



X850e, X852e, and X854e

Menus and Messages Guide



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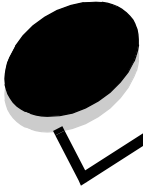
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Using MFP menus

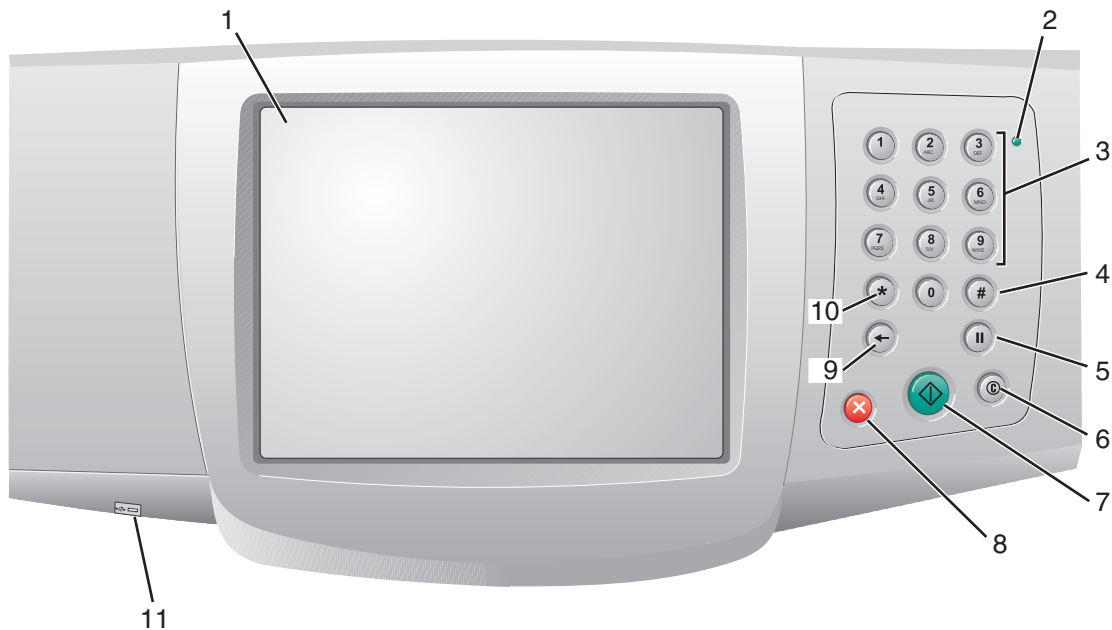
Understanding the multifunction printer (MFP) control panel

Most print settings can be changed from the application in use or the print driver. Settings changed from the application or print driver apply only to the job being sent to the MFP.

Changes made to print settings from an application override changes made from the control panel.

If a setting cannot be changed from the application, use the MFP control panel, MarkVision™ Professional, or the Embedded Web Server (EWS) pages. Changing a setting from any of these makes that setting the user default.

The MFP control panel consists of:



Understanding the multifunction printer (MFP) control panel

Callout	Control panel item	Function										
1	LCD	A liquid crystal display (LCD) which shows home screen buttons, menus, menu items, and values. Allows for making selections within Copy, Fax, and so on.										
2	Indicator light	<p>Gives information about the status of the MFP using the colors red and green.</p> <table border="0"> <thead> <tr> <th style="text-align: left;">Status</th> <th style="text-align: left;">Indicates</th> </tr> </thead> <tbody> <tr> <td>Off</td> <td>MFP power is off.</td> </tr> <tr> <td>Blinking green</td> <td>MFP is warming up, processing data, or printing a job.</td> </tr> <tr> <td>Solid green</td> <td>MFP is on, but idle.</td> </tr> <tr> <td>Solid red</td> <td>Operator intervention is required.</td> </tr> </tbody> </table>	Status	Indicates	Off	MFP power is off.	Blinking green	MFP is warming up, processing data, or printing a job.	Solid green	MFP is on, but idle.	Solid red	Operator intervention is required.
Status	Indicates											
Off	MFP power is off.											
Blinking green	MFP is warming up, processing data, or printing a job.											
Solid green	MFP is on, but idle.											
Solid red	Operator intervention is required.											
3	0–9 Note: Referred to as the numeric keypad.	<p>Press these buttons to enter numbers when the LCD screen has a field that accepts the entry of numbers. Also, use these buttons to dial phone numbers for faxes.</p> <p>Note: If a number is pressed while on the home screen without pressing the # button first, the Copy menu opens and changes the Copy Quantity.</p>										
4	# (Pound or number character)	<p>Press this button:</p> <ul style="list-style-type: none"> • For a shortcut identifier. • Within phone numbers. For a Fax number with a #, enter it twice — ##. • From the home screen, the Fax Destination List menu item, E-mail Destination List menu item, or Profile List menu item to access shortcuts. 										
5	Dial Pause	<p>Press to cause a two- or three-second dial pause in a fax number. The button only functions within the Fax menu or with fax functions.</p> <p>Press from the home screen to redial a fax number.</p> <p>When outside of the Fax menu, fax function, or home screen, pressing Dial Pause causes an error beep.</p> <p>When sending a fax, in the Fax To: field, a Dial Pause press is represented by a comma (,).</p>										
6	Clear All	<p>When in the function menus, such as Copy, Fax, E-mail, and FTP, it returns all settings to their default values, and then returns the MFP to the home screen.</p> <p>When in any other menu while the MFP is Ready, it cancels all changes that have not been submitted and returns the MFP to the home screen.</p>										
7	Start	<p>Press to initiate the current job indicated on the control panel.</p> <p>From the home screen, press it to start a copy job with the default settings.</p> <p>If pressed while a job runs through the scanner, the button has no effect.</p>										

Understanding the multifunction printer (MFP) control panel

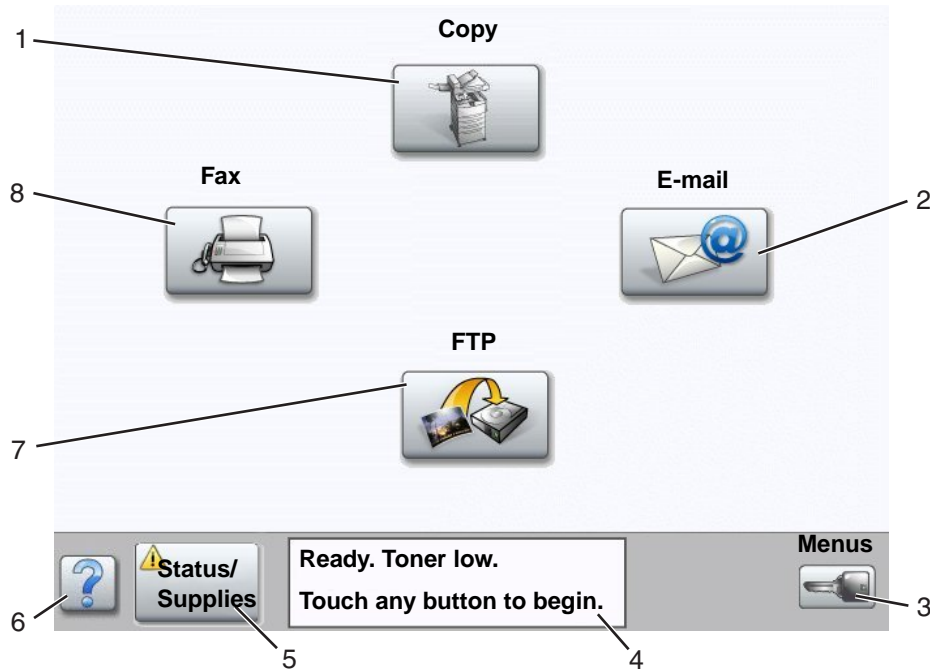
Callout	Control panel item	Function
8	Stop	<p>Press to cause the printing or scanning to stop.</p> <p>During a scan job, the scanner finishes scanning the current page and then stops, which means paper may remain in the automatic document feeder (ADF).</p> <p>During a print job, the print media path is cleared before the printing stops.</p> <p>stopping appears on the control panel during this process.</p>
9	Backspace	<p>Within the Copy menu, which is accessed by touching the Copy button, press Backspace to delete the right-most digit of the value in the Copy Count. The default value of 1 appears if the entire number is deleted by pressing Backspace numerous times.</p> <p>Within the Fax Destination List, press Backspace to delete the right-most digit of a number entered manually. It also deletes an entire shortcut entry. Once an entire line is deleted, another press of Backspace causes the cursor to move up one line.</p> <p>Within the E-mail Destination List, press Backspace to delete the character to the left of the cursor. If the entry is in a shortcut, the entire entry is deleted.</p>
10	Asterisk (*)	* is used as part of a fax number or as an alphanumeric character.
11	USB direct interface device	<p>The host Universal Serial Bus (USB) direct interface device on the control panel is used to plug in a USB flash memory device and print any Portable Document Format (PDF) [.pdf file], Joint Photographic Experts Group (JPEG) [.jpeg or .jpg file], Tagged Image File Format (TIFF) [.tiff or .tif file], Graphics Interchange Format (GIF) [.gif file], Basic Multilingual Plane (BMP) [.bmp file], Portable Network Graphics (PNG) [.png file], PiCture eXchange (PCX) [.pcx file], and PC Paintbrush File Format [.dcm file] files.</p> <p>The USB direct interface can also be used to scan a document to a USB flash memory device using the PDF, TIFF, or JPEG formats.</p>

Home screen

After the MFP is turned on and a short warm-up period occurs, the LCD shows the following basic screen which is referred to as the home screen. Use the LCD touch-screen home screen buttons to open a menu. Once in a menu, use other

Understanding the multifunction printer (MFP) control panel

buttons to scroll through a list of menu items or values, select a value to change the user default setting, and respond to messages.







Callout number	Button or screen item	Function
1	Copy	Touch to access the Copy menus. If the home screen is shown, press a number to access the Copy menus, too.
2	E-mail	Touch to access the E-mail menus. It is possible to scan a document directly to an e-mail address.
3	Menus (A key is shown on the button.)	Touch to access the menus. These menus are only available when the MFP is in the Ready state. The Menus button is on a gray bar called the navigation bar. The bar contains other buttons described as follows.
4	Status message bar	Shows the current MFP status such as Ready or Busy . Shows MFP conditions such as Toner Low . Shows intervention messages to give instructions on what the user should do so the MFP can continue processing, such as Close door or insert print cartridge .
5	Status/Supplies	Appears on the LCD whenever the MFP status includes a message requiring intervention. Touch it to access the messages screen for more information on the message including how to clear it.
6	? (Tips)	All menus have a Tips button. Tips is the context-sensitive Help feature within the LCD touch screens.



Understanding the multifunction printer (MFP) control panel

Callout number	Button or screen item	Function
7	FTP	Touch to access the File Transfer Protocol (FTP) menus. A document can be scanned directly to an FTP site.
8	Fax	Touch to access the Fax menus.

Other LCD touch-screen buttons may appear on the home screen. They are:

Button	Button name	Function
	Release Held Faxes (or Held Faxes if in Manual Mode)	There are held faxes with a scheduled hold time previously set. To access the list of held faxes, touch this button.
	Search Held Jobs	To search on any of the following items and return any matches: <ul style="list-style-type: none"> • User names for held or confidential print jobs • Job names for held jobs, excluding confidential print jobs • Profile names • Bookmark container or job names • USB container or job names for supported extensions only
	Held Jobs	To open a screen containing all the held jobs containers.
	Lock Device	<p>This button appears on the screen when the MFP is unlocked and Device Lockout Personal Identification Number (PIN) is not null or empty.</p> <p>To lock the MFP:</p> <ol style="list-style-type: none"> 1 Touch Lock Device to open a PIN entry screen. 2 Enter the correct PIN to lock the control panel which locks both the control panel buttons and the touch-screen buttons. <p>Once the control panel is locked, the PIN entry screen clears, and the Lock Device button is replaced with the Unlock Device button.</p> <p>Note: If an invalid PIN is entered, Invalid PIN. appears. A pop-up screen appears with the Continue button. Touch Continue. The home screen returns with the Lock Device button.</p>

Using the LCD touch-screen buttons

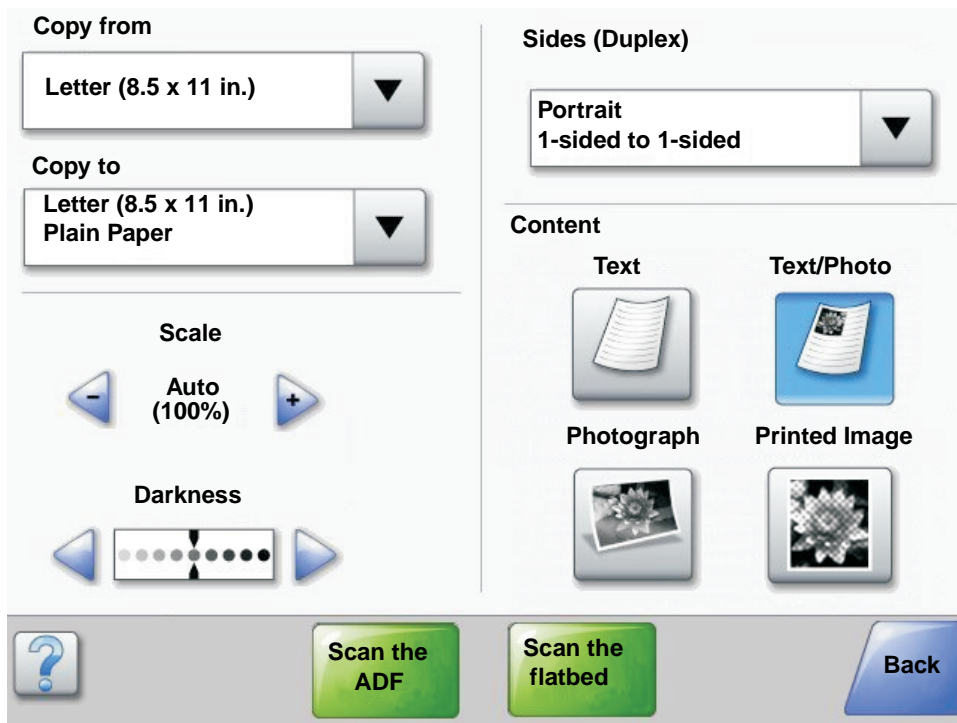
Button	Button name	Function
	Unlock Device	<p>This button appears on the screen when the MFP is locked. The control panel buttons and shortcuts cannot be used while it appears and no default copy starts may occur.</p> <p>To unlock the MFP:</p> <ol style="list-style-type: none"> 1 Touch Unlock Device to open a PIN entry screen. 2 Enter the correct PIN to unlock the numeric keypad (0–9) and the Backspace button on the control panel. <p>Note: If an invalid PIN is entered, Invalid PIN. appears. A pop-up screen appears with the Continue button. Touch Continue. The home screen returns with the Unlock Device button.</p>
	Cancel Jobs	<p>To open the Cancel Jobs screen. The Cancel Jobs screen shows any of the following items under three headings on the screen which are Print, Fax, and Network:</p> <ul style="list-style-type: none"> • print job • copy job • fax • profile • FTP • e-mail send <p>Each heading has its own list of jobs shown in a column under the heading. Each column can only show three jobs per screen. The job appears as a button. If more than three jobs exist in a column, then the down arrow appears at the bottom of the column. Each touch of the down arrow accesses one job in the list. When more than three jobs exist, once the fourth job in the list is reached, then an up arrow appears at the top of the column. For illustrations of the up and down arrow buttons, see Information on LCD touch-screen buttons on page 13.</p> <p>To cancel a job, see the <i>User's Guide</i> for instructions.</p>

Using the LCD touch-screen buttons





The following section provides information on navigating through several screens. Only a few are chosen to demonstrate the use of the touch-screen buttons.

Using the LCD touch-screen buttons



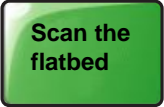



Sample screen one



Information on LCD touch-screen buttons

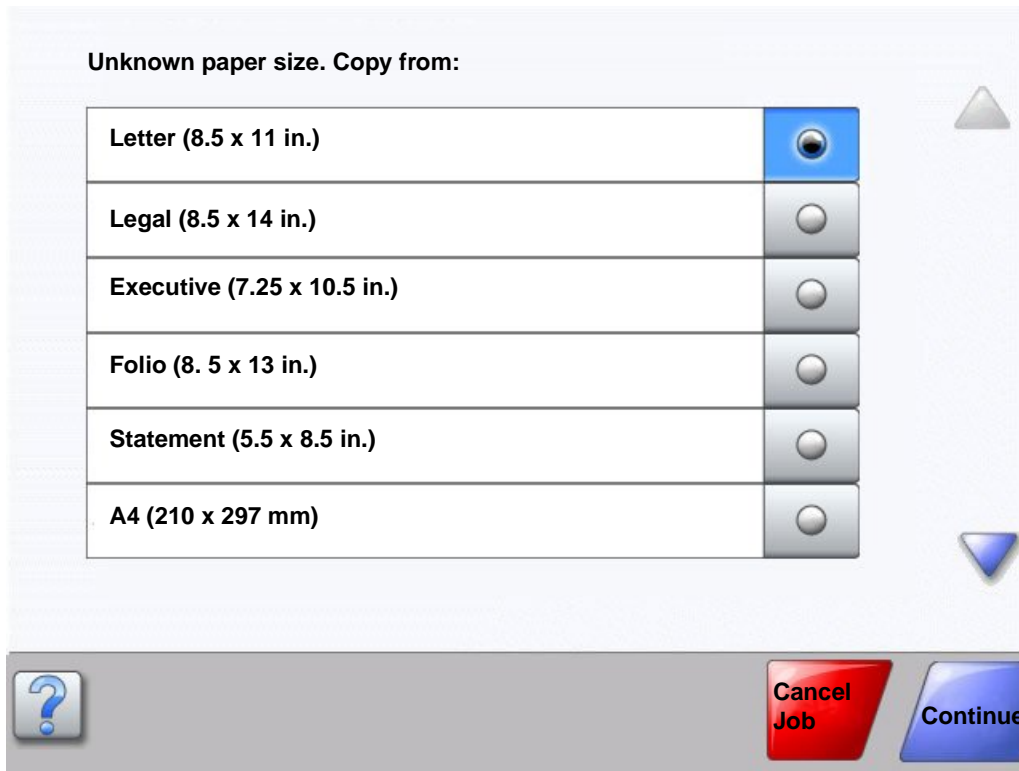
Button	Button name	Function or description
	Select button	Touch the select button to have another screen appear with additional items. On the first screen, the user default setting is shown. Once the select button is touched, and the next screen appears, touching another item shown on the screen changes the user default setting.
	Left scroll decrease button	Touch the left scroll decrease button to scroll to another value in decreasing order.
	Right scroll increase button	Touch the right scroll increase button to scroll to another value in increasing order.
	Left arrow button	Touch the left arrow button to scroll left to: <ul style="list-style-type: none"> Reach a decreased value shown by an illustration. See a full text field on the left.

Using the LCD touch-screen buttons





Button	Button name	Function or description
	Right arrow button	Touch the right arrow button to scroll right to: <ul style="list-style-type: none"> • Reach an increased value shown by an illustration. • See a full text field on the right.
 	Scan the ADF Scan the flatbed Submit	On the gray navigation bar, these two choices indicate that two types of scanning are possible. One may choose to scan from the ADF or the flatbed. A <i>green button</i> indicates a choice. If a different value within a menu item is touched, it needs to be saved to become the current user default setting. To save the value as the new user default setting, touch Submit . <div style="text-align: center;">  </div> For information on user default settings, see page 17 .
	Back	When the Back button is shaped like this, no other navigation is possible from this screen except to go back. If any other choice is made on the navigation bar, the screen closes. For example, in Sample screen one all the selections for scanning have been made. One of the preceding green buttons should be touched. The only other button available is Back. Touch Back to return to the previous screen, and all the settings for the scan job made on Sample screen one are lost.
	Back	When the Back button is shaped like this, both forward and backward navigation is possible from this screen, so there are other options available on the screen besides selecting Back.

Using the LCD touch-screen buttons



Sample screen two











Information on LCD touch-screen buttons

Button	Button name	Function or description
	Down arrow	Touch the down arrow to move down to the next item in a list, such as a list of menu items or values. The down arrow does not appear on a screen with a short listing. It only appears if the entire listing cannot be seen on one screen. On the last screen of the listing, the down arrow is gray to indicate that it is not active since the end of the list appears on this screen.
	Up arrow	Touch the up arrow to move up to the next item in a list, such as a list of menu items or values. When on the first screen presented with a long list, the up arrow is gray to indicate that it is not active. On the second screen needed to show the rest of the listed item, the up arrow is blue to show that it is active.
	Unselected radio button	This is an unselected radio button.
	Selected radio button	This is a selected radio button. Touch a radio button to select it. The radio button changes color to show it is selected. In Sample screen two , the only paper size selected is Letter.

Using the LCD touch-screen buttons


Button	Button name	Function or description
	Cancel Job	See Cancel Jobs on page 10.
	Continue	<p>Touch Continue after a menu item or value on a screen is selected and more changes need to be made for a job from the original screen. Once Continue is touched, the original screen appears.</p> <p>For example, if one touched Copy on the home screen, the Copy screen appears like Sample screen one on page 11. The following example shows how the Continue button reacts.</p> <ol style="list-style-type: none">1 Touch the select button by the Copy to box, and a new screen appears.2 Touch MP Feeder, and a new screen appears.3 Touch Legal, and a new screen appears.4 Touch Next, and a new screen appears.5 Touch Plain Paper for the type of print media needed.6 Touch Continue. The Copy screen returns to allow other selections besides Copy to. The other settings on the Copy screen available are Duplex, Scale, Darkness, Collate, and Copies. <p>Touch Continue to return to the original screen and make other setting changes for a copy job before the Copy it button is touched to start the job.</p>

Other LCD touch-screen buttons

Button	Button name	Function or description
	Custom	Allows for creating a custom button based on the user's needs.
	Cancel	Touch Cancel to cancel an action or a selection. Touch to cancel out of a screen and return to the previous screen.
	Select	Touch to select a menu. The next screen appears showing menu items. Touch to select a menu item. The next screen appears showing values.
	Done	Allows specifying that a job is finished. For example, when scanning an original document, one can indicate that the last page is scanned, and then the print job begins.
	Back	Touch the Back button to return to the previous screen and no settings are saved on the screen where it was touched. The Back button appears on each menu screen except for the home screen.
	Home	Touch the Home button to return to the home screen. The Home button appears on every screen except the home screen. See the Home screen on page 7 for more information.
	Grayed out button	When this button appears, it looks faded with a faded word on it. It means the button is not active or is unavailable on this screen. It was probably active on the previous screen, but the selections made on the previous screen caused it to be unavailable on the current screen. For an example, see page 89 .
	Gray button	Touch this button to select the action appearing on the button. For an example, see page 90 .

