change PRT.No.] key and set the number of copies to be printed.

When the [Change PRT.No.] key is touched, a screen for setting the number of prints appears.
Touch the ▼ [▲] key and set the number of prints.
To apply the number of prints stored with the print job when each print job has a different number of prints set, select the "Apply the Number from Stored Setting of Each Job." checkbox.
When you have completed the settings, touch the [OK] key.
5 Touch the [Detail] key and configure detailed settings.

[MX-3500/4500 series]
Select the checkboxes of the files that you wish to print from the list of displayed file names, and then touch the [OK] key.

[MX-5500N/6200N/7000N]
In the list of displayed file names, touch the selection keys of the files that you wish to print and then touch the [Back] key.

NOTE
● The [File Name] key can be touched to switch the order of the list between ascending and descending by file name. The [Date] key can be touched to switch the order of the list between ascending and descending by date.
● If there are more items in the list than can be displayed on the screen, use the [← →] keys to scroll the screen.

6 Touch the [Print and Delete the Data] key or the [Print and Save the Data] key to print the selected files.
If you wish to have the files deleted from the hard disk of the Fiery Print Controller after printing, touch the [Print and Delete the Data] key. If wish to store the files on the hard disk of the Fiery Print Controller after printing, touch the [Print and Save the Data] key.

NOTE
● To delete a file, touch the [Delete the Data] key.
● To return to the user name selection screen, touch the [Back] key.
DISPLAY OF FIERY PRINT JOBS

When the Fiery Print Controller is installed, print jobs are spooled to the hard drive of the Fiery Print Controller rather than to the machine. Because the print data takes a different path, the method of displaying print jobs in the job status screen also changes.

Fiery screen

When the Fiery Print Controller is installed, the [Spool] key above the job status screen selector key changes to the [Fiery] key. When this key is touched, the following Fiery screen will appear.

The Fiery screen shows a list of the jobs waiting to be printed in the Fiery Print Controller. You can check the user name and file name of each job in the list. The print job at the top of the Fiery screen list appears in the job queue and waits in the machine to be printed. The job queue always shows only the one job that is at the top of the list in the Fiery screen.

NOTE

● The Fiery screen can only be used to view the list; it cannot be used to delete a print job. To delete a print job, see the manual (Utilities.pdf) for CommandWorkstation. Jobs that have already been printed are not displayed.
● Operation in the job status screen that appears when the [Job Queue] key is touched is the same as when the Fiery Print Controller is not installed.

Job status complete screen

To display the job status complete screen, touch [Complete] in the job status screen selector key. This screen is used to check completed jobs and reprint completed jobs. However, note that unlike regular print jobs, Fiery print jobs cannot be reprinted from the job status complete screen. To reprint a print job, see the manual (Utilities.pdf) for CommandWorkstation.
SECURITY SETTINGS

When the Fiery Print Controller is installed on a machine that has the Data Security Kit installed, several of the security functions related to printing change. For detailed information on the security settings, see the manual that accompanies the Data Security Kit.

The security settings menu appears when the [Security Settings] key is touched in the system settings (administrator).

■ Disabling of Print Jobs Other than Print Hold Job

When the Fiery Print Controller is installed, the "Disabling of Print Jobs Other than Print Hold Job" checkbox does not appear in the security settings menu.

■ Disabling of Document Filing

Because the regular document filing function cannot be used when a printer driver for the Fiery Print Controller is used, settings related to printing in the "Disabling of Document Filing" do not appear.

■ Document Control Setting

Because the document control function cannot be used when a printer driver for the Fiery Print Controller is used, the two items below of "Document Control Setting" will not appear.

- "Document Control Print Select" > "Allow User to Select"
• "Print Color Setting" > "Allow User to Select the Print Color"

Printing a document control pattern
The "Document Control Print Select" (Printer) screen is used to select whether or not a document control pattern is printed on Fiery print jobs. To always print a pattern, select the [Always Print]. To never print a pattern, select the [Not Printing].

Authority Group Registration screen
When the Data Security Kit is installed on a machine, the [Security] key is added to the "Authority Group Registration" menu screen in the system settings (administrator).

When the Fiery Print Controller is installed, the "Print Jobs Other than Print Hold Job" or the "Approve Print Jobs other than Print Hold Job" setting does not appear when the [Security] key is touched.

In addition, settings related to print mode do not appear in the document filing approval setting screen.