Using the LCD touch-screen buttons

Features

Feature	Feature name	Description
<u>Menus</u> → <u>Settings</u> → <u>Copy Settings</u> → Number of Copies	Menu trail line	<p>A line is located at the top of each menu screen. This feature acts as a trail. It gives the exact location within the menus. Touch any of the underlined words to return to that menu or menu item. The Number of Copies is not underlined since this is the current screen.</p> <p>If this feature is used on the Number of Copies screen before the Number of Copies is set and saved, then the selection is not saved, and it does not become the user default setting.</p>
	Attendance message alert	<p>If an attendance message occurs which closes a function, such as copy or fax, then a blinking red exclamation point appears over the function button on the home screen. This feature indicates an attendance message exists.</p>

Menus

Factory defaults are the function settings in effect the first time the MFP is turned on. These remain in effect until they are changed. Factory defaults are restored if the Restore value for the Factory Defaults menu item is selected.

When a value or setting is selected and saved for MFP functions, it is stored in MFP memory. Once stored, these settings remain active until new ones are stored or the factory defaults are restored. These settings are called *user default settings* since the user selects and saves them.

Note: Settings chosen for faxing, scanning, e-mailing, and copying, and settings for printing from the application may override the user default settings.

Menu map

The following menu map provides an overview of the menus and menu items available from the control panel. Select a menu or menu item for more details. For values or settings for each menu item, see the individual descriptions of menu items following the menu map. There can be an extra level in the menu hierarchy so that there are menu, menu item, menu item (which can be several more menu items under a menu item), and values.

Click any of the following menus or menu items listed for more information:

Paper Menu

- Default Source
- Paper Size/Type
- Configure MP
- Substitute Size
- Paper Texture
- Paper Weight
- Paper Loading
- Custom Types
- Custom Names
- Custom Bin Names
- Universal Setup
- Bin Setup

Reports

- Menu Settings Page
- Device Statistics
- Network Setup Page
- Shortcut List
- Fax Job Log
- Fax Call Log
- E-mail Shortcuts
- Fax Shortcuts
- FTP Shortcuts
- Profiles List
- NetWare Setup Page
- Print Fonts
- Print Directory

Network/Ports

- TCP/IP
- IPv6
- E-mail Server Setup
- Wireless
- Standard Network
- Network <x>
- Standard USB
- USB <x>
- Standard Parallel
- Parallel <x>
- Serial <x>
- NetWare
- AppleTalk
- LexLink

Settings

- General Settings
- Copy Settings
- Fax Settings
- E-mail Settings
- FTP Settings
- Print Settings
- Security
- Set Date and Time

Help Pages

- Print All
- Information Guide
- Copying
- E-mail
- Faxing
- FTP
- Print Defects
- Supplies Guide

Manage Shortcuts

- Manage Fax Shortcuts
- Manage E-mail Shortcuts
- Manage FTP Shortcuts
- Manage Profile Shortcuts

Note: The factory default is indicated by an asterisk (*) by the value in the following tables.

Paper Menu

Use the **Paper Menu** to define settings relating to print media.

Default Source

Use this menu item to define the default print media source.

Menu item	Purpose	Values and descriptions	
Default Source	Identifies the default print media source.	Tray <x>	If the same size and type of print media are in two sources (and the Paper Size and Paper Type menu items are correctly set), the sources are automatically linked. When one source is empty, print media automatically feeds from the next linked source. Tray 1 is the factory default setting. x represents the tray number, such as Tray 1 for the standard tray and Tray 2 for an optional tray. Note: The MP Feeder value, which stands for the multipurpose feeder, is shown only when Configure MP is set to Cassette. See Configure MP for more information.
		MP Feeder	
		Envelope Feeder	
		Manual Paper	
		Manual Env	

Paper Size/Type

Note: Only installed print media sources appear for this menu item.

These menu items are used to set the size and type of print media loaded into a source, such as a tray, the multipurpose feeder, or the manual feed slot. Setting the size and type is a two-step process. In the first menu item, **Size** appears in bold letters. After selecting the print media size, the screen changes, and **Type** appears in bold letters. Select the print media type.

Menu item	Purpose	Values and descriptions	
Tray <x> Size	Identifies the default size for each source. Only installed sources appear. Note: For trays with automatic size sensing, only the value detected by the hardware appears.	A4* (non-US) A5 JIS B5 Letter* (US) Legal Executive JIS B4 A3 11x17 Folio Statement Universal	If the same size and type of print media is in two sources (and the Paper Size and Paper Type menu items are correctly set), the sources are automatically linked. When one source is empty, print media automatically feeds from the next linked source. See Tray <x> Type for more information.

Paper Menu

Menu item	Purpose	Values and descriptions	
Tray <x> Type	Identifies the type of print media loaded in each source. Note: If a user-defined name is available, it appears instead of Custom Type <x> . If two or more custom types share the same name, the name only appears once in the Paper Type list.	Plain Paper Card Stock Transparency Labels Bond Letterhead Preprinted Colored Paper Custom Type <x> (where x represents 1–6)	Use this menu item to: <ul style="list-style-type: none"> Optimize print quality for the specified print media. Select sources through the software application by selecting type. Automatically link sources. Any sources containing the same type and size of print media are automatically linked by the MFP if the Paper Size and the Paper Type are set to the correct values.
MP Feeder Size	Identifies the size of print media inserted in the multipurpose feeder.	A3 A4 (non-US)* A5 JIS B4 JIS B5 Letter (US)* Legal 11 x 17 Executive Folio Statement Universal 7 3/4 Envelope 10 Envelope DL Envelope C5 Envelope Other Envelope	The multipurpose feeder only appears on the control panel when Configure MP is set to Cassette. Note: See Configure MP for more information.
MP Feeder Type	Identifies the type of print media inserted in the multipurpose feeder. Note: If a user-defined name is available, it appears instead of Custom Type <x> . If two or more custom types share the same name, the name only appears once in the Paper Type value list.	Plain Paper* Card Stock Transparency Labels Bond Envelope Letterhead Preprinted Colored Paper Custom Type <x> (where x represents 1–6)	The multipurpose feeder only appears on the control panel when Configure MP is set to Cassette. Custom Type 6 is the factory default for Custom Types. Note: See Configure MP for more information.
Envelope Feeder Size	Identifies the size of envelope inserted in the envelope feeder. This menu item appears only if the optional envelope feeder is installed.	7 3/4 Envelope 9 Envelope 10 Envelope* (US) DL Envelope* (non-US) C5 Envelope B5 Envelope Other Envelope	

Paper Menu

Menu item	Purpose	Values and descriptions	
Envelope Feeder Type	Identifies the type of envelope inserted in the envelope feeder. This menu item appears only if the optional envelope feeder is installed.	Envelope Custom Type <x> (where x represents 1–6)	Note: If a user-defined name is available, it appears instead of Custom Type <x> . If two or more custom types share the same name, the name only appears once in the Envelope Feeder Type value list.
Manual Paper Size	Identifies the print media size being manually loaded.	A3 A4* (non-US) A5 JIS B4 JIS B5 Letter* (US) Legal 11 x 17 Executive Folio Statement Universal	
Manual Paper Type	Identifies the print media type being manually loaded.	Plain Paper* Card Stock Transparency Labels Bond Letterhead Preprinted Colored Paper Custom Type <x> (where x represents 1–6)	
Manual Envelope Size	Identifies the envelope size being manually loaded.	7 3/4 Envelope 10 Envelope (US)* DL Envelope (non-US)* C5 Envelope Other Envelope	
Manual Envelope Type	Identifies the envelope type being manually loaded.	Envelope* Custom Type <x> (where x represents 1–6)	

Configure MP

This menu item is used to configure the multipurpose feeder as another source or manual feeder. If the multipurpose feeder is linked with another tray, the MFP can select print media from the multipurpose feeder before selecting print media from another tray.

Menu item	Purpose	Values and descriptions	
Configure MP	Determines when the MFP selects print media loaded in the multipurpose feeder.	Cassette*	MFP treats the multipurpose feeder like any other tray. If a print job requests a size or type that is only loaded in the multipurpose feeder, the MFP pulls print media from the multipurpose feeder for the job.
		Manual	MFP treats the multipurpose feeder like a manual feed tray, and Load Manual appears when a single sheet of print media needs to be inserted in the feeder.
		First	MFP pulls print media from the multipurpose feeder until it is empty, regardless of the source or size requested for the job.

Substitute Size

This menu item is used to determine whether the MFP can substitute another print media size if the requested size is not currently installed in any of the MFP sources. If, for example, Substitute Size is set to Letter/A4, and only letter size paper is installed in the MFP when a request is received to print on A4 paper, the MFP substitutes letter for A4 and prints the job instead of showing a change paper request.

Menu item	Purpose	Values and descriptions	
Substitute Size	The MFP substitutes the specified print media size if the requested size is not loaded.	Off	MFP prompts the user to load the requested paper size. No size substitutions are allowed.
		Statement/A5	Prints A5 size jobs on statement size paper if only statement size paper is loaded, and prints statement size jobs on A5 paper if only A5 paper is loaded.
		Letter/A4	Prints A4 size jobs on letter size paper if only letter size paper is loaded, and prints letter size jobs on A4 size paper if only A4 size paper is loaded.
		All listed*	Substitutes both Letter/A4 and Statement/A5 which means all available substitutions are allowed.

Paper Menu

Paper Texture

These menu items are used to set the print media texture for each of the defined print media types. This allows the MFP to optimize the print quality for the specified print media.

Menu item	Purpose	Values and descriptions	
Plain Texture	Identifies the texture of the print media loaded in a specific source.	Smooth Normal* Rough	Note: The default for Bond Texture is Rough.
Transparency Texture			
Glossy Texture			
Labels Texture			
Bond Texture			
Envelope Texture			
Letterhead Texture			
Preprinted Texture			
Colored Texture			
Card Stock Texture	Identifies the texture of the card stock loaded in a specific source.	Smooth Normal* Rough	Shown if Card Stock is supported in the specified source.
Custom <x> Texture	Identifies the texture of the custom print media loaded in a specific source. (x represents 1–6.)	Smooth Normal* Rough	Shown if the custom type is supported in the specified source.

Paper Weight

These menu items are used to set the paper weight for each of the defined print media types. This allows the MFP to optimize the print quality for the print media weight.

Menu item	Purpose	Values and descriptions	
Plain Weight	Identifies the relative weight of the print media loaded in a specific source, and ensures the toner adheres properly to the printed page.	Light Normal* Heavy	Note: Card Stock is shown on the control panel only if it is supported in a specified source.
Card Stock Weight			
Transparency Weight			
Labels Weight			
Bond Weight			
Envelope Weight			
Letterhead Weight			
Preprinted Weight			
Colored Weight			
Custom <x> Weight	Identifies the relative weight of the custom paper loaded in a specific source. (x represents 1–6.)	Light Normal* Heavy	Shown if the custom type is supported in the specified source.

Paper Loading

These menu items are used to set the loading orientation for each print media type. A source is loaded with preprinted print media, and then the MFP can be notified that the print media is loaded for duplex (two-sided) printing. Use the application software to indicate simplex (one-sided) printing. When simplex printing is selected, the MFP automatically inserts blank pages to print the simplex job correctly.

Paper Loading is only shown on the control panel if a duplex unit is installed.

Menu item	Purpose	Values and descriptions	
Card Stock Load	Properly handles the specific preprinted print media whether the job is a duplex job (two-sided) or a simplex job (single-sided).	Duplex	Duplex is for two-sided printing on the print media, and off indicates that duplex printing is turned off.
Labels Loading		Off*	
Bond Loading			
Letterhead Loading			
Preprinted Loading			
Colored Loading			
Custom <x> Loading	Properly handles preprinted custom paper whether the job is a duplex job (two-sided) or a simplex job (single-sided). x represents 1–6.	Duplex	Shown if the custom type is supported in the specified source.
		Off*	

Custom Types

This menu item is used to define a name for each custom paper type. Assign names using a utility such as MarkVision or from the control panel.

Menu item	Purpose	Values and descriptions	
Custom Type <x>	Specifies the type of print media associated with each Custom Type available in the Paper Type menu.	Paper* Card Stock Transparency Labels Bond Envelope	The custom type print media must be supported in the designated source in order to assign a user-defined name. Once the name is assigned, the name appears instead of Custom Type <x> .

Custom Names

This menu item is used to define a custom name for each print media.

Menu item	Purpose	Values and descriptions	
<user-defined Custom Name>	Specifies the name of print media associated with each Custom Name <x> available in the Paper Type menu where x is 1–6.	[user-defined name], such as: Stephen's labels Mary's card stock	The custom print media must be supported in the designated source to assign a user-defined name.

Paper Menu

Custom Bin Names

This menu item is used to define a custom name for each output bin based on a person or the type of print media assigned to exit to a specific output bin.

Menu item	Purpose	Values and descriptions	
<user-defined Custom Bin Name>	Specifies the custom name of output bin <x> where x is 1–10 based on the MFP model or the optional finisher, if one is attached.	[user-defined name], such as: Company's bin Lawyer's bin Mary's bin Stephen's bin	The custom output bin must be able to accept the type of print media assigned to exit to the defined bin to assign a user-defined name.

Universal Setup

These menu items are used to specify the height and width of the Universal Paper Size. By specifying the height and width for Universal Paper Size, the MFP uses the Universal setting like other paper sizes, including support for duplex and n-up. For more information on n-up, see **Multipage Print**.

Menu item	Purpose	Values and descriptions	
Units of Measure	Determines the unit of measure used to enter the Universal Height and Width.	Inches Millimeters	Inches is the US default, and Millimeters is the international default.
Portrait Width	Sets the portrait width of the universal media. Note: If the value set exceeds the maximum width, the MFP uses the maximum value allowed in inches or millimeters.	3 inches to 17 inches in 0.01 inch increments 76 mm to 432 mm in 1 mm increments	Shows either inches or millimeters from Units of Measure setting; 11.69 inches is the US default, and 297 mm is the international default.
Portrait Height	Sets the portrait height of the universal media. Note: If the value set exceeds the maximum height, the MFP uses the maximum value allowed in inches or millimeters.	3 inches to 17 inches in 0.01 inch increments 76 mm to 432 in 1 mm increments	Shows either inches or millimeters from Units of Measure setting; 17 inches is the US default, and 432 millimeters is the international default.
Feed Direction	Specifies the feed direction of the Universal Paper Size.	Short Edge* Long Edge	Feed Direction is only shown if the Long Edge value is available. Long Edge exists if the longest edge is shorter than the maximum physical width that the tray can accommodate. See Duplex Bind on page 68 for more information about short and long edges.

Reports

Bin Setup

This menu item is used to specify the output bin where the printed print media goes. This menu item only appears if at least one optional output bin is installed, and only installed output bins appear as values.

Menu item	Purpose	Values and descriptions	
Output Bin	Specifies the default bin for printed print media.	Standard Bin* Bin 1 Bin 2	If a user-defined name is available for an output bin, then the name appears instead. Note: If multiple output bins are assigned the same name, the name only appears once in the Output Bin value list.
Configure Bins	Determines which output bin(s) the MFP uses for a particular job.	Mailbox*	Sends print jobs to the output bin designated for that user.
		Link	Links two or more output bins together as though they were one large bin. When one linked output bin is full, the MFP starts filling the next linked bin and continues with each additional linked bin. Note: The Link Optional value only appears when at least two optional output bins are installed.
		Link Optional	
		Type Assignment	Links all optional output bins as though they were one large bin, while leaving the standard output bin individually addressable.
Assign Type/Bin	Sends print jobs to a specific output bin based on the requested paper type. Note: This menu item only appears when Configure Bins appears and is set to Mailbox or Type Assignment. If a user-defined name is available, it appears instead of Custom <x> Bin . If two or more output bins share the same name, the name only appears once in the Assign Type/Bin value list.	Plain Paper Bin	Disabled*
		Card Stock Bin	Standard Bin
		Transparency Bin	Bin 1
		Labels Bin	Bin 2
		Bond Bin	Note: Only installed output bins appear. If Configure Bins is set to Type Assignment, then the default is the Standard Bin.
		Envelope Bin	
		Letterhead Bin	
		Preprinted Bin	
		Colored Bin	
Custom <x> Bin (<x> represents 1–6)			

Reports

Note: After a report prints, the MFP returns to the home screen.

Reports

Each report prints using some standard print values, such as one copy, 600 dots per inch (dpi) print resolution, normal print area, no separator sheets, duplex printing is off, multiple page printing is off, toner darkness set to eight, portrait orientation, and the media source is the user default.

Menu item	Purpose	Values and descriptions	
Menu Settings Page	Prints information relating to: <ul style="list-style-type: none"> • Current settings for each of the menu items for all menus • Cartridge information • A list of installed options and features • Available MFP memory 	After selecting this item, the page prints and the MFP returns to Ready .	
Device Statistics	Prints information relating to the MFP statistics.		
Network Setup Page Network <x> Setup Page appears if additional network options are installed.	Prints information relating to network settings and verifies the network connection. Note: This page also provides information that aids in configuring for network printing.		
Shortcut List	Prints a list of previously defined shortcuts.		
Fax Job Log	Prints a list of pending fax jobs along with the most recent 200 fax tasks completed. Note: The menu item only appears when Enable Job Log is on.		
Fax Call Log	Prints a list of the of the last 100 fax calls made or answered by the MFP. Note: The menu item only appears when Enable Call Log is on.		
E-mail Shortcuts	Prints a list of the e-mail shortcuts.		
Fax Shortcuts	Prints a list of the fax shortcuts.		
FTP Shortcuts	Prints a list of the FTP shortcuts.		
Profiles List	Prints a list of profiles stored in the MFP.		
NetWare Setup Page	Prints a page listing the NetWare protocol settings.		
Print Fonts	Prints a sample of all the fonts available for the selected emulation.	PCL Fonts	Prints a sample of all MFP fonts available for PCL emulation.
		PostScript Fonts	Prints a sample of all MFP fonts available for PostScript emulation.
Print Directory	Prints a list of the resources that are stored on the optional flash memory card or the internal hard disk. Note: Print Directory is available on the control panel if either an optional nondefective flash memory or standard hard disk is installed and formatted.	After selecting this item, the page prints and the MFP returns to Ready .	

Network/Ports

TCP/IP

This menu item is used to view and change the Transmission Control Protocol/Internet Protocol settings. Internet Protocol (IP) specifies the format of packets, also called datagrams, and the addressing scheme. Most networks combine IP with a higher-level protocol called Transmission Control Protocol (TCP). TCP enables two hosts to establish a connection and exchange streams of data. TCP guarantees delivery of data and also guarantees that packets are delivered in the same order in which they were sent.

Menu item	Purpose	Values and descriptions	
Set Hostname			
Address	Defines a specific address on the network which defines the device.	IP address	4 field IP address Display only
Netmask	Defines information that the network uses to decide how to search for the specific IP address.	netmask	4 field mask Display only
Gateway	Provides the address of the machine that controls the communication for the sub-network.	gateway	4 field IP address Display only
Set static IP address		link	Link to the page to set a static IP address. Changing the IP address sets DHCP, BOOTP, and RARP to Off.
Enable DHCP	DHCP is Dynamic Host Configuration Protocol. The network automatically assigns a number for the network information.	On* Off	
Enable RARP	RARP is Reverse Address Resolution Protocol.	On* Off	
Enable BOOTP	BOOTP is Bootstrap Protocol.	On* Off	
AutoIP	Provides automatic IP.	On* Off	
Enable FTP/TFTP	Allows files to be transferred to the device. File Transfer Protocol (FTP) is the protocol used on the Internet for exchanging files. FTP uses the Internet TCP/IP protocols to enable data transfer. TFTP is Trivial File Transfer Protocol, which is a simple form of FTP.	On*	
		Off	
HTTP Server Enabled	Specifies if Web pages can be seen. HyperText Transfer Protocol (HTTP), the underlying protocol used by the World Wide Web (WWW). HTTP defines how messages are formatted and transmitted, and what actions Web servers and browsers should take in response to various commands.	On*	The function is enabled. Web pages can be seen.
		Off	The function is disabled.

Network/Ports

Menu item	Purpose	Values and descriptions	
WINS Server Address	<p>A server handles host names by assigning host names to IP addresses. Devices have a host name registered with the WINS server.</p> <p>Windows Internet Naming Service (WINS) is a system that determines the IP address associated with a particular network computer. This is called name resolution. WINS supports network client and server computers running Windows and can provide name resolution for other computers with special arrangements.</p>	4 field IP address	
DNS Server Address	<p>Registers the host name with the DNS server. Enables name resolution for the e-mail server, FTP, and other host name entries.</p> <p>Domain Name System (or Domain Name Service) [DNS] is an Internet service that translates domain names into IP addresses. Domain names are alphabetic; therefore, they are easier to remember. The Internet is really based on IP addresses. Each time a domain name is used, a DNS service must translate the name into the corresponding IP address.</p>	4 field IP address	
Backup DNS Server Address	This is used if the DNS Server Address is not available.	4 field IP address	
Domain Search Order	Defines the search order of the domains.	text entry field	The search order is given in a comma delimited list, such as: myserver.com, myprinter.com
Restricted Server List	Defines a limited number of IP addresses.	text entry	This is a comma delimited list of up to 10 IP addresses allowed to make TCP connections. A zero (0) can be used as a wildcard in the list.
MTU	Defines the range of the communication type.	numeric entry	This is range, such as 256–1500 Ethernet, 256–4096 Token-Ring
Default TTL*		numeric entry	Gives the range in seconds, such as Range: 5–254 seconds
DDNS		On*	
		Off	
mDNS		On*	
		Off	
Zero Configuration Name		text entry	Example: John's office printer.
SLP Broadcast		On*	
		Off	
LPD Timeout		numeric entry	The range is 0–65535 seconds.

Network/Ports

Menu item	Purpose	Values and descriptions	
LPD Banner Page		On	
		Off*	
LPD Trailer Page		On	
		Off*	
LPD Carriage Return Conversion		On	
		Off*	

IPv6

Use this menu item to view or change Internet Protocol Version 6 (IPv6) settings.

Note: This menu item does not appear for non-network models.

Menu item	Purpose	Values and descriptions	
IPv6	Sets the network to IPv6 (Internet Protocol Version 6).	Enable IPv6	Yes*
			No
		Auto Configuration	On*
			Off
		Hostname	text entry field
		Address	text entry field
		Router Address	text entry field
		Enable DHCPv6	Yes*
No			

E-mail Server Setup

Menu item	Purpose	Values and descriptions	
Primary SMTP Gateway		IP address field	
Primary SMTP Gateway Port		numeric entry (25*)	
Secondary SMTP Gateway		IP address field	
Secondary SMTP Gateway Port		numeric entry (25*)	
SMTP Timeout		numeric entry 5–30 (30*)	The timeout numeric entry is a range of 5 to 30 seconds with 30 seconds as the default.
Authentication		header	
Server Requires Authentication		Yes No*	
Userid		text entry	
Password		text entry, plain text? if not need confirm	
Reply Address		text entry	This is a required item.
Subject		text entry	
Message		text entry	The text entry field has a limitation of 512 characters.
Send me a copy	Sends a copy of the e-mail back to the creator of the e-mail.	Never appears* On by default Off by default Always on	The user must be authenticated.
Max e-mail size	Specifies the maximum e-mail size in kilobytes. E-mail above the specified size is not sent.	numeric entry	Specify 0 (zero) for no limit.
Size error message	Sends a message when an e-mail is greater than the configured size limit.	text entry	
Limit destinations	Sends an e-mail only when the address contains the domain name, such as a company domain name. E-mail can only be sent to the specified domain.	@text entry	The limit is one domain. The @ is permanent before the text field. Example: @companydomain.com For the example, e-mails are only sent when the address ends with @companydomain.com.
Web Link Setup		header	
Server	Specifies the name of the server.	text entry	For example: server.mine.com
Login		text entry	
Password		password text entry	

Network/Ports

Menu item	Purpose	Values and descriptions	
Path	Defines the path name.	text entry	<p>For example: /directory/path</p> <p>The following characters or symbols are invalid entries for a path name:</p> <ul style="list-style-type: none"> * – asterisk : – colon ? – question mark < – less than symbol > – greater than symbol – vertical bar
Base file name	Specifies the base file name. A timestamp is added to the end of the base file name.	text entry image*	<p>The default value is the following word: image</p> <p>Note: There is a 53-character limit for the base file name. The following characters or symbols are invalid:</p> <ul style="list-style-type: none"> * – asterisk : – colon ? – question mark < – less than symbol > – greater than symbol – vertical bar <p>A time stamp is added to the end of the base file name.</p>
Web Link		text entry	<p>Example: http://my.business.com/directory/path</p>

Wireless

Menu item	Values
Mode	Infrastructure Ad hoc
Network Name	list of available network names print server*

Standard Network or Network <x>

Use these menu items to change printer settings affecting jobs sent to the MFP through a network port (either Standard Network or Network <x>) where x represents 1 or 2.

Menu item	Purpose	Values and descriptions	
PCL SmartSwitch	Configures the MFP so it automatically switches to PCL emulation when a print job received through the network port requires it, regardless of the default printer language.	On*	The MFP examines data on the network interface and selects PCL emulation if the data indicates that is the required printer language.
		Off	The MFP does not examine the incoming data. The printer uses PostScript emulation to process the job if PS SmartSwitch is On, or uses the default printer language specified in the Setup Menu if PS SmartSwitch is Off.
PS SmartSwitch	Configures the MFP so it automatically switches to PostScript emulation when a print job received through the network port requires it, regardless of the default printer language.	On*	The MFP examines data on the network interface connection and selects PostScript emulation if the data indicates that is the required printer language.
		Off	The MFP does not examine the incoming data. The printer uses PCL emulation to process the job if PCL SmartSwitch is On, or uses the default printer language specified in the Setup Menu if PCL SmartSwitch is Off.
NPA Mode	Specifies whether the MFP performs the special processing required for bidirectional communication, following the conventions defined in the Network Printing Alliance (NPA) Protocol. Note: Changing this menu item automatically resets the MFP.	Off	The MFP does not perform NPA processing.
		Auto*	The MFP examines the data to determine the format and then processes it appropriately.

Network/Ports

Menu item	Purpose	Values and descriptions	
Network Buffer	Configures the size of the network input buffer. Note: Changing the Network Buffer menu item automatically resets the MFP. Any permanent resources, such as fonts or macros, are lost.	Auto*	The MFP automatically calculates the Network Buffer size (recommended setting).
		3K to maximum size allowed (1K increments)	User specifies the Network Buffer size. The maximum size depends on the amount of memory in the MFP, the size of the other link buffers, and whether Resource Save is set to On or Off. To maximize the range for the Network Buffer size, disable or reduce the size of the parallel, serial, and USB buffers.
Job Buffering	Temporarily stores jobs on the MFP hard disk before printing. This menu item only appears when a nondefective formatted hard disk is installed. Note: Changing this menu item automatically resets the MFP.	Off*	Does not buffer jobs to the hard disk.
		On	Buffers print jobs to the hard disk.
		Auto	Buffers print jobs only if the MFP is busy processing data from another input port.
Mac Binary PS	Configures the MFP to process Macintosh binary PostScript print jobs.	On	The MFP processes raw binary PostScript print jobs from computers using the Macintosh operating system. Note: This setting often causes Windows print jobs to fail.
		Off	The MFP filters PostScript print jobs using standard protocol.
		Auto*	The MFP processes print jobs from computers using either Windows or Macintosh operating systems.

Standard USB or USB <x>

These menus are only shown if a USB port is available. Use these menu items to change printer settings affecting a Universal Serial Bus (USB) port (USB <x>). x represents 1 or 2.

Menu item	Purpose	Values and descriptions	
PCL SmartSwitch	Configures the MFP so it automatically switches to PCL emulation when a print job received through the USB port requires it, regardless of the default printer language.	On*	The MFP examines the data on the USB port and selects PCL emulation if the data indicates that is the required printer language.
		Off	The MFP does not examine the incoming data. The MFP uses PostScript emulation to process the job if PS SmartSwitch is On, or uses the default printer language specified in the Setup Menu if PS SmartSwitch is Off.

Network/Ports

Menu item	Purpose	Values and descriptions	
PS SmartSwitch	Configures the MFP so it automatically switches to PostScript emulation when a print job received through the USB port requires it, regardless of the default printer language.	On*	The MFP examines data on the USB interface and selects PostScript emulation if the data indicates that is the required printer language.
		Off	The MFP does not examine the incoming data. The MFP uses PCL emulation to process the job if PCL SmartSwitch is On, or uses the default printer language specified in the Setup Menu if PCL SmartSwitch is Off.
NPA Mode	Specifies whether the MFP performs the special processing required for bidirectional communication, following the conventions defined in the Network Printing Alliance (NPA) Protocol. Note: Changing this menu item automatically resets the MFP once the menus are exited. It is reset to configure memory, and any permanent resources, such as fonts or macros, are lost.	On	The MFP performs NPA processing. If data is not in NPA format, it is rejected as bad data.
		Off	The MFP does not perform NPA processing.
		Auto*	The MFP examines the data to determine the format and then processes it appropriately.
USB Buffer	Configures the size of the USB input buffer. Note: Changing the USB Buffer menu item automatically resets the MFP. Any permanent resources, such as fonts or macros, are lost.	Disabled	Job buffering is disabled. Any jobs already buffered on the hard disk are printed before normal processing of incoming jobs resumes.
		Auto*	The MFP automatically calculates the USB Buffer size (recommended setting).
		3K to maximum size allowed (1K increments)	The user specifies the USB Buffer size. The maximum size depends on the amount of memory in the MFP, the size of the other link buffers, and whether Resource Save is set to On or Off. To maximize the range for the USB Buffer size, disable or reduce the size of the parallel, serial, and network buffers.
Job Buffering	This menu item is shown only when a formatted hard disk is installed. Temporarily stores jobs on the MFP hard disk before printing. Note: Changing the Job Buffering menu item automatically resets the MFP. It is reset to configure memory, and any permanent resources, such as fonts or macros, are lost.	Off*	Does not buffer print jobs to the hard disk.
		On	Buffers print jobs to the hard disk.
		Auto	Buffers print jobs only if the MFP is busy processing data from another input port.

Network/Ports

Menu item	Purpose	Values and descriptions	
Mac Binary PS	Configures the MFP to process Macintosh binary PostScript print jobs.	On	The MFP filters PostScript print jobs using standard protocol.
		Off	The MFP processes raw binary PostScript print jobs from computers using the Macintosh operating system. Note: This setting often causes Windows print jobs to fail.
		Auto*	The MFP processes print jobs from computers using either Windows or Macintosh operating systems.
ENA Address	Sets the USB port ENA Address.	4 field IP address (0.0.0.0*)	Shown only if an ENA is attached through the USB port.
ENA Netmask	Sets the USB port ENA Netmask.		
ENA Gateway	Sets the USB port ENA Gateway.		

Standard Parallel or Parallel <x>

Use these menu items to change printer settings affecting jobs sent to the MFP through a parallel port (either Std Parallel or Parallel <x>).

Menu item	Purpose	Values and descriptions	
PCL SmartSwitch	Configures the MFP so it automatically switches to PCL emulation when a print job received through the parallel port requires it, regardless of the default printer language.	On*	The MFP examines data on the parallel interface and selects PCL emulation if the data indicates that is the required printer language.
		Off	The MFP does not examine the incoming data. The MFP uses PostScript emulation to process the job if PS SmartSwitch is On, or uses the default printer language specified in the Setup Menu if PS SmartSwitch is Off.
PS SmartSwitch	Configures the MFP so it automatically switches to PostScript emulation when a print job received through the parallel port requires it, regardless of the default printer language.	On*	The MFP examines data on the parallel interface and selects PostScript emulation if the data indicates that is the required printer language.
		Off	The MFP does not examine the incoming data. The MFP uses PCL emulation to process the job if PCL SmartSwitch is On, or uses the default printer language specified in the Setup Menu if PCL SmartSwitch is Off.

Network/Ports

Menu item	Purpose	Values and descriptions	
NPA Mode	<p>Specifies whether the MFP performs the special processing required for bidirectional communication, following the conventions defined in the Network Printing Alliance (NPA) Protocol.</p> <p>Note: Changing this menu item automatically resets the MFP. It is reset to configure memory, and any permanent resources, such as fonts or macros, are lost.</p>	On	The MFP performs NPA processing. If data is not in NPA format, it is rejected as bad data.
		Off	The MFP does not perform NPA processing.
		Auto*	The MFP examines data, determines the format, and then processes it appropriately.
Parallel Buffer	<p>Configures the size of the parallel input buffer.</p> <p>Note: Changing this menu item automatically resets the MFP. It is reset to configure memory, and any permanent resources, such as fonts or macros, are lost.</p>	Disabled	Disables job buffering. Any jobs already buffered on the hard disk are printed before normal processing of incoming jobs resumes.
		Auto*	The MFP automatically calculates the Parallel Buffer size (recommended setting).
		3K to maximum size allowed (1K increments)	The user specifies the Parallel Buffer size. The maximum size depends on the amount of memory in the MFP, the size of the other link buffers, and whether Resource Save is set to On or Off. To maximize the range for the Parallel Buffer size, disable or reduce the size of the serial and USB buffers.
Job Buffering	<p>This menu item only appears when a formatted hard disk is installed.</p> <p>Temporarily stores jobs on the MFP hard disk before printing.</p> <p>Note: Changing this menu item automatically resets the MFP. It is reset to configure memory, and any permanent resources, such as fonts or macros, are lost.</p>	Off*	Does not buffer print jobs to the hard disk.
		On	Buffers print jobs to the hard disk.
		Auto	Buffers print jobs only if the MFP is busy processing data from another input port.
Advanced Status	Enables bidirectional communication through the parallel port.	Off	Disables parallel port negotiation.
		On*	Enables bidirectional communication through the parallel interface.
Protocol	Specifies the parallel interface protocol.	Standard	May resolve some parallel interface problems.
		Fastbytes*	Provides compatibility with most existing parallel interface implementations (recommended setting).
Honor Init	<p>Determines whether the MFP honors hardware initialization requests from the computer. The computer requests initialization by activating the INIT signal on the parallel interface. Many personal computers activate the INIT signal each time the computer is turned on and off.</p>	Off*	The MFP does not honor hardware initialization requests from the computer.
		On	The MFP honors hardware initialization requests from the computer.

Network/Ports

Menu item	Purpose	Values and descriptions	
Parallel Mode 2	Determines whether the parallel port data is sampled on the leading or trailing edge of strobe. This menu item only appears when the associated parallel port supports this feature.	On*	Samples parallel port data on the leading edge of strobe.
		Off	Samples parallel port data on the trailing edge of strobe.
Mac Binary PS	Configures the MFP to process Macintosh binary PostScript print jobs.	On	The MFP processes raw binary PostScript print jobs from computers using the Macintosh operating system. Note: This setting often causes Windows print jobs to fail.
		Off	The MFP filters PostScript print jobs using standard protocol.
		Auto*	The MFP processes print jobs from computers using either Windows or Macintosh operating systems.

Serial <x>

Use these menu items to change printer settings affecting jobs sent to the MFP through an optional serial port.

Menu item	Purpose	Values and descriptions	
PCL SmartSwitch	Configures the MFP so it automatically switches to PCL emulation when a print job received through the serial port requires it, regardless of the default printer language.	On*	On—The MFP examines the data at the serial interface and selects PCL emulation if the data indicates that is the required printer language.
		Off	Off—The MFP does not examine the incoming data. The MFP uses PostScript emulation to process the job if PS SmartSwitch is On, or uses the default printer language specified in the Setup Menu if PS SmartSwitch is Off.
PS SmartSwitch	Configures the MFP so it automatically switches to PostScript emulation when a print job received through the serial port requires it, regardless of the default printer language.	On*	On—The MFP examines the data at the serial interface and selects PostScript emulation if the data indicates that is the required printer language.
		Off	Off—The MFP does not examine the incoming data. The MFP uses PCL emulation to process the job if PCL SmartSwitch is On, or uses the default printer language specified in the Setup Menu if PCL SmartSwitch is Off.
NPA Mode	Specifies whether the MFP performs the special processing required for bidirectional communication, following the conventions defined in the Network Printing Alliance (NPA) Protocol. Note: Changing this menu item automatically resets the MFP. It is reset to configure memory, and any permanent resources, such as fonts or macros, are lost.	On	The MFP performs NPA processing. If data is not in NPA format, it is rejected as bad data.
		Off	The MFP does not perform NPA processing.
		Auto*	The MFP examines the data to determine the format and then processes it appropriately.

Network/Ports

Menu item	Purpose	Values and descriptions	
Serial Buffer	Configures the size of the serial input buffer. Note: Changing the Serial Buffer menu item automatically resets the MFP. Any permanent resources, such as fonts or macros, are lost.	Disabled	The MFP disables job buffering. Any jobs already buffered on the hard disk are printed before normal processing of incoming jobs resumes.
		Auto*	The MFP automatically calculates the Serial Buffer size (recommended setting).
		3K to maximum size allowed (1K increments)	The user specifies the Serial Buffer size. The maximum size depends on the amount of memory in the MFP, the size of the other link buffers, and whether Resource Save is set to On or Off. To maximize the range for the Serial Buffer size, disable or reduce the size of the parallel and USB buffers.
Job Buffering	This menu item only appears when a formatted hard disk is installed. Temporarily stores jobs on the MFP hard disk before printing. Note: Changing the Job Buffering menu item automatically resets the MFP. It is reset to configure memory, and any permanent resources, such as fonts or macros, are lost.	Off*	Does not buffer print jobs to the hard disk.
		On	Buffers print jobs to the hard disk.
		Auto	Buffers print jobs only if the MFP is busy processing data from another input port.
Serial Protocol	Selects the hardware and software handshaking values for the serial interface.	DTR*	Hardware handshaking.
		DTR/DSR	Hardware handshaking.
		XON/XOFF	Software handshaking.
		XON/XOFF/DTR	Combined hardware and software handshaking.
		XONXOFF/DTRDSR	Combined hardware and software handshaking.
Robust XON	Determines whether the MFP communicates availability to the computer. This menu item only applies to the serial port if Serial Protocol is set to XON/XOFF.	Off*	The MFP waits to receive data from the computer.
		On	The MFP sends a continuous stream of XONs to the host computer to indicate that the serial port is ready to receive more data.

Network/Ports

Menu item	Purpose	Values and descriptions	
Baud	Specifies the rate at which data can be received through the serial port. Note: 138200, 172800, 230400, and 345600 baud rates appear in the Standard Serial menu. These values do not appear in the Serial Option 1, Serial Option 2, or Serial Option 3 menus.	1200	
		2400	
		4800	
		9600*	
		19200	
		38400	
		57600	
		115200	
		138200	
		172800	
		230400	
		345600	
Data Bits	Specifies the number of data bits that are sent in each transmission frame.	7	
		8*	
Parity	Sets the parity for serial input and output data frames.	Even	
		Odd	
		None*	
		Ignore	
Honor DSR	Determines whether the MFP uses the Data Set Ready (DSR) signal. DSR is one of the handshaking signals for most serial interface cables. The serial interface uses DSR to distinguish data sent by the computer from data created by electrical noise in the serial cable. This electrical noise can cause stray characters to print. Select On to prevent stray characters from printing.	Off*	All data received by the serial port is treated as valid data.
		On	Only data received while the DSR signal is high is treated as valid.

NetWare

Use these menu items to view or change the printer NetWare settings.

Menu item	Purpose	Values and descriptions	
Login Name	Shows the field used to assign the NetWare login name.	text entry Enter the Login Name. Thereafter, select Login Name to show the NetWare name on the control panel.	
Print Mode	Assigns the NetWare print mode.	Pserver* Rprinter	

Network/Ports

Menu item	Purpose	Values and descriptions	
Network Number	Shows the field used to assign the NetWare number.	text entry Enter the Netware number. Thereafter, select View Network Number to show the NetWare network number on the control panel.	
Activate	Activates or deactivates the NetWare feature.	Off On*	Off—Deactivates the NetWare feature. On—Activates the NetWare feature.
Ethernet 802.2	Sets the Ethernet 802.2 value On or Off.	On* Off	IPX Frame Types, which allow the adapter to initiate conversations, are used.
Ethernet 802.3	Sets the Ethernet 802.3 value On or Off.	On* Off	
Ethernet Type II	Sets the Ethernet Type II value On or Off.	On* Off	
Ethernet SNAP	Sets the Ethernet SNAP value On or Off.	On* Off	
Packet Burst	Sets the Packet Burst value On or Off.	On Off*	
NSQ/GSQ Mode	Sets the NSQ/GSQ Mode value On or Off.	On Off*	This is the broadcast search method on the Web pages.

AppleTalk

Use these menu items to view or change the printer AppleTalk settings.

Menu item	Purpose	Values and descriptions	
Name	Shows the assigned AppleTalk name.	Select Name to show the AppleTalk name on the control panel.	
Address	Shows the assigned AppleTalk address.	Select Address to show the AppleTalk address on the control panel.	
Activate	Activates or deactivates the AppleTalk feature.	Off On*	Off—Deactivates the AppleTalk feature. On—Activates the AppleTalk feature.
Set Zone	Provides a list of zones from network.	* list of zones from the network	The default is default zone for the network. If no default zone exists on the network, the * is the default.

Settings

LexLink

Use these menu items to view the LexLink name or change the LexLink activation.

Menu item	Purpose	Values and descriptions	
Nickname	Shows the field used to assign the LexLink nickname.	text entry Enter the nickname. Thereafter, select Nickname to show the LexLink nickname on the control panel.	
Activate	Activates or deactivates the LexLink feature.	On* Off	On—Activates the LexLink feature. Off—Deactivates the LexLink feature.

Settings

General Settings

Use these menu items to set various MFP settings.

Menu item	Purpose	Values and descriptions	
Display Language	To determine the language of the text on the control panel LCD.	English*	(English)
		Français	(French)
		Deutsch	(German)
		Italiano	(Italian)
		Español	(Spanish)
		Dansk	(Danish)
		Norsk	(Norwegian)
		Nederlands	(Dutch)
		Svenska	(Swedish)
		Português	(Brazilian-Portuguese)
		Suomi	(Finnish)
		Русский	(Russian)
		Polski	(Polish)

Settings

Menu item	Purpose	Values and descriptions	
Keyboard Type	Specifies the type of virtual alphanumeric keyboard that appears on the control panel.	English*	(English)
		Français	(French)
		Français Canadien	(French-Canadian)
		Deutsch	(German)
		Italiano	(Italian)
		Español	(Spanish)
		Dansk	(Danish)
		Norsk	(Norwegian)
		Nederlands	(Dutch)
		Svenska	(Swedish)
		Suomi	(Finnish)
		Português	(Brazilian-Portuguese)
		Русский	(Russian)
Polski	(Polish)		
General Defaults	Specifies the defaults based on geographical location.	U.S.	Setting the menu item to one of the values affects these settings: <ul style="list-style-type: none"> • Tray <x> (where x is the number of the tray), MP Feeder, and Manual Pap (Letter/A4) • Manual Env (10 Envelope, DL Envelope) • MP Feeder Paper Size • Copy Original Size • Fax Send Original Size • E-mail Original Size • FTP Original Size • Universal Units of Measure (mm/inches) • Date Time Format <ul style="list-style-type: none"> – MM_DD_YYYY for U.S. – DD_MM_YYYY for International
		International	
Show initial prompts	Sets the MFP to show initial prompts after the device is powered on so the user can complete the setup.	Yes* No	When the MFP is powered on the first time, the default is Yes. After the user completes the setup wizard and selects Done at the Country select screen, the default is No.
Mixed Sizes	MFP accepts mixed sizes.	Letter/Legal (US) A4/A5 (non-US)	
Date Format	Specifies the format based on the geographical location.	MM-DD-YYYY* DD-MM-YYYY* YYYY-MM-DD	Month, Day, and Year (U.S.) Day, Month, Year (International) (* Denotes a country/region-specific factory default value)
Time Format	Specifies if the format is for a 12-hour clock or for a 24-hour clock.	12 hour A.M./P.M. 24 hour clock	12 A.M.–12 P.M., 12:01 P.M.–11:59 P.M. 00:00–24:00
Screen Brightness	Adjusts the brightness of the LCD on the control panel.	5–100 (100*)	

Settings

Menu item	Purpose	Values and descriptions	
Show Bookmarks		Yes* No	When set to No, the Bookmarks container is not shown in Held Jobs.
Allow Custom Job scans	Controls the show and hide function for the Custom Job setting and the Custom Job scanning settings for each function. The Custom Job scanning settings set the default values for Custom Job for each function. They are not shown if custom jobs are not allowed. This function is also known as Job Build. Custom Job is not supported on all models.	Yes* No	This menu item controls hide or show for the user interface Custom Job setting as well as the Custom Job scanning settings for each function. The Custom Job scanning settings set the default values for Custom Job for each function.
Scanner jam recovery	Determines if the MFP recovers an entire print job or just the page of the print job when a scanner jam occurs.	Job level*	Custom jobs may not recover at the job level.
		Page level	Custom jobs always recover at the page level.
Web Page Refresh Rate		30–300 (120*)	Range is in seconds.
Contact Name		text field NULL*	
Location		text field NULL*	
LAA	Allows the system support person to change the network interface hardware address, so it is a locally administered address (LAA).	text field (000000000000*)	Valid entries for the text field must be numerals only.
Alarms Controls whether the MFP sounds an alarm when the device requires operator intervention.		Alarm Control Off Single* Continuous	Alarm Control sets the function of each alarm. Off–MFP does not sound an alarm. Single–MFP sounds three quick beeps. Continuous–MFP repeats three beeps every 10 seconds. Toner Alarm activates when the print cartridge or a toner cartridge is low on toner. Staple Alarm activates when the staple cartridge is low on staples. Hole Punch Alarm activates when the hole punch container is nearing full. Note: Staple Alarm appears only when an optional finisher is installed. Hole Punch Alarm appears only when an optional finisher and hole punch are installed.
		Toner Alarm Off* Single Continuous	
		Staple Alarm Off* Single Continuous	
		Hole Punch Alarm Off* Single Continuous	

Settings

Menu item	Purpose	Values and descriptions	
Timeouts	<p>Specifies the amount of time the MFP waits to return to the home screen, receive an end-of-job message, or receive additional bytes of data from the computer.</p> <p>Note: Wait Timeout is only available when using PostScript emulation. This menu value has no effect on PCL emulation print jobs.</p>	Standby Mode Disabled 1–240 (15*)	<p>Touch the LCD screen or press any of the hard buttons to exit (wake up) from this mode.</p> <p>Disabled—Disables Standby Mode.</p> <p>1–240—Specifies the amount of time in minutes that the MFP waits before returning to the home screen.</p>
		Power Saver Mode Disabled 2–240 (60*)	<p>It sets the number of minutes that pass after exiting Standby Mode before the MFP goes into a reduced power state called Power Saver Mode.</p> <p>If Standby Mode is disabled, which is considered a setting of 0, then Power Saver Mode is the number of minutes of inactivity that occurs before entering Power Saver Mode.</p> <p>Print the menu settings page to determine the current Power Saver setting. When the MFP is in Power Saver Mode, it is still ready to receive print jobs.</p> <p>Disabled—Disables Power Saver Mode. Disabled is not available if Energy Conserve is set to On.</p> <p>2–240 (60*)—Specifies the amount of time after exiting Standby Mode or after finishing a print job before the MFP goes into Power Saver mode.</p> <p>For example, select 15 to put the MFP in Power Saver mode 15 minutes after it finishes a print job. This uses much less energy, but requires more warm-up time for the MFP. Select 15 if your MFP shares an electrical circuit with room lighting and you notice lights flickering. Select a high value if the MFP is in constant use. Under most circumstances, this keeps the MFP ready to print with minimum warm-up time. Select a value between 1 and 240 minutes for a balance between energy consumption and a shorter warm-up period.</p> <p>Note: When the MFP enters Power Saver Mode, for the entire duration in this mode, Screen Brightness is set to 15. Touch the LCD screen or press any of the hard buttons to exit (wake up) from this mode.</p>
		Screen Timeout 15–300 (30*)	<p>Disabled—Disables Screen Timeout.</p> <p>15–300—Specifies the amount of time in seconds before the control panel returns to the home screen due to inactivity.</p>

Settings

Menu item	Purpose	Values and descriptions	
Timeouts (continued)		Print Timeout Disabled 1–255 (90*)	Disabled—Disables Print Timeout. 1–255—Specifies the amount of time the MFP waits for an end-of-job message before canceling the remainder of the print job. Note: When the timer expires, any partially formatted page still in the MFP is printed, and other input ports are examined to see if data exists.
		Wait Timeout Disabled 15...65535 (40*)	Disabled—Disables Wait Timeout. 15...65535—Specifies the amount of time the MFP waits for additional data before it cancels the job.
Print Recovery	Specifies whether the MFP continues from certain offline situations, reprints jammed pages, or waits until the entire page is processed and ready to be printed.	Auto Continue Disabled* 5–255	Lets the MFP automatically continue from certain offline situations when not resolved within the specified time period. Disabled—Disables Auto Continue. 5–255—Specifies the amount of time in seconds that the MFP waits.
		Jam Recovery On Off Auto*	Specifies whether the MFP reprints jammed pages. On—The printer reprints jammed pages. Off—The printer does not reprint jammed pages. Auto—The printer reprints a jammed page unless the memory required to hold the page is needed for other MFP tasks.
		Page Protect Off* On	Successfully prints a page that may otherwise generate Complex Page errors. Off—Prints a partial page of data if memory is insufficient to process the entire page. On—Ensures that an entire page is processed before it prints. Note: If, after selecting On, the page still cannot print, reduce the size and number of fonts on the page, or increase the installed printer memory. Note: For most print jobs, On is not needed. When On is selected, printing may be slower.
Printer Language	Specifies the default printer language used to communicate data from the computer to the MFP. Note: This menu item is not available from the control panel. It is only available on the MFP Embedded Web Server. Setting a printer language as the default does not prevent a software application from sending print jobs that use the other language.	PCL Emulation PS Emulation*	PCL emulation—Uses a PCL interpreter for incoming host communications. PostScript emulation—Uses a PS interpreter for incoming host communications.

Settings

Menu item	Purpose	Values and descriptions	
Print Area	<p>Modifies the logical and physical printable area.</p> <p>Note: This menu item is not available from the control panel. It is only available on the MFP Embedded Web Server.</p>	Normal* Whole Page	<p>Note: The Whole Page setting only affects pages printed using PCL 5 interpreter. This setting has no effect on pages printed using the PCL XL or PostScript interpreters. If attempting to print any data in the non-printable area defined by Normal Print Area, the MFP clips the image at the boundary defined by the Normal defined printable area.</p>
Download Target	<p>Specifies the storage location for downloaded resources.</p> <p>Storing downloaded resources in flash memory or on a hard disk is permanent storage rather than the temporary storage that RAM provides. The resources remain in the flash memory or on the hard disk even when the MFP is turned off.</p> <p>Note: This menu item is not available from the control panel. It is only available on the MFP Embedded Web Server.</p>	RAM*	<p>All downloaded resources are automatically stored in printer memory (RAM).</p>
		Flash	<p>All downloaded resources are automatically stored in flash memory.</p> <p>Note: Flash appears as a menu item if a formatted, nondefective optional flash memory card which is not Write or Read/Write password protected is installed.</p>
		Disk	<p>All downloaded resources are automatically stored on the hard disk.</p> <p>Note: Disk appears as a menu item if a formatted, nondefective hard disk which is not Write or Read/Write password protected is installed.</p>
Job Accounting	<p>Specifies to store or not store statistical information about the most recent print jobs on the hard disk. The statistics include whether the job printed with or without errors, the print time, the job size (in bytes), the requested print media size and type, the total number of printed pages, and the number of copies requested.</p> <p>Note: This menu item is not available from the control panel. It is only available on the MFP Embedded Web Server.</p>	Off*	MFP does not store job statistics on the hard disk.
		On	MFP stores job statistics for the most recent print jobs.
Resource Save	<p>Specifies what the MFP does with downloaded resources, such as fonts and macros stored in RAM, if the MFP receives a job that requires more memory than is available.</p> <p>Note: This menu item is not available from the control panel. It is only available on the MFP Embedded Web Server.</p>	Off*	MFP retains downloaded resources only until memory is needed. It then deletes those resources associated with the inactive printer language.
		On	MFP retains all downloaded resources for all printer languages during language changes and MFP resets. If the MFP runs out of memory, 38 Memory Full appears.
Banner Page	<p>Specifies if the print job should be printed as a Banner Page.</p> <p>Note: This menu item is not available from the control panel. It is only available on the MFP Embedded Web Server.</p>	Off* On	<p>To set to Off, clear the check box.</p> <p>To set to On, select the check box.</p>

Settings

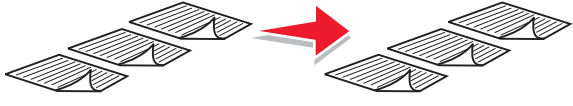
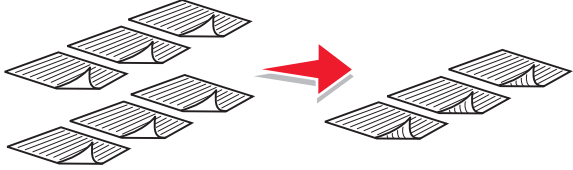
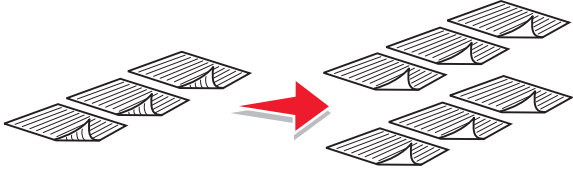
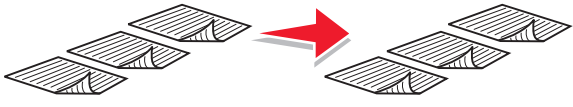
Menu item	Purpose	Values and descriptions	
Factory Defaults	Returns MFP settings to the factory default values.	Restore Now	User-defined settings remain.
		Do Not Restore*	<ul style="list-style-type: none"> • All menu items are returned to the factory default values except: <ul style="list-style-type: none"> – Display Language. – All settings in the Fax, E-mail, and FTP Settings menu items, the Standard Parallel and Parallel <x> menu items, the Standard Serial and Serial <x> menu items, the Standard Network and Network <x> menu items, and the Standard USB and USB <x> menu items. • All downloaded resources (fonts, macros, and symbol sets) in printer memory (RAM) are deleted. (Resources residing in flash memory or on the hard disk are unaffected.)

Copy Settings

Use these menu items to set the MFP for settings related to copying.

Menu item	Purpose	Values and descriptions	
Content	Specifies the type of content contained in the copy job.	Text	The copy job contains mostly text or line art.
		Text/Photo*	The copy job contains a mixture of text and graphics.
		Photograph	The copy job is a high quality photograph or high quality inkjet print that is primarily composed of images.
		Printed image	The copy job is halftoned, such as documents printed on a laser printer or pages from a magazine that are primarily composed of images. A <i>halftone</i> is a collection of black and white dots arranged to simulate the brightness values of grayscale images.

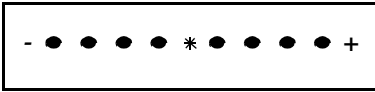

Settings

Menu item	Purpose	Values and descriptions	
Duplex	<p>To specify if an original document is duplex (two-sided) or simplex (one-sided) when making a copy based on whether the sheets in the original document are simplex or duplex.</p> <p>The orientation of each sheet defaults to portrait. The binding defaults to long edge. See Duplex Bind on page 68 for information on long edge binding.</p>	1 sided to 1 sided*	<p>The original draft placed in the ADF has printing on one side of a sheet of paper. The requested copy is one-sided, so each copied sheet only has an image on one side of the sheet. The copy mimics the original exactly.</p> 
		1 sided to 2 sided	<p>The original draft has printing on one side of a sheet of paper. The requested copy is two-sided, so an image of an original page is placed on each side of a copied sheet. For example, if the original is ten sheets, the copy is five sheets with printing on both sides.</p> 
		2 sided to 1 sided	<p>The original draft has printing on both sides of a sheet of paper. The requested copy is one-sided, so each copied sheet only has an image on one side of the sheet. For example, if the original draft is five sheets of paper with an image on each side of each sheet, then the copy is ten sheets with only one image on one side of each sheet.</p> 
		2 sided to 2 sided	<p>The original draft placed in the ADF has printing on both sides of a sheet. The requested copy of the original is two-sided, also. The copy mimics the original exactly.</p> 
Paper Saver	<p>Specifies how many images of pages from a print job to place on one printed page of print media.</p>	Off*	Places the image of one page from the print job onto one printed page.
		2 on 1 Portrait	Places the images of two pages from the print job onto one printed page with portrait orientation.
		2 on 1 Landscape	Places the images of two pages from the print job onto one printed page with landscape orientation.
		4 on 1 Portrait	Places the images of four pages from the print job onto one printed page with portrait orientation.
		4 on 1 Landscape	Places the images of four pages from the print job onto one printed page with landscape orientation.

Settings

Menu item	Purpose	Values and descriptions	
Print Page Borders	Specifies if a border is printed around the edge of the page at the margins.	On*	A page border prints when Paper Saver is set to 2 on 1 Portrait, 2 on 1 Landscape, 4 on 1 Portrait, or 4 on 1 Landscape.
		Off	A page border does not print.
Collate	To keep the pages of a print job stacked in sequence when making multiple copies of the job.	On*	Copies the entire job the number of times specified. For example, if you set Copies to 2 and have three pages to copy, the MFP output is page 1, page 2, page 3, page 1, page 2, page 3.
		Off	Copies each page of a job the number of times specified. For example, if you set Copies to 2 and have three pages to copy, the MFP output is page 1, page 1, page 2, page 2, page 3, page 3.
Original Size	Provides a list of possible scanner sizes to select from to specify the size of the original copy document.	Letter (8.5 x 11 in.)* Legal (8.5 x 14 in.) Executive (7.25 x 10.5 in.) Tabloid (11 x 17 in.) Folio (8.5 x 13 in.) Statement (5.5 x 8.5 in.) A3 (297 x 420 mm) A4 (210 x 297 mm)* A5 (148 x 210 mm) JIS-B4 (257 x 364 mm) JIS-B5 (182 x 257 mm) Book Original Auto Size Sense Mixed Sizes	(* Denotes a country/region-specific factory default value) Auto Size Sense determines a single size for a job. When the MFP is unable to determine a size, the user is prompted to determine the size of the scan window. A default size needs to be pre-selected on the LCD.
Copy To Source	Provides a list of possible print media sources to send the copy job to for printing.	Tray 1* MP Feeder Tray 2	Tray 2 is not listed as a selection in the values list unless an optional drawer is installed. An envelope feeder cannot be a value even if one is installed.
Transparency Separators	Places a sheet of paper between transparencies.	On* Off	Select On to have sheets placed between transparencies. Select Off to not have sheets placed between transparencies.
Separator Sheets	Places a sheet of paper between pages, copies, or jobs based on the value selected.	None* Between Copies Between Jobs Between Pages	

Settings

Menu item	Purpose	Values and descriptions	
Separator Source	Provides a list of possible print media sources where the separator sheets could be accessed.	Tray 1* MP Feeder Tray 2	Tray 2 is not listed as a selection in the values list unless an optional drawer is installed. An envelope feeder cannot be a value even if one is installed.
Darkness	Specifies the level of darkness for the copy job.	1–9 (5*)	A graphic representation depicts the values. As the right or left scroll button is touched, the asterisk moves back and forth on the line. 1 is next to the - and 9 is next to the +. As shown, 5 is the current value. 
Output Bin	Specifies which output bin accepts the exiting copy job. Note: This menu item only appears if one optional output bin is installed.	Standard Bin* Bin 1 Bin 2	
Number of Copies	Specifies the number of copies for the copy job.	1–999 (1*)	
Overlay	Specifies the selection for overlay text to print on each page of the copy job. The overlay looks similar to the following on a page: 	Confidential Copy Draft Urgent Custom Off*	The Custom value is not shown unless text is entered into the Custom Overlay text field from the EWS page. The text used for the overlay is what the user entered on the EWS page, but Custom must be selected in the menu for the text to be printed as an overlay on each page.
Custom Overlay	Specifies a custom overlay.	text entry field	Use the text entry field to specify a custom overlay. The field has a 64-character limit.
Allow priority copies	Allows interruption to a network print job, so the MFP may be used as a copier to copy a page or document.	On*	Interrupts the print job at the next page.
		Off	Interrupts the print job at the next job boundary which means between incoming individual print jobs.
Custom Job scanning	Specifies if Custom Job scanning is On or Off. This is also known as Job Build. Custom Job is not supported on all models.	On Off*	To set to On, select the check box. To set to Off, clear the check box.
Background Removal	Adjusts the amount of background visible on a copy.	-4 to +4 (0*)	-4 sets Background Removal to off. +4 sets Background Removal to the maximum allowed.

Settings

Menu item	Purpose	Values and descriptions	
Contrast	Specifies the contrast used for the copy job. The default is dependent on the Content menu item. If the Content menu item is reset from the default setting, then the default for Contrast is reset, also.	0–5	Text default is 5. The default is 0 for items other than text.
Shadow Detail	Adjusts the amount of shadow detail visible on a copy.	-4 to +4 (0*)	-4 preserves the least amount of shadow detail. +4 preserves the most shadow detail.
Scan edge to edge	Specifies if the original document is scanned edge-to-edge prior to making copies.	Off* On	

Fax Settings

Use these menu items to set the MFP for settings related to faxing.

Menu item	Purpose	Values and descriptions	
Fax Mode	Sets which fax method or mode is used.	Analog Fax Server	If the MFP does not have a modem, this menu item does not appear.
Analog Fax Setup	Specifies the link to analog fax setup. With analog fax, the fax method is by a telephone line.	link	If the MFP does not have a modem, Fax Setup link does not appear.
Fax Server Setup	Specifies the link for fax server setup. The fax job is sent to a fax server for transmission.	link	

Analog Fax Setup

With analog fax, the fax method is by a telephone line. Use the following menu items to set up analog fax.

Settings

General Fax Settings

Menu item	Purpose	Values and descriptions	
Station Name	Specifies the name of the fax within the MFP. The name could be a person's name or the name of a company.	text entry field	The text entry field is limited to eight characters. Enter the name in the provided field using the virtual alphanumeric keyboard screen. See Virtual alphanumeric keyboard on page 53 .
Station Number	Specifies the fax phone number.	limited text entry field	Text entry characters are limited to: 0–9, (,), ., +, -, and a space.
Station ID		Station Name Station Number	
Enable Manual Fax	Sets the MFP to manual fax only which requires a line splitter and a telephone hand set. Use a regular telephone to answer an incoming fax job and to dial a fax number. Note: Touch # 0 on the numeric keypad to go directly to the Manual Fax function.	On Off*	
Memory Use	Defines the amount of non-volatile memory used in relation to fax for a fax job. The default setting splits an equal amount of memory between sending and receiving fax jobs. However, when one of the values is set, then the memory is not set equally.	All receive	All the memory is set to receive fax jobs.
		Mostly receive	Most of the memory is set to receive fax jobs.
		Equal*	Splits the memory for sending and receiving fax jobs into equal amounts.
		Mostly sent	Most of the memory is set to send fax jobs.
		All send	All the memory is set to send fax jobs.
Cancel Faxes	Sets the MFP to have the option of canceling fax jobs. If this is not allowed, the Cancel Faxes menu item is hidden and does not appear on the control panel.	Allow*	Allows fax job cancelation. Causes the Fax column to appear on the Cancel Jobs screen.
		Don't Allow	Canceling fax jobs is not allowed since the Cancel Faxes menu item does not appear.

Settings

Virtual alphanumeric keyboard



Settings

Fax Send Settings

Menu item	Purpose	Values and descriptions	
Resolution	To define quality in dots per inch (dpi). A higher resolution gives greater print quality, but it increases the fax transmission time for outgoing faxes.	Standard* Fine Super Fine Ultra Fine	
Original Size	Provides a list of possible scanner sizes to select from to specify the size of the original copy document.	Letter (8.5 x 11 in.)* Legal (8.5 x 14 in.) Executive (7.25 x 10.5 in.) Tabloid (11 x 17 in.) Folio (8.5 x 13 in.) Statement (5.5 x 8.5 in.) A3 (297 x 420 mm) A4 (210 x 297 mm)* A5 (148 x 210 mm) JIS-B4 (257 x 364 mm) JIS-B5 (182 x 257 mm) Book Original Auto Size Sense Mixed Sizes	(* Denotes a country/region-specific factory default value) 8.5 in. supports Mixed Sizes.
Duplex	Sets duplex scanning (two-sided scanning) either on or off for outgoing fax jobs.	Off*	The fax job is not set for duplex printing.
		Long edge	The long end of the page (left edge is for portrait orientation and top edge for landscape orientation). See Duplex Bind on page 68 for more information.
		Short edge	The short edge of the page (top edge for portrait orientation and left edge for landscape orientation). See Duplex Bind on page 68 for more information.
Content	Specifies the type of content contained in the fax job.	Text*	The fax job contains mostly text or line art.
		Text/Photo	The fax job contains a mixture of text and images.
		Photo	The fax job contains only images.
Darkness	Specifies the level of darkness for the fax job.	1–9 (5*)	<p>A graphic representation depicts the values. As the right or left scroll button is touched, the asterisk moves back and forth on the line. 1 is next to the - and 9 is next to the +. As shown, 5 is the current value.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> - ● ● ● ● ● * ● ● ● ● ● + </div>

Settings

Menu item	Purpose	Values and descriptions	
Dial Prefix	A numeric entry field is provided to enter numbers. The previously entered numbers are shown. The dial prefix could be a country code or a code businesses use to dial an outside line.	Number string	The entry field is limited to 16 characters. Text entry characters are limited to: 0–9, (,), ., +, -, and a space.
Automatic Redial	Specifies the number of times the MFP automatically tries to send the fax job again by resubmitting the Fax To number.	0–9 (5*)	
Redial Frequency	Select a range in minutes for the number of redials to occur in that time span.	1–200 (3*)	
Behind a PABX	Enables or disables switchboard blind dialing without a dial tone.	Yes	Do not wait for a dial tone.
		No*	Wait for a dial tone.
Enable ECM	Enables Error Correction Mode for fax jobs, which makes faxing more reliable.	Yes*	ECM is enabled.
		No	ECM is disabled.
Enable Fax Scans	Allows sending faxes by scanning at the MFP.	On*	Fax scans are enabled.
		Off	Fax scans are disabled.
Driver to Fax	Allows driver to fax jobs to be sent by the MFP.	On*	Driver to fax jobs can be sent.
		Off	Driver to fax jobs cannot be sent. Driver to fax jobs are treated like PostScript jobs.
Allow Save as Shortcut	Allows for saving fax numbers as shortcuts in the MFP.	Yes*	A Save as Shortcut button appears on the screen.
		No	A Save as Shortcut button does not appear on the Fax Destination screen.
Dial Mode	Specifies the dialing sound, either as a tone or a pulse. Note: This menu item may not be available in all countries or regions.	Tone*	A tone sounds for each number dialed.
		Pulse	A pulsating noise sounds for each number dialed.
Custom Job scanning	Allows for scanning of custom fax jobs. This is also known as Job Build. Custom Job is not supported on all models.	On Off*	To set to On, select the check box. To set to Off, clear the check box.
Background Removal	Adjusts the amount of background visible on a copy.	-4 to +4 (0*)	-4 sets Background Removal to off. +4 sets Background Removal to the maximum allowed.
Contrast	Specifies the contrast used for the scan job. The default is dependent on the Content menu item. If the Content menu item is reset from the default setting, then the default for Contrast is reset also.	0–5	Text default is 5. The default is 0 for items other than text.

Settings

Menu item	Purpose	Values and descriptions	
Shadow detail	Adjusts the amount of shadow detail visible on a copy.	-4 to +4 (0*)	-4 preserves the least amount of shadow detail. +4 preserves the most shadow detail.
Scan edge to edge	Specifies if the original document is scanned edge-to-edge prior to sending the fax job.	Off* On	

Fax Receive Settings

Menu item	Purpose	Values and descriptions	
Enable Fax Receive	Allows fax jobs to be received by the MFP.	Yes*	Fax jobs can be received.
		No	Fax jobs cannot be received.
Rings to Answer	The MFP rings a set number of times to indicate an incoming fax job.	1–25 (1*)	
Auto Reduction	Scales an incoming fax job so it fits the size of the print media loaded in the designated fax source. See Paper Source as follows for more information.	On*	Scales the incoming fax.
		Off	Does not scale the incoming fax.
Paper Source	Specifies the print media source selected to supply print media for the MFP to print an incoming fax.	Auto*	The print media source is automatically selected by the MFP.
		Tray <x>	Tray <x> or the standard tray is the specified print media source, where <x> is the number of the tray.
		MP Feeder	The multipurpose feeder is the specified print media source.
		Tray <x> (if an optional drawer is installed)	Tray <x>, which can be any optional drawer, is the specified print media source, where <x> is the number of the tray in the drawer.
Duplex	Sets duplex printing (two-sided printing) either on or off for incoming fax jobs. This menu item appears if an optional duplex unit is installed or if the MFP model has an internal duplex unit.	On	The incoming fax is a duplex job.
		Off*	The incoming fax is not a duplex job.
Fax Footer	Prints the transmission information at the bottom of each page from a received fax.	On* Off	Select On for the footer to print. Select Off to not print the footer.

Settings

Fax Log Settings

Menu item	Purpose	Values and descriptions	
Transmission Log	Selects whether the MFP prints a log with details about the fax job sent. If the fax job failed to send, the header on the page reads "Fax Failed" instead of "Transmission Log."	Print Always*	The MFP prints a page indicating information about the fax job sent which includes the fax number and the time the fax job was sent.
		Print Never	The MFP never prints the log.
		Print on Error	The MFP prints a page with information if the fax job failed to be sent.
Receive Error Log	Sets the MFP to print a log of received fax jobs for each one that had an error when it was received.	Print Never*	The MFP never prints a log.
		Print on Error	The MFP prints a log.
Auto Print Logs	Specifies that a log prints after 45 fax jobs have been sent or received.	On*	The MFP prints a log of sent or received fax jobs.
		Off	The MFP does not print a log of sent or received fax jobs.
Log Paper Source	Specifies the print media source selected to supply print media for the MFP to print a log of all sent and received faxes. Envelopes do not apply. Note: This menu item applies to all scan functions.	Tray 1*	Tray 1 or the standard tray is the specified print media source.
		MP Feeder	The multipurpose feeder is the specified print media source.
		Tray 2 (if an optional drawer is installed)	Tray 2, which is an optional drawer, is the specified print media source.
Logs Display	Specifies if a send log shows a dialed phone number or a remote station name.	Remote Station Name*	Shows the remote station name of a fax job in the log.
		Dialed Phone Number	Shows the phone number of a fax job in the log.
Enable Job Log	Sets the MFP to track the most recent fax jobs.	Yes*	The MFP does track fax jobs.
		No	The MFP does not track fax jobs.
Enable Call Log	Sets the MFP to track the most recent fax calls.	Yes*	The MFP does track fax calls.
		No	The MFP does not track fax calls.
Log Output Bin	Specifies the output bin that accepts the printed fax log. The menu item only appears when one optional output bin is installed.	A list of available output bins is shown as values, such as Bin 1, Bin 2, and so on based on the number of bins installed.	

Settings

Speaker Settings

Menu item	Purpose	Values and descriptions	
Speaker Mode	Specifies how long the speaker remains on.	Always Off	The speaker is set off.
		On until Connected*	The speaker is on and issues a noise until the fax connection is made.
		Always On	The speaker is set on.
Speaker Volume	Specifies the volume setting.	High*	The speaker volume is high.
		Low	The speaker volume is low.
Ringer Volume	Sets the MFP fax speaker ringer volume.	Off	The speaker volume is off.
		On*	The speaker volume is on.

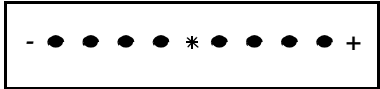
Distinctive Ring Settings

Menu item	Purpose	Values and descriptions	
Single Ring	Answers calls with a one ring pattern.	On*	The one ring pattern is set on.
		Off	The one ring pattern is set off.
Double Ring	Answers calls with a double ring pattern.	On*	The double ring pattern is set on.
		Off	The double ring pattern is set off.
Triple Ring	Answers calls with a triple ring pattern.	On*	The triple ring pattern is set on.
		Off	The triple ring pattern is set off.

Fax Server Setup

Menu item	Purpose	Values and descriptions	
To format		text entry field	Use [#] for the fax number. For example: [x]@fax.thecompany.com
Reply Address		text entry field	This field is required.
Subject		text entry field	
Message		text entry field	The text entry field is limited to 512 characters.
Primary SMTP Gateway		value in text	Links to a Primary SMTP Gateway in E-mail Server Setup in Network/Ports .
Secondary SMTP Gateway		value in text	Links to a Secondary SMTP Gateway in E-mail Server Setup in Network/Ports .
Image Format	Specifies the format of the file to be faxed.	PDF* TIFF	Portable Document Format Tagged Image File Format

Settings

Menu item	Purpose	Values and descriptions	
Content	Specifies the type of content contained in the fax job.	Text*	The fax job contains mostly text or line art.
		Text/Photo	The fax job contains a mixture of text and images.
		Photo	The fax job contains only images.
Fax Resolution	Defines quality in dots per inch (dpi). A higher resolution gives greater print quality, but it increases the fax transmission time for outgoing faxes.	Standard Fine Super Fine Ultra Fine	<i>Standard</i> is suitable for most documents. Use <i>Fine</i> for documents with small print. Use <i>Super fine</i> for documents with fine detail. Use <i>Ultra</i> fine for documents with graphics or photographs.
Darkness	Specifies the level of darkness for the fax job.	1–9 (5*)	A graphic representation depicts the values. As the right or left scroll button is touched, the asterisk moves back and forth on the line. 1 is next to the - and 9 is next to the +. As shown, 5 is the current value. 
Orientation	Determines how text and graphics are oriented on the page for the fax job.	Portrait*	Text and graphics are parallel to the short edge. See Duplex Bind on page 68 for more information about short edge.
		Landscape	Text and graphics are parallel to the long edge. See Duplex Bind on page 68 for more information about long edge.
Original Size	Provides a list of possible scanner sizes to select from to specify the size of the original scanned document for faxing.	Letter (8.5 x 11 in.)* Legal (8.5 x 14 in.) Executive (7.25 x 10.5 in.) Tabloid (11 x 17 in.) Folio (8.5 x 13 in.) Statement (5.5 x 8.5 in.) A3 (297 x 420 mm) A4 (210 x 297 mm)* A5 (148 x 210 mm) JIS-B4 (257 x 364 mm) JIS-B5 (182 x 257 mm) Book Original Auto Size Sense Mixed Sizes	(* Denotes a country/region-specific factory default value) 8.5 in. supports Mixed Sizes.
Use Multi-page TIFF	Indicates that the jobs are multiple-page Tagged Image File Format jobs. This menu item applies to all scan functions.	Yes*	Multiple-page TIFF files are created. Select the check box to turn it on.
		No	One single TIFF file is created for each page. Clear the check box to turn it off.

Settings

E-mail Settings

Menu item	Purpose	Values and descriptions	
E-mail Server Setup		See E-mail Server Setup on page 30.	
Format	Specifies the format of the file to be scanned.	PDF*	Portable Document Format
		JPEG	Joint Photographic Experts Group
		TIFF	Tagged Image File Format
PDF version	Sets the version of an Adobe Acrobat PDF file that is sent. This menu item applies to all scan functions.	1.2 1.3 1.4 1.5 1.6	
Content	Specifies the type of content contained in the e-mail.	Text	The e-mail job contains mostly text or line art.
		Text/Photo*	The e-mail job contains a mixture of text and images.
		Photo	The e-mail job contains only images.
Color	Specifies if the MFP recognizes a color image in the e-mail or sees the color image in gray shades.	Gray*	Does not send a color image in the e-mail job.
		Color	Sends the e-mail job with a color image enclosed.
Resolution	Specifies the resolution of the e-mail in dots per inch (dpi). Resolution is limited by the value set for the Color menu item. If set to Color and Resolution is set to 400 or 600 dpi, the configuration is allowed, but it is not seen in the normal workflow, so the combinations are invalid. The resolution is reduced to 300 dpi.	75 dpi 150 dpi 200 dpi 300 dpi 400 dpi 600 dpi	75–600 dpi are available for Gray. 75–300 are available for Color. See Color listed previously.
Darkness	Specifies the level of darkness for the e-mail as a graphic representation of a page that uses a fill pattern to indicate various levels from light (1) to dark (9).	1–9 (5*)	Specifies the level of darkness for the e-mail. A graphic representation depicts the values. As the right or left scroll button is touched, the asterisk moves back and forth on the line. 1 is next to the - and 9 is next to the +. As shown, 5 is the current value. <div style="border: 1px solid black; padding: 5px; text-align: center; width: fit-content; margin: 0 auto;"> - ● ● ● ● * ● ● ● ● + </div>

Settings

Menu item	Purpose	Values and descriptions	
Orientation	To specify the default orientation of the document to be sent in the scan job.	Portrait*	Sends the original document as portrait for the scan job, which means text and graphics are parallel to the short edge. See Duplex Bind on page 68 for more information about short edge.
		Landscape	Sends the original document as landscape for the scan job, which means text and graphics are parallel to the long edge. See Duplex Bind on page 68 for more information about long edge.
Original Size	Provides a list of possible scanner sizes to select from to specify the size of the original document to be scanned.	Letter (8.5 x 11 in.)* Legal (8.5 x 14 in.) Executive (7.25 x 10.5 in.) Tabloid (11 x 17 in.) Folio (8.5 x 13 in.) Statement (5.5 x 8.5 in.) A3 (297 x 420 mm) A4 (210 x 297 mm)* A5 (148 x 210 mm) JIS-B4 (257 x 364 mm) JIS-B5 (182 x 257 mm) Book Original Auto Size Sense Mixed Sizes	(* Denotes a country/region-specific factory default value)

Settings

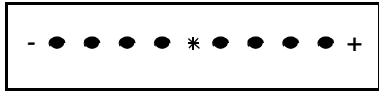
Menu item	Purpose	Values and descriptions	
Duplex	Sets duplex scanning (two-sided scanning) either on or off for e-mails.	Off*	The e-mail job is not set for duplex printing.
		Long edge	The long end of the page (left edge is for portrait orientation and top edge for landscape orientation). See Duplex Bind on page 68 for more information.
		Short edge	The short edge of the page (top edge for portrait orientation and left edge for landscape orientation). See Duplex Bind on page 68 for more information.
Photo JPEG Quality	Sets the quality of a JPEG photo image in relation to file size and the quality of the image. This menu item applies to all scan functions.	5–90 (50%*)	A 5 setting gives a smaller file size, but the quality of the image is lessened. A 90 setting gives the best quality of the image, but the file size is very large.
JPEG Quality	Sets the quality of a JPEG text or text/photo image in relation to file size and the quality of the image. This menu item applies to Text and Text/Photo, and all scan functions.	5–90 (75%*)	A 5 setting gives a smaller file size, but the quality of the image is lessened. A 90 setting gives the best quality of the image, but the file size is very large.
E-mail images sent as		Attachment* Web Link	
Use multi-page TIFF	Provides a choice between single-page TIFF files and multiple-page TIFF files. For a multiple-page scan to e-mail job, either one TIFF file is created containing all the pages, or multiple TIFF files are created with one file for each page of the job. This menu item applies to all scan functions.	Yes*	Multiple-page TIFF files are created. Select the check box to turn it on.
		No	One single TIFF file is created for each page. Clear the check box to turn it off.
Transmission Log	Specifies when the transmission log prints. The log page is a confirmation that the e-mails transferred successfully.	Print Always*	The e-mail transmission log always prints.
		Print Never	The e-mail transmission log never prints.
		Print on Error	The e-mail transmission log only prints when an error occurs.
Log Paper Source	To select the print media source to supply print media for the MFP to print a log of all sent and received e-mails. Envelopes do not apply. Note: This menu item applies to all scan functions.	Tray 1*	Tray 1 or the standard tray is the specified print media source.
		MP Feeder	The multipurpose feeder is the specified print media source.
		Tray 2 (if an optional drawer is installed)	Tray 2, which is an optional drawer, is the specified print media source.

Settings

Menu item	Purpose	Values and descriptions	
Log Output Bin	Specifies the output bin that accepts the printed e-mail log. The menu item only appears when one optional output bin is installed.	A list of available output bins is shown as values, such as Bin 1, Bin 2, and so on based on the number of bins installed.	
E-mail Bit Depth	Enables the Mixed mode to have smaller file sizes by using 1 bit images when Color is set to Off.	1 bit* 8 bit	
Custom Job scanning	Allows for scanning of custom e-mails. This is also known as Job Build. Custom Job is not supported on all models.	On Off*	To set to On, select the check box. To set to Off, clear the check box.
Allow Save as shortcut	Allows saving of e-mail addresses as shortcuts.	Yes* No	When it is set to No, the Save as Shortcut button does not appear on the E-mail Destination screen.
Background Removal	Adjusts the amount of background visible on a copy.	-4 to +4 (0*)	-4 sets Background Removal to off. +4 sets Background Removal to the maximum allowed.
Contrast	Specifies the contrast used for the e-mail. The default is dependent on the Content menu item. If the Content menu item is reset from the default setting, then the default for Contrast is reset also.	0–5	Text default is 5. The default is 0 for items other than text.
Shadow Detail	Adjusts the amount of shadow detail visible on a copy.	-4 to +4 (0*)	-4 preserves the least amount of shadow detail. +4 preserves the most shadow detail.
Scan edge to edge	Specifies if the original document is scanned edge-to-edge prior to sending the e-mail.	Off* On	

Settings

FTP Settings

Menu item	Purpose	Values and descriptions	
Format		PDF* JPEG TIFF	Portable Document Format Joint Photographic Experts Group Tagged Image File Format
PDF version	Sets the version of an Adobe Acrobat PDF file that is sent. This menu item applies to all scan functions.	1.2 1.3 1.4 1.5* 1.6	
Content	Specifies the type of content contained in the FTP job.	Text	The FTP job contains mostly text or line art.
		Text/Photo*	The FTP job contains a mixture of text and images.
		Photo	The FTP job contains only images.
Color	Specifies if the MFP recognizes a color image in the FTP job or sees the color image in gray shades.	Gray*	Does not send a color image in the FTP job.
		Color	Sends the FTP job with a color image enclosed.
Resolution	Specifies the resolution of the FTP job in dots per inch (dpi). Resolution is limited by the value set for the Color menu item. If set to Color and Resolution is set to 400 or 600 dpi, the configuration is allowed, but it is not seen in the normal workflow, so the combinations are invalid. The resolution is reduced to 300 dpi.	75 dpi 150 dpi 200 dpi 300 dpi 400 dpi 600 dpi	75–600 dpi are available for Gray. 75–300 are available for Color. See Color listed previously.
Darkness	Specifies the level of darkness for the FTP as a graphic representation of a page that uses a fill pattern to indicate various levels from light (1) to dark (9).	1–9 (5*)	Specifies the level of darkness for the FTP. A graphic representation depicts the values. As the right or left scroll button is touched, the asterisk moves back and forth on the line. 1 is next to the - and 9 is next to the +. As shown, 5 is the current value. 
Orientation	To specify the default orientation of the document to be sent in the FTP job.	Portrait*	Sends the original document as portrait for the FTP job which means text and graphics are parallel to the short edge. See Duplex Bind on page 68 for more information about short edge.
		Landscape	Sends the original document as landscape for the FTP job which means text and graphics are parallel to the long edge. See Duplex Bind on page 68 for more information about long edge.

Settings

Menu item	Purpose	Values and descriptions	
Original Size	Provides a list of possible scanner sizes to select from to specify the size of the original document to be scanned.	Letter (8.5 x 11 in.)* Legal (8.5 x 14 in.) Executive (7.25 x 10.5 in.) Tabloid (11 x 17 in.) Folio (8.5 x 13 in.) Statement (5.5 x 8.5 in.) A3 (297 x 420 mm) A4 (210 x 297 mm)* A5 (148 x 210 mm) JIS-B4 (257 x 364 mm) JIS-B5 (182 x 257 mm) Book Original Auto Size Sense Mixed Sizes	(* Denotes a country/region-specific factory default value)
Duplex	Sets duplex printing (two-sided printing) either on or off for FTP jobs. This menu item appears if an optional duplex unit is installed or if the MFP model has an internal duplex unit.	Off*	The FTP job is not set for duplex printing.
		Long edge	The long edge of the page (left edge for portrait orientation and top edge for landscape orientation). See Duplex Bind on page 68 for more information.
		Short edge	The short edge of the page (top edge for portrait orientation and left edge for landscape orientation). See Duplex Bind on page 68 for more information.
Photo JPEG Quality	Sets the quality of a JPEG photo image in relation to file size and the quality of the image. This menu item applies to all scan functions.	5–90 (50%*)	A 5 setting gives a smaller file size, but the quality of the image is lessened. A 90 setting gives the best quality of the image, but the file size is very large.
JPEG Quality	Sets the quality of a JPEG text or text/photo image in relation to file size and the quality of the image. This menu item applies to Text and Text/Photo, and all scan functions.	5–90 (75%*)	A 5 setting gives a smaller file size, but the quality of the image is lessened. A 90 setting gives the best quality of the image, but the file size is very large.
Use multi-page TIFF	Provides a choice between single-page TIFF files and multiple-page TIFF files. For a multiple-page scan to FTP job, either one TIFF file is created containing all the pages, or multiple TIFF files are created with one file for each page of the job. This menu item applies to all scan functions.	Yes*	Multiple-page TIFF files are created. Select the check box to turn it on.
		No	One single TIFF file is created for each page. Clear the check box to turn it off.

Settings

Menu item	Purpose	Values and descriptions	
Transmission Log	Specifies when the transmission log prints. The log page is a confirmation that files transferred successfully.	Print Always*	The FTP transmission log always prints.
		Print Never	The FTP transmission log never prints.
		Print on Error	The FTP transmission log only prints when an error occurs.
Log Paper Source	To select the print media source to supply print media for the MFP to print a log of all sent and received FTPs. Envelopes do not apply. Note: This menu item applies to all scan functions.	Tray 1*	Tray 1 or the standard tray is the specified print media source.
		MP Feeder	The multipurpose feeder is the specified print media source.
		Tray 2 (if an optional drawer is installed)	Tray 2, which is an optional drawer, is the specified print media source.
Log Output Bin	Specifies the output bin that accepts the printed FTP log. The menu item only appears when one optional output bin is installed.	A list of available output bins is shown as values, such as Bin 1, Bin 2, and so on based on the number of bins installed.	
E-mail Bit Depth	Enables the Mixed mode to have smaller file sizes by using 1 bit images when Color is set to Off.	1 bit* 8 bit	
Base file name		text entry	The default value is the following word: image Note: There is a 53-character limit for the base file name. The following characters or symbols are invalid: * – asterisk : – colon ? – question mark < – less than symbol > – greater than symbol – vertical bar A time stamp is added to the end of the base file name.
Custom Job scanning	Allows for scanning of custom FTP jobs. This is also known as Job Build. Custom Job is not supported on all models.	On Off*	To set to On, select the check box. To set to Off, clear the check box.
Allow Save as shortcut	Allows saving of FTP addresses as shortcuts.	Yes* No	When it is set to No, the Save as Shortcut button does not appear on the FTP Destination screen.
Background Removal	Adjusts the amount of background visible on a copy.	-4 to +4 (0*)	-4 sets Background Removal to off. +4 sets Background Removal to the maximum allowed.

Settings

Menu item	Purpose	Values and descriptions	
Contrast	Specifies the contrast used for the FTP job. The default is dependent on the Content menu item. If the Content menu item is reset from the default setting, then the default for Contrast is reset, also.	0–5	Text default is 5. The default is 0 for items other than text.
Shadow Detail	Adjusts the amount of shadow detail visible on a copy.	-4 to +4 (0*)	-4 preserves the least amount of shadow detail. +4 preserves the most shadow detail.
Scan edge to edge	Specifies if the original document is scanned edge-to-edge prior to sending the FTP job.	Off* On	

Print Settings

Print settings consist of the following menus. Click any of the menus for more information

Finishing Menu

Quality Menu

Utilities Menu

Setup Menu

PostScript Menu

PCL Emulation Menu

PDF Menu

HTML Menu

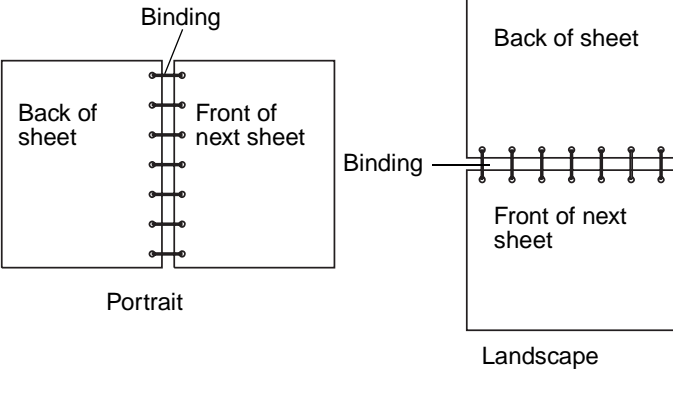
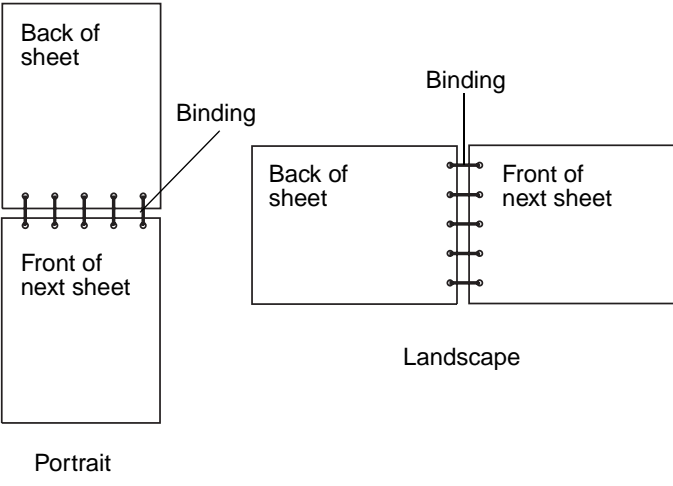
Image Menu

Finishing Menu

Use these menu items to set the user default settings for all jobs. Printing from an application may override user default settings.

Menu item	Purpose	Values and descriptions	
Duplex	Sets duplex (two-sided) printing as the default for all print jobs.	Off*	Prints on one side of the print media.
		On	Prints on both sides of the print media.

Settings

Menu item	Purpose	Values and descriptions	
Duplex Bind	Defines the way duplex pages are bound, and how the printing on the back of the sheet (even-numbered pages) is oriented in relation to the printing on the front (odd-numbered pages).	<p>Long Edge*</p> <p>Assumes binding along the long edge of the page (left edge for portrait orientation and top edge for landscape orientation). The following illustration shows long-edge binding for portrait and landscape pages.</p>  <p>The diagram shows two examples of long-edge binding. On the left, a 'Portrait' orientation is shown where the 'Back of sheet' is on the left and the 'Front of next sheet' is on the right, with binding along the top edge. On the right, a 'Landscape' orientation is shown where the 'Back of sheet' is on top and the 'Front of next sheet' is on the bottom, with binding along the left edge.</p> <p>Short Edge</p> <p>Assumes binding along the short edge of the page (top edge for portrait orientation and left edge for landscape orientation). The following illustration shows short-edge binding for portrait and landscape pages.</p>  <p>The diagram shows two examples of short-edge binding. On the left, a 'Portrait' orientation is shown where the 'Back of sheet' is on top and the 'Front of next sheet' is on the bottom, with binding along the left edge. On the right, a 'Landscape' orientation is shown where the 'Back of sheet' is on the left and the 'Front of next sheet' is on the right, with binding along the top edge.</p>	
Copies	Sets the number of copies needed as the MFP user default value.	1–999 (1*)	Values selected from the application or printer driver always override values selected from the control panel.
Blank Pages	Specifies whether to include application-generated blank pages as part of the printed output.	Do Not Print*	Does not print application-generated blank pages as part of the job.
		Print	Prints application-generated blank pages as part of the job.

Settings

Menu item	Purpose	Values and descriptions	
Collation	Keeps the pages of a print job stacked in sequence when printing multiple copies of the job.	Off*	Prints each page of a job the number of times specified by the Copies menu item. For example, if Copies is set to 2, and three pages are sent to print, the printer prints page 1, page 1, page 2, page 2, page 3, page 3.
		On	Prints entire job the number of times specified by the Copies menu item. For example, if Copies is set to 2, and three pages are sent to print, the printer prints page 1, page 2, page 3, page 1, page 2, page 3.
Separator Sheets	Inserts blank separator sheets between jobs, between multiple copies of a job, or between each page of a job.	None*	Does not insert separator sheets.
		Between Copies	Inserts a blank sheet between each copy of a job. If Collation is Off, a blank page is inserted between each set of printed pages (all page 1's, all page 2's, and so on). If Collation is On, a blank page is inserted between each collated copy of the job.
		Between Jobs	Inserts a blank sheet between jobs.
		Between Pages	Inserts a blank sheet between each page of a job. This is useful when printing transparencies or wanting to insert blank pages in a document for notes.
Separator Source	Specifies the source that holds separator sheets. Only installed sources are shown in the list of values.	Tray <x> (Tray 1*)	Selects separator sheets from the specified tray.
		MP Feeder	Selects separator sheets from the multipurpose feeder. Note: Configure MP must be set to Cassette.
		Envelope Feeder	Selects an envelope as a separator sheet.
Multipage Print	Prints multiple-page images on one side of a sheet of paper. This is also called <i>n-up</i> or <i>Paper Saver</i> .	Off*	Prints 1 page image per side.
		2 Up	Prints 2 page images per side.
		3 Up	Prints 3 page images per side.
		4 Up	Prints 4 page images per side.
		6 Up	Prints 6 page images per side.
		9 Up	Prints 9 page images per side.
		12 Up	Prints 12 page images per side.
		16 Up	Prints 16 page images per side.

Settings

Menu item	Purpose	Values and descriptions																					
Multipage Order	<p>Determines the positioning of multiple page images when using Multipage Print. See Multipage Print on page 69.</p> <p>The positioning depends on the number of images and whether the images are portrait or landscape in orientation.</p>	Horizontal*																					
		Vertical																					
	<p>For example, if selecting 4-Up multiple page printing and portrait orientation, the results differ depending on the Multipage Order value selected.</p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <thead> <tr> <th style="border: none;">Horizontal Order</th> <th style="border: none;">Vertical Order</th> <th style="border: none;">Reverse Horizontal Order</th> <th style="border: none;">Reverse Vertical Order</th> </tr> </thead> <tbody> <tr> <td style="border: 1px solid black; padding: 5px;">1</td> <td style="border: 1px solid black; padding: 5px;">1</td> <td style="border: 1px solid black; padding: 5px;">2</td> <td style="border: 1px solid black; padding: 5px;">3</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">2</td> <td style="border: 1px solid black; padding: 5px;">3</td> <td style="border: 1px solid black; padding: 5px;">1</td> <td style="border: 1px solid black; padding: 5px;">1</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">3</td> <td style="border: 1px solid black; padding: 5px;">2</td> <td style="border: 1px solid black; padding: 5px;">4</td> <td style="border: 1px solid black; padding: 5px;">3</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">4</td> <td style="border: 1px solid black; padding: 5px;">4</td> <td style="border: 1px solid black; padding: 5px;">3</td> <td style="border: 1px solid black; padding: 5px;">2</td> </tr> </tbody> </table>	Horizontal Order	Vertical Order	Reverse Horizontal Order	Reverse Vertical Order	1	1	2	3	2	3	1	1	3	2	4	3	4	4	3	2	Reverse Horizontal	
		Horizontal Order	Vertical Order	Reverse Horizontal Order	Reverse Vertical Order																		
1	1	2	3																				
2	3	1	1																				
3	2	4	3																				
4	4	3	2																				
		Reverse Vertical																					
Multipage View	Determines the orientation of a multiple-page sheet.	Auto*	Lets the MFP choose between portrait and landscape orientation.																				
		Long Edge	Sets the long edge of the print media as the top of the page (landscape). See Duplex Bind on page 68 for more information.																				
		Short Edge	Sets the short edge of the print media as the top of the page (portrait). See Duplex Bind on page 68 for more information.																				
Multipage Border	Prints a border around each page image when using Multipage Print.	None*	Does not print a border around each page image.																				
		Solid	Prints a solid line border around each page image.																				
Staple Job	<p>Sets stapling as the default for all print jobs.</p> <p>Note: This menu item appears when an optional finisher is installed.</p>	Off*	Does not staple print jobs.																				
		Auto	Staples each print job sent to the printer.																				
		Front Back Dual	Staples each print job based on information sent from the printer driver or application software.																				
Hole Punch	<p>Punches holes along the edge of the paper.</p> <p>Note: This menu item appears when an optional finisher is installed.</p>	On	Hole punches each print job sent to the printer.																				
		Off*	Does not hole punch print jobs.																				
Hole Punch Mode	<p>Punches holes along the edge of the paper.</p> <p>Note: This menu item appears when an optional finisher is installed.</p>	2	Only appears when the 3-hole finisher is installed.																				
		3*																					
		2 4*	Only appears when the 4-hole finisher is installed.																				

Settings

Menu item	Purpose	Values and descriptions	
Offset Pages	Offsets the output of each print job or each copy of a print job, making it easier to separate the documents stacked in the finisher output bin. Note: This menu item only appears when an optional finisher is installed.	None*	Stacks all sheets directly on top of each other.
		Between Copies	Offsets each copy of a print job.
		Between Jobs	Offsets each print job.

Quality Menu

Use these menu items to change settings that affect print quality and save toner. Printing from an application may override user default settings.

Menu item	Purpose	Values and descriptions	
Print Resolution	To select printed output resolution.	600 dpi	Produces high quality output for print jobs that are mostly text.
		1200 dpi	Produces highest quality output for jobs where print speed is not important and memory is abundant.
		2400 Image Q*	Uses line screening for print jobs that contain bitmapped images, such as scanned photos.
Toner Darkness	Lightens or darkens printed output and conserves toner. A scale appears on the control panel LCD shown as follows. A vertical bar () indicates the factory default value. An arrow symbol (V) indicates a user default value and the V moves left or right on the scale while touching the left arrow or right arrow buttons. When the default of 8 is selected, the V covers the vertical bar as shown: -.....V..+	1–10 (8*)	<ul style="list-style-type: none"> • Select a lower value for finer line width, lighter grayscale images, and to lighten printed output. • Select a higher value for bolder line widths or darker grayscale images. • Select 10 for very bold text. • Select a value less than 7 to conserve toner.
Brightness	Adjusts the gray value of printed images.	-6 to +6 (0*)	-6 is maximum decrease. +6 is maximum increase.
Contrast	Adjusts the contrast of printed images.	0–5 (0*)	0 is maximum decrease. 5 is maximum increase.
Enhance Fine Lines	Enables a print mode preferable for certain files containing fine line detail, such as architectural drawings, maps, electronic circuit diagrams, and flow charts. Note: Enhance Fine Lines is not a menu item available from the control panel. This setting is only available on the PCL emulation driver or PostScript driver or on the MFP Embedded Web Server.	On	In the driver, select the check box.
		Off*	In the driver, clear the check box.
Gray Correction	Automatically adjusts the contrast enhancement applied to images.	Auto	In the driver, select the check box.
		Off*	In the driver, clear the check box.

Settings

Utilities Menu

Use the Utilities Menu to print a variety of listings relating to available MFP resources, settings, and print jobs. Other menu items let you set up MFP hardware and troubleshoot problems.

Menu item	Purpose	Values and descriptions	
Factory Defaults	To return your MFP settings to the factory default values. This menu item is also available in the Setup Menu.	Restore Now	<ul style="list-style-type: none"> All menu items are returned to the factory default values except: <ul style="list-style-type: none"> Display Language. All settings in the Fax, E-mail, and FTP Settings menu items, the Standard Parallel and Parallel <x> menu items, the Standard Serial and Serial <x> menu items, the Standard Network and Network <x> menu items, and the Standard USB and USB <x> menu items. All downloaded resources (fonts, macros, and symbol sets) in MFP memory (RAM) are deleted. (Resources residing in flash memory are unaffected.)
		Do Not Restore*	User-defined settings remain.
Remove Held Jobs	Removes confidential and held jobs from the MFP hard disk. The menu item appears if a hard disk is installed containing held or confidential jobs.	Confidential Held Not Restored All	Selecting a value only affects jobs that are resident in the MFP. Bookmarks, jobs on USB flash memory devices, and other types of held jobs are not affected.
Format Flash	To format the flash memory. Do not turn off the MFP while the flash is formatting. Note: This menu item only appears if a nondefective optional flash memory card, which is not write or read/write protected, is installed.	Yes	Deletes any data stored in flash memory and prepares the flash memory to receive new resources.
		No*	Cancels the request to format the flash memory and leaves current resources stored in flash memory.
Defragment Flash	To retrieve storage area lost when resources are deleted from flash memory. Warning: Do not turn off the MFP while the flash is defragmenting. Note: This menu item only appears if a nondefective optional flash memory card, which is not write or read/write protected, is installed.	Yes	The MFP transfers all resources stored in flash memory to MFP memory and then reformats the flash memory option. When the format operation is complete, the resources are loaded back into flash memory.
		No*	The MFP cancels the request to defragment the flash memory.
Format Disk	Formats the MFP hard disk. Warning: Do not turn off the MFP while the hard disk is formatting. Note: This menu item only appears if the hard disk is not write or read/write password protected.	Yes	Deletes any data stored on the hard disk and prepares the device to receive new resources.
		No*	Cancels the request to format the hard disk and leaves current resources stored on the disk.

Settings

Menu item	Purpose	Values and descriptions	
Job Acct Stat	<p>Prints a listing of all job statistics stored on the hard disk or clears all statistics on the hard disk.</p> <p>Warning: Clear appears as a value only if Job Accounting is not set to MarkTrack™.</p> <p>Note: This menu item only appears if the hard disk is not write or read/write password protected.</p>	Print	Prints all statistics available for the most recent print jobs.
		Clear	Deletes all accumulated job statistics from the hard disk. As the MFP deletes all stored job statistics, the message Clearing job accounting statistics appears as the jobs are deleted.
Activate Hex Trace	Helps isolate the source of a print job problem. With Hex Trace selected, all data sent to the MFP is printed in hexadecimal and character representation. Control codes are not executed.		<p>Touch Activate Hex Trace to enter Hex Trace mode.</p> <p>To exit Hex Trace mode, turn the MFP off, wait 15 seconds, and then turn the MFP on.</p>
Coverage Estimator	Provides an estimate of the percentage of coverage of cyan, magenta, yellow, and black on a page. The estimate is printed on a separator page.	Off*	Percent coverage is not printed.
		On	Prints the estimated percentage of coverage for each color on the page.

Setup Menu

Use the Setup Menu to configure a variety of MFP features.

Menu item	Purpose	Values and descriptions	
Printer Language	<p>Specifies the default printer language used to communicate data from the computer to the MFP.</p> <p>Note: Setting a printer language as the default does not prevent a software application from sending print jobs that use the other language.</p>	PCL Emulation* PS Emulation	<p>PCL emulation—Uses a PCL interpreter for incoming host communications.</p> <p>PostScript emulation—Uses a PS interpreter for incoming host communications.</p>
Resource Save	<p>Specifies what the MFP does with downloaded resources, such as fonts and macros stored in RAM, if the MFP receives a job that requires more memory than is available.</p> <p>Setting Resource Save to On causes the MFP to reset and returns the LCD to the home screen.</p>	Off*	The MFP retains downloaded resources only until memory is needed. It then deletes those resources associated with the inactive printer language.
		On	The MFP retains all downloaded resources for all printer languages during language changes and MFP resets. If the MFP runs out of memory, 38 Memory Full appears.

Settings

Menu item	Purpose	Values and descriptions	
Download Target	Specifies the storage location for downloaded resources. Storing downloaded resources in flash memory or on a hard disk is permanent storage rather than the temporary storage that RAM provides. The resources remain in the flash memory or on the hard disk even when the MFP is turned off.	RAM*	All downloaded resources are automatically stored in printer memory (RAM).
		Flash	All downloaded resources are automatically stored in flash memory. Note: Flash appears as a menu item if a formatted, nondefective optional flash memory card which is not Write or Read/Write password protected is installed.
		Disk	All downloaded resources are automatically stored on the hard disk. Note: Disk appears as a menu item if the hard disk is not Write or Read/Write password protected.
Job Accounting	Specifies to store or not store statistical information about the most recent print jobs on the hard disk. The statistics include whether the job printed with or without errors, the print time, the job size (in bytes), the requested media size and type, the total number of printed pages, and the number of copies requested. Note: Job Accounting only appears when a nondefective hard disk is installed.	Off*	The MFP does not store job statistics on the hard disk.
		On	The MFP stores job statistics for the most recent print jobs.
Print Area	Modifies the logical and physical printable area.	Normal* Fit to Page Whole Page	Note: The Whole Page setting only affects pages printed using PCL 5 interpreter. This setting has no effect on pages printed using the PCL XL or PostScript interpreters. If attempting to print any data in the non-printable area defined by Normal Print Area, the MFP clips the image at the boundary defined by the Normal defined printable area.

Settings

Menu item	Purpose	Values and descriptions	
Factory Defaults	Returns printer settings to the factory default values.	Restore Now	<ul style="list-style-type: none"> • All menu items are returned to the factory default values except: <ul style="list-style-type: none"> – Display Language. – All settings in the Standard Parallel and Parallel <x> menu items, the Standard Serial and Serial <x> menu items, the Standard Network and Network <x> menu items, and the Standard USB and USB <x> menu items. • All downloaded resources (fonts, macros, and symbol sets) in printer memory (RAM) are deleted. (Resources residing in flash memory or on the hard disk are unaffected.)
		Do Not Restore*	User-defined settings remain.

PostScript Menu

Use these menu items to change printer settings that affect jobs using the PostScript printer language. Printing from an application may override user default settings.

Menu item	Purpose	Values and descriptions	
Print PS Error	Prints a page defining the PostScript emulation error when an error occurs.	Off*	Discards the print job without printing an error message.
		On	Prints an error message before it discards the job.
Font Priority	Establishes the font search order. Note: Font Priority only appears when a formatted flash or hard disk is installed, is neither defective nor Read/Write or Write protected, and Job Buffer Size is not set to 100%.	Resident*	The MFP searches printer memory for the requested font before searching the flash memory or the hard disk.
		Flash/Disk	The MFP searches the hard disk and flash memory for the requested font before searching printer memory.

Settings

PCL Emulation Menu

Use these menu items to change printer settings that affect jobs using the PCL emulation printer language. Printing from an application may override user default settings.

Menu item	Purpose	Values and descriptions	
Font Source	Determines the set of fonts shown in the Font Name menu item.	Resident*	Shows all fonts resident in printer RAM when the MFP ships from the factory.
		Disk	Note: Shows all fonts stored on the MFP hard disk.
		Flash	Shows all fonts stored in flash memory.
		Download	Shows all fonts downloaded to printer RAM.
		All	Shows all fonts available to the MFP from all sources.
Font Name	Identifies a specific font from the specified font source.	R0 Courier*	The font name and font ID for all fonts in the selected font source are shown. The font source abbreviation is R for resident, F for flash, K for hard disk, and D for download.
Symbol Set	Determines the symbol set for a specified font name.	10U PC-8 (US)* (country/region-specific factory default values)	A symbol set is a set of alphabetic and numeric characters, punctuation, and special symbols used when printing with a selected font. Only the symbol sets supported for the selected font name are shown.
		12U PC-850 (non-US)* (country/region-specific factory default values)	

Settings

Menu item	Purpose	Values and descriptions	
PCL Emulation Settings	Changes the point size for scalable typographic fonts.	Point Size 1.00–1008.00 (12*)	Point size refers to the height of the characters in the font. One point equals approximately 1/72 of an inch. Point sizes from 1 to 1008 in increments of 0.25 points can be selected. Note: Point Size only appears for typographic fonts.
	Specifies the font pitch for scalable monospaced fonts.	Pitch 0.08–100.00 (10*)	Pitch refers to the number of fixed-space characters in a horizontal inch of type. A pitch from 0.08 to 100 characters per inch (cpi) in increments of 0.01 cpi can be selected. For nonscalable monospaced fonts, the pitch appears but cannot be changed. Note: Pitch only appears for fixed, or monospaced, fonts.
	Determines how text and graphics are oriented on the page.	Orientation Portrait* Landscape	Portrait prints text and graphics parallel to the short edge of the paper. Landscape prints text and graphics parallel to the long edge of the paper. See Duplex Bind on page 68 for more information about short and long edges.
	Determines the number of lines that print on each page.	Lines per Page 1–255 60* (US) 64* (non-US)	The MFP sets the amount of space between each line (vertical line spacing) based on the Lines per Page, Paper Size, and Orientation menu items. Select the correct Paper Size and Orientation before changing Lines per Page.
	Sets the width of the logical page for A4 size paper.	A4 Width 198 mm* 203 mm	Note: The 203 mm setting makes the logical page wide enough to print eighty 10-pitch characters.
	Specifies whether the MFP automatically performs a carriage return (CR) after a line feed (LF) control command.	Auto CR after LF Off* On	Off—The MFP does not perform a carriage return after a line feed control command. On—The MFP performs a carriage return after a line feed control command.
	Specifies whether the printer automatically performs a line feed after a carriage return control command.	Auto LF after CR Off* On	Off—The MFP does not perform a line feed after a carriage return control command. On—The MFP performs a line feed after a carriage return control command.

Settings

Menu item	Purpose	Values and descriptions	
Tray Renumber	Configures the MFP to work with printer drivers or applications that use different source assignments for the sources: trays, the multipurpose feeder, and the manual feed slot. Note: See the <i>Technical Reference</i> for more information about assigning source numbers.	Assign MP Feeder	Off—The MFP uses factory default source assignments. None—Source ignores the Select Paper Feed command. None appears only if it is the current default. None must be selected by the PCL interpreter. 0–199—Select a numeric value to assign a custom value to a source.
		Assign Tray [x]	Off—The MFP uses factory default source assignments. None—Source ignores the Select Paper Feed command. None appears only if it is the current default. None must be selected by the PCL interpreter. 0–199—Select a numeric value to assign a custom value to a source.
		Assign Manual Paper	Off—The MFP uses factory default source assignments. None—Source ignores the Select Paper Feed command. None appears only if it is the current default. None must be selected by the PCL interpreter. 0–199—Select a numeric value to assign a custom value to a source.
		Assign Man Env	Off—The MFP uses factory default source assignments. None—Source ignores the Select Paper Feed command. None appears only if it is the current default. None must be selected by the PCL interpreter. 0–199—Select a numeric value to assign a custom value to a source.

Settings

Menu item	Purpose	Values and descriptions	
Tray Renumber (continued)		View Factory Def	Shows the factory default value assigned to each source. For example: MPF Default = 8 T1 Default = 1 T2 Default = 4 T3 Default = 5 T4 Default = 20 T5 Default = 21 Env Default = 6 MPaper Default = 2 MEnv Default = 3 The menu item is for viewing information only. No item in the value list can be selected. All possible options appear even if they are not installed.
		Restore Defaults Yes No	Select Yes to return all source assignments to factory default values.

PDF Menu

Use these menu items to change printer settings that affect PDF jobs.

Menu item	Purpose	Values and descriptions	
Scale to Fit	Scales page content to fit the selected print media size.	Yes No*	Yes—Scales the page to fit the selected print media. No—Does not scale the page; printed text or graphics are cropped if larger than the selected print media.
Annotations	Specifies whether to print annotations in the PDF.	Do Not Print* Print	Do Not Print—Does not print PDF annotations. Print—Prints PDF annotations.

Settings

HTML Menu

These menu items are used to change the printer HTML settings.

Menu item	Purpose	Values and descriptions	
Font Name	Sets the default font for HTML documents. Note: Times will be used in HTML documents that do not specify a font.	Albertus MT Antique Olive Apple Chancery Arial MT Avant Garde Bodoni Bookman Chicago Clarendon Cooper Black Copperplate Coronet Courier Eurostile Garamond Geneva Gill Sans Goudy Helvetica Hoefler Text	Intl CG Times Intl Courier Intl Univers Joanna MT Letter Gothic Lubalin Graph Marigold MonaLisa Recut Monaco New CenturySbk New York Optima Oxford Palatino StempelGaramnd Taffy Times TimesNewRoman Univers Zapf Chancery
Font Size	Sets the default font size for HTML documents.	1 pt–255 pt (12 pt*)	Select point sizes from 1 to 255 points in 1 point increments.
Scale	Scales the default font for HTML documents.	1%–400% (100%*)	Select scale sizes from 1 to 400% in 1% increments.
Orientation	Sets the page orientation for HTML documents.	Portrait* Landscape	Portrait—Prints text and graphics parallel to the short edge of the paper. Landscape—Prints text and graphics parallel to the long edge of the paper. See Duplex Bind on page 68 for more information about short and long edges.
Margin Size	Sets the page margin for HTML documents.	8 mm–255 mm (19 mm*)	Sets the margin from 8 to 255 mm in 1 mm increments.
Backgrounds	Specifies whether to print backgrounds in HTML documents.	Print* Do Not Print	Print—Prints HTML backgrounds. Do Not Print—Does not print HTML backgrounds.

Image Menu

These menu items are used to change the size or orientation of a printed image or to invert a printed image.

Menu item	Purpose	Values and descriptions	
Auto Fit	Selects optimal print media size, scaling, and orientation.	On* Off	Note: When set to On, this setting overrides the scaling setting and can override the orientation setting for some images.
Invert	Inverts bi-tonal monochrome images.	On Off*	Note: Does not apply to GIF or JPEG.

Settings

Menu item	Purpose	Values and descriptions	
Scaling	Scales the image to fit the print media size.	Anchor Top Left Best Fit* Anchor Center Fit Height / Width Fit Height Fit Width	Note: When the Auto Fit setting is set to On, Scaling is automatically set to Best Fit.
Orientation	Sets the image orientation.	Portrait* Landscape	Portrait—Prints text and graphics parallel to the short edge of the paper. Landscape—Prints text and graphics parallel to the long edge of the paper. See Duplex Bind on page 68 for more information about short and long edges.

Security

These menu items are used to set security levels on individual print jobs requiring a PIN and securing setup.

Menu item	Purpose	Values and descriptions	
Authentication Method		Authentication disabled* Internal NTLM Kerberos 5 LDAP LDAP + GSSAPI	If Authentication disabled is selected, Function Access settings requiring user IDs or passwords are ignored. See Function Access for more information. Note: For LDAP and LDAP + GSSAPI, use the MFP Embedded Web Server (EWS) interface.
Auto 'Log out' delay	Sets a delay in seconds at the home screen before an authenticated user is automatically logged off.	1–60 (3*)	
Scan to PC Port Range	This menu item is used by the system support person who has a port-blocking firewall between the MFP and their users.	text entry	Valid text entries are two sets of numerical values separated by a colon. The default is an empty text entry field.

Settings

Menu item	Purpose	Values and descriptions	
Function Access		Menus Enabled* Disabled	If Disabled is selected and set as the user default, then access to everything from the Menu button is disabled.
		Copy Access No authentication required* Require User ID only Require User ID and Password Function disabled	If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.
		Fax Access No authentication required* Require User ID only Require User ID and Password Function disabled	If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.
		E-mail Access No authentication required* Require User ID only Require User ID and Password Function disabled	If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.
		FTP Access No authentication required* Require User ID only Require User ID and Password Function disabled	This menu item and its values control access to the Scan to FTP function. If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.
		Held Jobs Access No authentication required* Require User ID only Require User ID and Password Function disabled	If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.
		Create Scan Profile No authentication required* Require User ID only Require User ID and Password Function disabled	If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.

Settings

Menu item	Purpose	Values and descriptions	
Function Access (continued)		Flash Drive Scan No authentication required* Require User ID only Require User ID and Password Function disabled	Selecting Function Disabled prevents the Scan button from appearing. Selecting No authentication required lets any user perform the scan. If either Require User ID only or Require User ID and Password is selected, when the Scan to USB Drive button is touched, a prompt for authentication appears. The same prompt occurs if a function button, like Scan or E-mail, is touched on the home screen. If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.
		Flash Drive Print No authentication required* Require User ID only Require User ID and Password Function disabled	Selecting Function Disabled causes any file on the Flash Drive to be unprintable. When the file is selected for printing, an unrecognized file screen appears. The only choice is to delete the file. Selecting Require User ID only or Require User ID and Password causes the authentication screen to appear when the Print button is touched. The user must log on before printing takes place. If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.
		Lexmark Embedded Solutions (LES) Access No authentication required* Require User ID only Require User ID and Password Function disabled	If Function Disabled is selected, the menu item does not appear on the LCD. See Functions disabled transitional messages for more information.
Confidential Print	This menu item appears on the Web page only; it does not appear on the control panel LCD.	Max Invalid PIN Off* 2–10	This menu item only appears when a hard disk is installed. It counts the number of times an invalid PIN for a user name is entered before all the jobs are deleted.
		Job Expiration Off* 1 hour 4 hours 24 hours 1 week	Specifies the amount of time a confidential job is held in memory before it is deleted.

Settings

Menu item	Purpose	Values and descriptions	
Protect Menus	These security menu items are always password protected when either an Advanced Password or a User Password is set. If both passwords are set, only the Advanced Password is valid.	Paper Menu Not protected Accept Advanced Password only* Accept Advanced or User Passwords	Protection is not applied unless the password is set, meaning that the password field cannot be a null field.
		Reports Not protected Accept Advanced Password only* Accept Advanced or User Passwords	Protection is not applied unless the password is set, meaning that the password field cannot be a null field.
		Settings Not protected Accept Advanced Password only* Accept Advanced or User Passwords	Protection is not applied unless a valid password is set, meaning that the password field cannot be a null field. The password protects General Settings, Copy Settings, Fax Settings, E-mail Settings, FTP Settings, Print Settings, and Set Date and Time. Security is protected when a password is set. If both the Advanced and User Passwords are set, only the Advanced Password is valid for security.
		Network/Ports Not protected Accept Advanced Password only* Accept Advanced or User Passwords	Protection is not applied unless the password is set, meaning that the password field cannot be a null field.
		Shortcuts Not protected Accept Advanced Password only* Accept Advanced or User Passwords	Protection is not applied unless the password is set, meaning that the password field cannot be a null field.
		LES configuration Not protected Accept Advanced Password only* Accept Advanced or User Passwords	Protection is not applied for Lexmark Embedded Solutions (LES) configuration unless the password is set, meaning that the password field cannot be a null field.
Create/Change Passwords	See Create and Change Passwords on page 86.		

Settings

Menu item	Purpose	Values and descriptions	
Internal Account Management		Name text entry User ID text entry Password text entry Reenter Password text entry E-mail text entry	
NTLM Authentication Setup	Allows registration or removing registration of the MFP with an NT domain by a user with administrator privileges on the domain. Note: Either Registered or Not Registered appears on the status message bar. Continue is the pop-up message for removing registration.	Domain Name Domain PDC Name	Domain Name—Enter the text entry for the domain name. The factory default for the variable domain name is <domain>. Use the virtual alphanumeric keyboard to enter the text. Domain PDC Name—Enter the text entry for the domain PDC name. The factory default for the Domain PDC Name variable is an asterisk (*). Use the virtual alphanumeric keyboard to enter the text. Note: Other pop-up messages include: <ul style="list-style-type: none"> • Unregistering this device will prevent any use of NTLM authentication until the device is registered again. • Keep registration • Unregister now

Settings

Create and Change Passwords

Create/Change Advanced Password

Menu item	Values and descriptions	Pop-up message
Password	text entry The range for a password is 8–127 characters. If a password less than eight characters is entered, a pop-up message appears to instruct the user to enter a password of a minimum of eight characters.	Password must be a minimum of 8 characters.
Reenter Password	text entry This entry must match the Password field or an error pop-up message appears.	Password and Reenter Password did not match.

Create/Change User Password

Menu item	Values and descriptions	Pop-up message
Password	text entry The range for a password is 8–127 characters. If a password less than eight characters is entered, a pop-up message appears to instruct the user to enter a password of a minimum of eight characters.	Password must be a minimum of 8 characters.
Reenter Password	text entry This entry must match the Password field or an error pop-up message appears.	Password and Reenter Password did not match.

Create/Change Device Lockout PIN

Menu item	Values and descriptions	Pop-up message
PIN	4-digit numeric entry This must be a 4-digit entry. Valid entries are numerals 0–9. The PIN lets anyone lock the MFP for all activity at the MFP. If a password of less than four digits or any numerals other than 0–9 are entered, a pop-up message appears, and the field is cleared. This menu item appears only if a nondefective hard disk is installed.	PIN must be 4 digits.
Reenter PIN	4-digit numeric entry This entry must match the PIN field or an error pop-up message appears, and the field is cleared.	PIN and Reentered PIN did not match.

Settings

Set Date and Time

Menu item	Purpose	Values and descriptions	
Time Zone	Sets the time zone for the fax.	Not Set* US Hawaii US Alaska US/Can Pacific Tijuana US/Can Mountain US/Can Central US/Can Eastern US/Can Atl Newfoundland Brasilia, Braz. Mid-Atlantic Azores Cape Verde Is. GMT Ireland London Central Europe Amsterdam Berlin Bern Brussels Lisbon Madrid Paris	Prague Rome Stockholm Vienna Warsaw Eastern Europe Cairo Helsinki Athens Istanbul Israel South Africa Moscow Tehran, Iran Beijing, China Urumqi Aus Western Aus Central Aus Eastern Queensland Tasmania Northern Ter. New Zealand Korea
Current Date and Time	This is a display item only.	YYYY-MM-DD HH:MM	The current year, month, date, hour, and minute appear.
Year	Allows a manual change to the year.	2003–2028	Year is expressed in one-year increments.
Month	Allows a manual change to the month.	January February March April May June July August September October November December	
Day	Allows a manual change to the day.	1–31	The day is expressed in one-day increments. If the day is set to a day that is not in the month, the month changes, and the new day increments into that month. For example, if June 31 is set, it becomes July 1. If June 32 is set, it becomes July 2.
Hour	Allows a manual change to the hour.	0–23	The hour is expressed in one-hour increments.
Minute	Allows a manual change to the minute.	0–59	The minute is expressed in one-minute increments.

Help Pages

Menu item	Purpose	Values and descriptions	
DST Mode	Allows methods of changing Daylight Savings Time (DST) Mode.	Automatic*	The time is set by the time server.
		Manual	The time is hand set.
Daylight Savings		Yes No	The default value depends on the date and time. Note: Once this value is changed, change DST mode to Manual.
Time Server		IP None	
Time Server Name		text field	
Allow NTP Broadcast		Yes No*	Select the check box for Yes. Clear the check box for No.

Help Pages

These menu items are used to print some or all of the resident **Help Pages**. These pages contain information about MFP settings for copy, fax, e-mail, and FTP, and ordering supplies.

If the control panel is set to a language other than English, Brazilian Portuguese, French, German, Spanish, or Italian the document prints in English.

The **Help** menu pages can be printed in the following languages from the *Software and Documentation CD*.

English	Spanish	Dutch	Polish
Brazilian Portuguese	Italian	Finnish	Russian
French	Danish	Norwegian	Swedish
German			

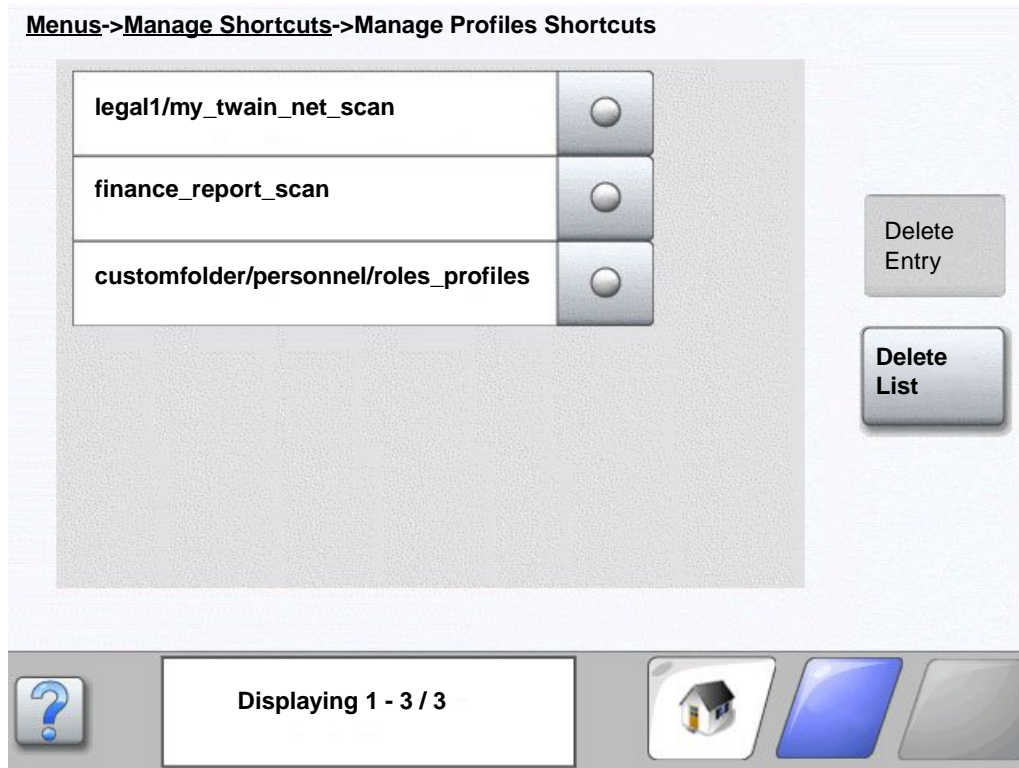
Menu item	Purpose	Values and descriptions
Print All	Prints all Help Pages menu topics.	After selecting this menu item, the Help Pages print, and the MFP returns to Ready .
Information Guide	Prints the Information guide.	
Copying	Prints the Copy guide on making copies and changing settings.	
E-mail	Prints the E-mail guide on sending jobs to addresses, using shortcut numbers, and address books.	
Faxing	Prints the Fax guide on typing fax numbers, using shortcut numbers, and faxing to one or more recipients.	

Manage Shortcuts

Menu item	Purpose	Values and descriptions
FTP	Prints the FTP guide on scanning items to send to an FTP site.	After selecting this menu item, the Help Pages print, and the MFP returns to Ready .
Print Defects	Prints the Print defects guide which aids in resolving repeating defects for copy or print.	
Supplies Guide	Prints the Supplies guide about ordering supplies.	

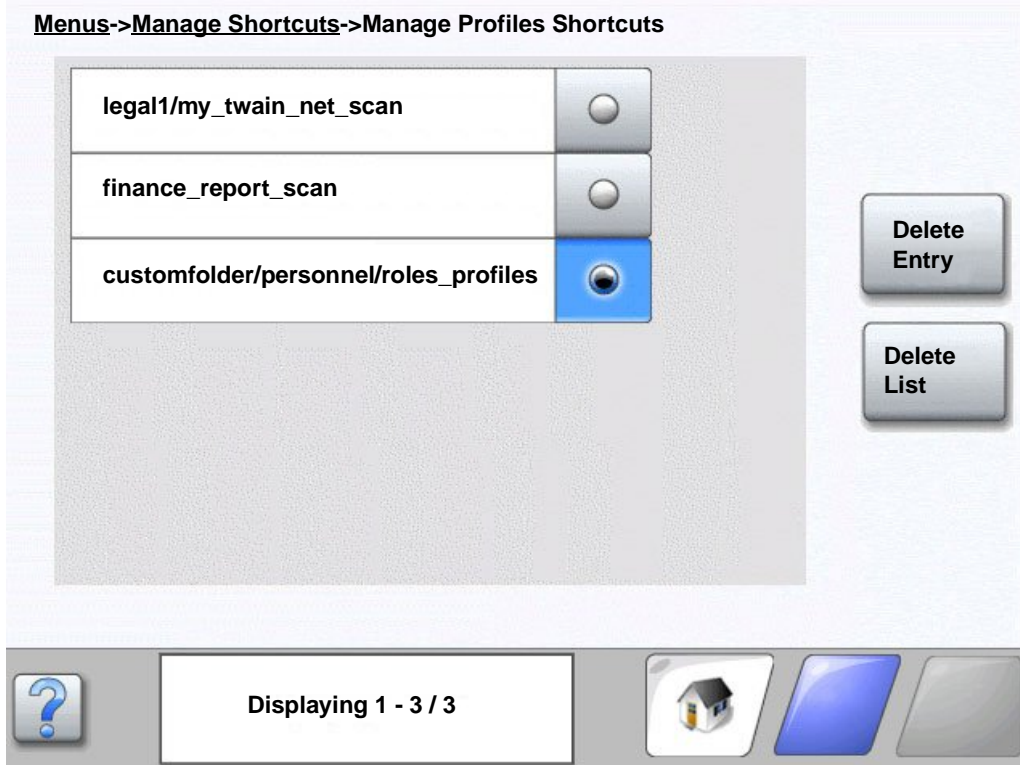
Manage Shortcuts

To manage Fax, E-mail, FTP, and Profile shortcuts, only deletions of an entry or a complete list are possible. Use the up and down arrows to scroll through the listing of shortcut items if there are enough entries on the screen for the up and down arrows to appear. The following example shows a Profile shortcuts screen with no items in the list selected. It does not show arrows since there are only three shortcuts listed which all appear on one screen. As the status message bar indicates, it shows 1 to 3 entries of a total of 3 entries. If there were more entries, scrolling up and down with arrows would be possible. Since none of the entries are selected, Delete Entry is an unavailable button since it is not active. Only the Delete List button is available.



Manage Shortcuts

Touch the radio button beside the one listing needed, and it changes to a selected radio button as shown by the blue color. **Delete Entry** is now active. Touch **Delete Entry** to delete the selected entry as shown on the Profile shortcuts screen:



The Fax, E-mail, and FTP manage shortcut screens work in the same manner.

2

Understanding MFP messages

Messages appear on the MFP control panel describing the current state of the MFP and indicating possible MFP problems requiring intervention.

Status messages

Status messages provide information on the status of the MFP.

Message	Meaning	Action
Bin [x] Full	x represents the number of the output bin that is full when the MFP bins are linked.	Remove print media from the bins. The message clears once the output level of the linked bins is no longer full.
Busy	The MFP is busy receiving, processing, or printing data.	Press Stop to access the job queue.
Flushing Buffer	The MFP flushes corrupted data and discards the current print job.	
Hex Trace	The MFP is in Hex Trace mode. Hex Trace isolates the source of a print job problem. When Hex Trace is active, all data sent to the MFP prints in hexadecimal and character representation.	Exit Hex Trace to print jobs normally. To exit Hex Trace, unplug the MFP.
[linked set bin name] Full	The linked set of bins with a previously defined name is full.	Remove print media from the bins. The message clears once the output level of the linked bins is no longer full.
Maintenance	The MFP maintenance counter has exceeded its limit, so the MFP requires maintenance.	Replace the maintenance items. If necessary, reset the MFP maintenance counter.
Network Network [x] Network [x], [y]	A network interface is the active communication link.	Wait for the message to clear. Notes:
Parallel Parallel [x]	A parallel interface is the active communication link.	<ul style="list-style-type: none"> The current interface appears on the Menu Settings Page. Interfaces shown without an x or y means the active host interface is a standard interface. x indicates the active interface is connected to the MFP through PCI connector x. x, y indicates the active interface is connected to the MFP through channel y on PCI connector x, or that x equals 0 on the standard network interface.
Serial [x]	A serial interface is the active communication link.	
USB USB [x]	The MFP is processing data through the specified USB port.	
PC Unit Life Warning	The photoconductor unit is nearly empty or near the end of its usable life. Note: The Menu Settings Page shows a gauge to indicate the remaining current life.	<ul style="list-style-type: none"> The message is cleared automatically when the cover or door over the photoconductor unit is opened or if the MFP power is turned off and then on. Replace the photoconductor unit. If it is not replaced, the MFP issues the message again when the door or cover is closed.

Status messages

Message	Meaning	Action
[PJL RDYMSG]	This is the Printer Job Language (PJL) Ready message.	
Power Saver	The MFP is ready to receive and process data. It is reducing its electricity consumption while idle. If the MFP remains inactive for the period of time specified in the Power Saver menu item (60 minutes is the factory default), the Power Saver message replaces the Ready message.	Send a job to print. Press any control panel button.
Printing	The MFP is printing a job.	
Printing page [x]	A sheet of print media moves through the MFP to be printed. x represents the number of the sheet being printed. Even though a duplex (two-sided) sheet has two sides, called pages, it only counts as one sheet.	
Printing page [x], copy [a]/[b]	A sheet of print media moves through the MFP to be printed. x represents the number of the sheet being printed. Even though a duplex sheet has two sides, called pages, it only counts as one sheet. So, pages are not counted, only sheets passing through the MFP. The total number of sheets in a set is not known, but the number of sets is known. For example, a user may have requested that three copies print, so there are three sets of sheets, but the number of sheets is unknown.	
Printing page [x]/ [y], copy [a]/[b]	A sheet of print media moves through the MFP to be printed. x represents the number of the sheet being printed. A sheet is considered a front and back page of one piece of print media. A group of sheets is called a set. y represents the total number of sheets in a set. a is the number of the current set printing. b is the total number of sets to be printed. For example, a user may send a 6-page duplex print job and select three copies to print. So, there are three sheets to print for each job. This makes one set. Three sets must print before the user has the complete job.	
Replace PC Unit	The photoconductor unit is nearly empty or near the end of its usable life. Note: The Menu Settings Page shows a gauge to indicate the remaining current life.	<ul style="list-style-type: none"> The message is cleared automatically when the cover over the photoconductor unit is opened or if the MFP power is turned off and then on. Replace the photoconductor unit. If it is not replaced once the message clears, the MFP issues the message again.

Status messages

Message	Meaning	Action
Ready	The MFP is ready to receive and process jobs.	Print, fax, scan, e-mail, copy, or use FTP.
Scanner automatic document feeder cover open	The automatic document feeder (ADF) cover is open.	Close the cover.
Standard Bin Full Bin [x] Full [bin name] Full	The standard bin is full. x represents the number of the bin that is full. [bin name] specifies a previously defined name for the bin, such as Mary's bin, and it is full.	Remove the stack of print media from the standard output bin or from the specified bin to clear the message.
Staples Empty or Misfed	The staple cartridge in the finisher is empty or a staple cartridge misfed during a job. The message is on the Menu Settings Page also.	<ul style="list-style-type: none"> The message appears until a new staple cartridge is installed in the finisher. The MFP does not attempt to staple jobs while this message appears. Check the staple cartridge for a staple jam, and clear any misfed staples. Install a new staple cartridge. Cancel the current job.
Staples Low or Missing	The staple cartridge in the finisher is low on staples or the staple cartridge is not installed or is installed incorrectly. The message is on the Menu Settings Page also.	<ul style="list-style-type: none"> Install the staple cartridge correctly. Touch Continue to clear the message and continue printing without stapling. Cancel the current job.
Toner Empty	The toner cartridge is empty. The Menu Settings Page shows the level. It takes an unspecified amount of time for the MFP to read the level of toner. Until the level is read, the MFP does not show the message.	<ul style="list-style-type: none"> The message is cleared automatically when the cover or door over the toner cartridge is opened or if the MFP power is turned off and then on. Replace the toner cartridge. If it is not replaced, the MFP issues the message again when the door or cover is closed.
Toner Low	The toner cartridge is low on toner. The Menu Settings Page shows the level. It takes an unspecified amount of time for the MFP to read the level of toner. Until the level is read, the MFP does not show the message.	<ul style="list-style-type: none"> The message clears automatically when the cover or door over the toner cartridge is opened or if the MFP power is turned off and then on. Replace the toner cartridge. If it is not replaced, the MFP issues the message again when the door or cover is closed.
Tray [x] Empty	x represents the number of the tray. The tray has no print media installed.	<ol style="list-style-type: none"> 1 Remove the tray. The message clears. 2 Install print media in the tray according to the <i>User's Guide</i>. 3 Insert the tray.
Tray [x] Low	x specifies the number of the tray that is low.	Load print media into the specified tray to clear the message.
Tray [x] Missing	x represents the number of the tray missing from the MFP. The message is on the Menu Settings Page also.	Insert the tray to clear the message.
Waiting	The MFP receives a page of data to print but waits for an End of Job command, a Form Feed command, or additional data.	<p>Press Stop. Touch Continue to print the contents of the buffer.</p> <p>Cancel the current job.</p> <p>Wait for the message to clear.</p>

Fax status messages

Fax status messages

Message	Meaning
Answering	The MFP is answering a fax call.
Call complete	A fax call is completed.
Connect <x>bps	The fax is connected. <x> is the baud rate per second.
Dialing	A fax number is dialed. If the number is too long to fit on the screen only the word Dialing appears.
Fax failed	The fax failed to send.
Job stored for delayed transmission.	The scanning completes for a delayed send fax job.
Line busy	A fax number is dialed, but the fax line is busy.
No answer	A fax number is dialed, but no connection is made.
No dial tone	The MFP does not have a dial tone.
Queued for sending	The scanning process of a fax job completed, but it is not sent yet because another fax job is being sent or received. As this one job waits for its turn, this message appears for three seconds.
Receive complete	The MFP has received an entire fax job.
Receiving page [n]	The MFP receives page [n] of the fax job, where n is the number of the page received.
Sending page [n]	The MFP sends page [n] of the fax job, where n is the number of the page sent.
Set clock	The Real Time Clock is not set. This message appears if no other fax status message appears. It remains until the clock is set. Set the clock.
Waiting for redial	The MFP is waiting to redial the fax number.

Cancel jobs messages

Message	Meaning
Deleting selected job(s)	The Delete button is touched after jobs have been selected.
Job cannot be deleted	A job in the job list is touched, but it cannot be canceled.
No jobs selected	The Delete button is touched when no jobs are selected.

Password and PIN messages

Message	Meaning	Action
Invalid or incorrect password.	An incorrect password is entered.	Touch Continue to return to the screen to enter a correct password.
Invalid PIN.	An incorrect Personal Identification Number (PIN) is entered.	Touch Continue to return to the screen to enter a correct PIN.

Copy, e-mail, fax, FTP, and scan button messages

Message	Meaning	Action
Insufficient resources. Try again when the system is idle.	There are not enough system resources at this time.	Try again after the current job is complete.
System busy, preparing resources for job.	Not all resources needed for the job are available.	Wait for the message to clear.
System busy, preparing resources for job. Deleting held job(s).	Not all resources needed for the job are available. Some held jobs are deleted to free system memory.	Wait for the message to clear.

Attendance messages

Attendance messages indicate errors that the user may need to resolve before continuing to print, scan, fax, e-mail, or use FTP.

Message	Meaning	Action
Change [src] to [Custom String]	Lets the user override the current print media source for the remainder of the print job. The formatted page prints as is on the print media installed in the tray. This may cause clipping of text or images.	<p>Touch Use current [src] to ignore the message and print on the print media loaded in the tray.</p> <p>Touch Continue:</p> <ul style="list-style-type: none"> • which continues the job if the correct size and type are loaded in the tray, and this size and type are specified in the Paper Menu using the control panel. • which is ignored if there is no print media in the tray. <p>Touch Cancel job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Change [src] to [Custom String] load [orientation]	<p>This message appears only for Letter and A4 print media sizes.</p> <p>Lets the user override the current print media source for the remainder of the print job. The formatted page prints as is on the print media installed in the tray. This may cause clipping of text or images.</p>	<p>Touch Use current [src] to ignore the message and print on the print media loaded in the tray.</p> <p>Touch Continue:</p> <ul style="list-style-type: none"> • which continues the job if the correct size and type are loaded in the tray, and this size and type are specified in the Paper Menu using the control panel. • which is ignored if there is no print media in the tray. <p>Touch Cancel job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Change <src> to <Custom Type Name>	New print media is required to finish a print job.	<p>Load the indicated source with the requested size and type of print media.</p> <p>Touch Continue to print with print media currently in the tray.</p>

Attendance messages

Message	Meaning	Action
Change <src> to <Custom Type Name>, load [orientation]	<p>Note: This message appears only for Letter and A4 print media sizes.</p> <p>Lets the user override the current print media source for the remainder of the print job. The formatted page prints as is on the print media installed in the tray. This may cause clipping of text or images.</p>	<p>Touch Use current [src] to ignore the message and print on the print media loaded in the tray.</p> <p>Touch Continue:</p> <ul style="list-style-type: none"> • which continues the job if the correct size and type are loaded in the tray, and this size and type are specified in the Paper Menu using the control panel. • which is ignored if there is no print media in the tray.
Change [src] to [size]	<p>Lets the user override the current print media source for the remainder of the print job. The formatted page prints as is on the print media installed in the tray. This may cause clipping of text or images.</p>	<p>Touch Use current [src] to ignore the message and print on the print media loaded in the tray.</p> <p>Touch Continue:</p> <ul style="list-style-type: none"> • which continues the job if the correct size and type are loaded in the tray, and this size and type are specified in the Paper Menu using the control panel. • which is ignored if there is no print media in the tray. <p>Touch Cancel job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Change [src] to [size] load [orientation]	<p>Note: This message appears only for Letter and A4 print media sizes.</p> <p>Lets the user override the current print media source for the remainder of the print job. The formatted page prints as is on the print media installed in the tray. This may cause clipping of text or images.</p>	<p>Touch Use current [src] to ignore the message and print on the print media loaded in the tray.</p> <p>Touch Continue:</p> <ul style="list-style-type: none"> • which continues the job if the correct size and type are loaded in the tray, and this size and type are specified in the Paper Menu using the control panel. • which is ignored if there is no print media in the tray. <p>Touch Cancel job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Change [src] to [size] [type]	<p>Lets the user override the current print media source for the remainder of the print job. The formatted page prints as is on the print media installed in the tray. This may cause clipping of text or images.</p>	<p>Touch Use current [src] to ignore the message and print on the print media loaded in the tray.</p> <p>Touch Continue:</p> <ul style="list-style-type: none"> • which continues the job if the correct size and type are loaded in the tray, and this size and type are specified in the Paper Menu using the control panel. • which is ignored if there is no print media in the tray. <p>Touch Cancel job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>

Attendance messages

Message	Meaning	Action
Change [src] to [size] [type] load [orientation]	Lets the user override the current print media size for the remainder of the print job. The formatted page prints as is on the print media installed in the tray. This may cause clipping of text or images.	Touch Use current [src] to ignore the message and print on the print media loaded in the tray. Touch Continue : <ul style="list-style-type: none"> • which continues the job if the correct size and type are loaded in the tray, and this size and type are specified in the Paper Menu using the control panel. • which is ignored if there is no print media in the tray. Touch Cancel job to cancel the current job if needed. Touch Reset Active Bin to change to another linked bin.
Check [src] guides	Occurs when the source is configured for a media size that the MFP does not support or when a sheet of print media that is shorter or longer than expected prints from a source.	Touch Continue to cause the MFP to not recognize tray [x]. Tray [x] and all trays installed below it are ignored. [src] is Tray 1, 2, 3, 4, 5, or MP Feeder. The message clears when the connection is re-established.
Check [src] orientation or guides	Occurs when the MFP does not know the actual print media size loaded in a tray due to an incorrect orientation setting or because the tray guides are not set correctly for the size of print media.	Touch Continue to resume printing.
Close cover [x]	Cover x, where x is either Cover F which is the bridge unit assembly, sometimes called the horizontal transfer unit (HTU), or Cover K, which is the high capacity 2000-sheet feeder, is open.	Close the specified cover to clear the message.
Close door [x]	Door x, where x is A, B, C, D, E, G or J, is open.	Close the specified door to clear the message.
Close surface H	Surface H is the door on the finisher which is below the top output bin.	Close surface H (door) to clear the message.
Disk corrupted	Occurs when the MFP attempts a hard disk recovery on a corrupted hard disk, and the hard disk cannot be repaired. The hard disk must be reformatted.	Touch Reformat disk to reformat the hard disk and clear the message. Warning: All files stored on the hard disk are deleted.
Disk Full - Scan Job Canceled	The scan job cancels or stops due to insufficient hard disk space.	Note: The scanner finishes scanning currently committed pages in the ADF, but data is lost when the job cancels itself. Touch Continue to clear the message.
Empty the hole punch box	The hole punch box is full. The hole punch does not function again until it is emptied.	<ol style="list-style-type: none"> 1 Empty the hole punch box. 2 Replace it in the MFP. 3 Touch Continue to clear the message.
Insert the hole punch box	The hole punch box is removed from the MFP. The hole punch does not function again until the box is inserted.	<ol style="list-style-type: none"> 1 Insert the hole punch box. 2 Touch Continue to clear the message.

Attendance messages

Message	Meaning	Action
Insert tray [x]	Occurs when the MFP detects a missing tray. x can be 1, 2, 3, 4, or 5.	<p>Insert the specified tray to clear the message.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Load manual feeder with [Custom String]	Occurs when the MFP receives a manual feed request that a specific print media be loaded into the multipurpose feeder. The print media is previously defined as a custom string which appears on the control panel.	<p>Touch Continue.</p> <ul style="list-style-type: none"> If print media is in the multipurpose feeder, the job continues to print. If there is no print media in the multipurpose feeder, all requests for additional pages are automatically overridden, and print media is selected from an automatic source. <p>Touch Automatically select media to override manual requests for Manual Paper and Manual Env for the rest of the print job. All requests for additional pages are automatically overridden, and print media is selected from an automatic source.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Load manual feeder with [Custom Type Name]	Occurs when the MFP receives a manual feed request that specific print media be loaded into the multipurpose feeder. The print media is previously defined as a custom type from Custom 1 through Custom 6. The custom type name appears on the control panel.	<p>Touch Continue.</p> <ul style="list-style-type: none"> If print media is in the multipurpose feeder, the job continues to print. If there is no print media in the multipurpose feeder, all requests for additional pages are automatically overridden, and print media is selected from an automatic source. <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Load manual feeder with [size]	Occurs when the MFP receives a manual feed request for a specific size of print media when none is loaded into the multipurpose feeder.	<p>Feed a sheet of print media into the multipurpose feeder to clear the message and continue the job.</p> <p>Touch Continue if print media is in the multipurpose feeder. The job continues.</p> <p>Touch Continue if there is no print media in the multipurpose feeder. All requests for additional pages are automatically overridden, and print media is selected from an automatic source.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>

Attendance messages

Message	Meaning	Action
Load manual feeder with [type] [size]	Occurs when the MFP receives a manual feed request for a specific size and type of print media when none is loaded into the multipurpose feeder.	<p>Touch Continue if print media is in the multipurpose feeder. The job continues.</p> <p>Touch Continue if there is no print media in the multipurpose feeder. All requests for additional pages are automatically overridden, and print media is selected from an automatic source.</p> <p>Touch Automatically select media to override manual requests for Manual Paper and Manual Env for the rest of the print job. All requests for additional pages are automatically overridden and print media is selected from an automatic source.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Load [src] with [Custom String]	Occurs when a source is loaded with an incorrect print media size and type as specified in the Paper Menu.	<p>Touch Continue. Load the specified source that is set for the requested size and type.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Load [src] with [Custom Type Name]	Occurs when a source is loaded with an incorrect print media size and type as specified in the Paper Menu.	<p>Touch Continue. Load the specified source that is set for the requested size and type.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Load [src] with [size]	Occurs when a source is loaded with an incorrect print media size as specified in the Paper Menu.	<p>Touch Continue. Load the specified source that is set for the requested size.</p> <p>Touch Automatically select media to override manual requests for Manual Paper and Manual Env for the rest of the print job. All requests for additional pages are automatically overridden, and print media is selected from an automatic source.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Load [src] with [type] [size]	Occurs when the MFP requests that a specific media source be loaded with a specific type and size as specified in the Paper Menu, but the current source contains an incorrect media size and type.	<p>Touch Continue. Load the specified source that is set for the requested size and type.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
Load Staples	The staple cartridge in the finisher is empty.	<p>Touch Continue. The message is cleared. The staple function ceases to work until a new staple cartridge is installed.</p> <p>Install a new staple cartridge to clear the message and continue printing the staple job.</p> <p>Touch Cancel Job to cancel the current job if needed.</p>

Attendance messages

Message	Meaning	Action
Remove paper from all bins	All output bins are full of print media.	Remove the stacks of print media from each output bin to clear the message and resume printing. Touch Continue to make the MFP recheck the output levels in the bins.
Remove paper from bin [x]	The specified output bin is full of print media. x is the number of the bin.	Remove the stack of print media from the output bin to clear the message and resume printing. Touch Continue to make the MFP recheck the output level in the bin.
Remove paper from [linked set bin name]	Two or more output bins are linked as a set to appear as one large bin, and a bin name is assigned. The bins in the set are full. For example, Bins 1, 2, and 3 could be linked and given the name Office Manager Bin for the office manager of a company to use. The assigned bin name appears on the control panel.	Remove the stacks of print media from each output bin in the set to clear the message and resume printing. Touch Continue to make the MFP recheck the output levels in the set of bins.
Remove paper from standard output bin	The standard output bin is full of print media.	Remove the stack of print media from the bin to clear the message and resume printing. Touch Continue to make the MFP recheck the output level in the standard output bin.
Replace all originals if restarting job.	One or more messages which interrupted a scan job are now cleared. Replace the original documents in the scanner to restart the scan job.	Touch Cancel Job if a scan job is processing when the attendance message appears. This cancels the job and clears the message. Touch Scan from Automatic Document Feeder if the page jam recovery is active. Scanning resumes from the ADF immediately after the last successfully scanned page. Touch Scan from flatbed if page jam recovery is active. Scanning resumes from the flatbed immediately after the last successfully scanned page. Touch Finish job without further scanning if page jam recovery is active. The job ends at the last successfully scanned page, but the job is not canceled. Successfully scanned pages go to their destination: copy, fax, e-mail or FTP. Touch Restart job if job recovery is active and the job is restartable. The message clears. A new scan job containing the same parameters as the previous job starts.
Restore held jobs?	Held jobs are found on the hard disk after a power-on reset of the MFP.	Touch Yes to restore the held jobs to the hard disk and make them available. The jobs data remains on the hard disk; however, the job control information is stored in the MFP memory. Touch Quit to stop restoring held jobs before all jobs are restored. Unrestored jobs remain on the hard disk and are retrievable again only at the next power-on reset. Note: A pop-up screen appears to indicate Restoring held jobs(s) xxx/yyy, where xxx indicates the number of the current job being restored, and yyy is the total number of jobs to be restored. Touch Do not restore to have the held jobs remain on the hard disk until they are deleted.

Attendance messages

Message	Meaning	Action
Scan Document Too Long	The scan job exceeds the maximum number of pages.	<p>Note: The scanner finishes scanning current pages in the ADF, but data is lost when the job cancels itself after reaching the maximum number of pages.</p> <p>Touch Continue to clear the message.</p> <p>Touch Cancel Job to clear the message if the job is restartable.</p> <p>Touch Restart job if the job is restartable. The message clears, and a new scan job containing the same parameters as the previous job starts.</p>
Scanner ADF Cover Open	The scanner automatic document feed cover is open.	The message clears when the cover is closed.
Some held jobs were lost	Occurs when the MFP tries to restore all jobs on a hard disk regardless of the number of held jobs not restored. The message appears once.	<p>Touch Continue to clear the message.</p> <p>Some held jobs are not restored. They stay on the hard disk and are inaccessible.</p>
1565 Emul error, load emulation option	<p>The download emulator contained in the firmware card does not function with the MFP firmware.</p> <p>Note: The MFP automatically clears the message in 30 seconds and then disables the download emulator on the firmware card.</p>	For help downloading the correct download emulator version, contact the place where you bought your printer.
31 Defective or missing toner cartridge	A defective toner cartridge is detected by the MFP, or the toner cartridge is not installed.	Replace the defective cartridge with a new one, or install the toner cartridge for printing to continue.
32 Replace unsupported toner cartridge	An unsupported toner cartridge is installed.	Remove the toner cartridge, and install a supported one for printing to continue.
34 Incorrect media, check [src] guides	<p>Several problems may exist.</p> <ul style="list-style-type: none"> • The MFP may not know the actual print media size loaded in a tray due to incorrect orientation. • The tray or multipurpose feeder guides may not be in the proper location. • The print media size loaded is incorrect. 	<p>1 Open the tray.</p> <p>2 Adjust the guides in the tray or the multipurpose feeder.</p> <p>3 Close the tray.</p> <p>Touch Continue to clear the message and continue printing.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
35 Insufficient memory to support Resource Save feature	The MFP lacks the memory needed to enable Resource Save. This message usually indicates too much memory is allocated for one or more of the MFP link buffers.	<p>Touch Continue to disable Resource Save and continue printing.</p> <p>Install additional memory.</p>
37 Insufficient memory for Flash Memory Defragment operation	The MFP cannot defragment flash memory because the memory used to store undeleted flash resources is full.	<p>Touch Continue to clear the message.</p> <p>To perform the defragment operation, install additional memory, or delete fonts, macros, and other data to free some memory space.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>

Attendance messages

Message	Meaning	Action
37 Insufficient memory to collate job	The MFP cannot collate the job because the memory is full.	Touch Continue to print the pages processed before the memory became full. Some memory frees up, so collating begins for the remainder of the print job. For example, if a 50-page print job is sent, and 10 copies are requested, and the MFP runs out of memory at page 30, pages 1–30 would collate and print 10 copies. The MFP would then print and collate pages 31–50 and print 10 copies of these pages.
37 Insufficient memory, some held jobs were lost	The MFP depletes its memory while it attempts to restore held jobs. The message appears once.	Some held jobs are not restored. They stay on the hard disk and are inaccessible.
37 Insufficient memory, some Held Jobs were lost	Held jobs are deleted in order to process the current job. The message appears once per job.	Touch Continue to clear the message and continue printing. To avoid this error in the future for other jobs, install more memory. Touch Cancel Job to cancel the current job if needed.
38 Memory full	The MFP is processing data, but the memory used to store pages is full.	To avoid this error in the future: Simplify the print job by reducing the amount of text or graphics on a page and deleting unnecessary downloaded fonts or macros. Install additional memory. Touch Cancel Job to cancel the current job if needed. Touch Reset Active Bin to change to another linked bin.
39 Page is too complex to print	The page may not print correctly because the print information on the page is too complex.	To avoid this error in the future: Reduce the complexity of the page by reducing the amount of text or graphics on the page and deleting unnecessary downloaded fonts or macros. Set Page Protect to On in the Setup Menu in the Settings menu. Install additional memory. Touch Cancel Job to cancel the current job if needed. Touch Reset Active Bin to change to another linked bin.
50 PPDS font error	The MFP has received a request for a font that is not installed when formatting PPDS print data.	Touch Continue to clear the message and continue printing the current job. Touch Cancel Job to cancel the current job if needed. Touch Reset Active Bin to change to another linked bin.
51 Defective flash detected	The MFP detects a defective flash memory during power-on or during flash format and write operations.	Touch Continue to clear the message and continue printing the current job. At power-on reset, touch Continue to clear the message and the MFP continues with normal operations except for flash operations. Install different flash memory to be able to download any resources to flash.

Attendance messages

Message	Meaning	Action
52 Not enough free space in flash memory for resources	There is not enough space in the flash memory to store the data currently being downloaded.	<p>Touch Continue to clear the message and continue the print job.</p> <p>Install flash memory with more storage capacity.</p> <p>Download the data.</p> <p>Touch Cancel Job to cancel the current job if needed.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>
52 Unformatted flash detected	The MFP detects unformatted flash memory.	<p>Touch Continue to clear the message and continue printing. The MFP continues with normal operations except for flash operations.</p> <p>Reformat the flash to allow flash operations.</p> <p>If the error message reappears, the flash memory may be defective and require replacing.</p>
54 Network [x] software error	The MFP cannot establish communications with a specified installed network port. x indicates the number of the specified port.	<ul style="list-style-type: none"> • Touch Continue to clear the message and continue printing. The job may not print correctly. • The MFP disables attempts to communicate through the network interface. No data may be sent or received. • Reset the MFP. • Program new firmware for the network interface.
54 Serial option [x] error	The MFP detects a serial error, such as framing, parity, or overrun on the specified optional serial port. x is the number of the optional serial port.	<ul style="list-style-type: none"> • Make sure the serial link is set up correctly, and the appropriate cable is in use. • Make sure the serial interface parameters (protocol, baud, parity, and data bits) are set correctly on the printer and host computer. • Touch Continue to clear the message and continue processing the print job; however the print job may not print correctly. • Turn the MFP off and then on to reset it.
54 Standard network software error	The MFP firmware detects an installed network port, but cannot establish communication with it.	<ul style="list-style-type: none"> • Touch Continue to clear the message and continue printing. The job may not print correctly. • The MFP disables attempts to communicate through the network interface. No data may be sent or received. • Reset the MFP. • Program new firmware for the network interface.
55 Unsupported option in slot [x]	The MFP detects an unsupported option in the specified slot. x indicates the number of the specified slot.	<ol style="list-style-type: none"> 1 Turn the MFP off. 2 Unplug the power cord from the wall outlet. 3 Remove the unsupported option. 4 Connect the power cord to a properly grounded outlet. 5 Turn the MFP on.
56 Parallel port [x] disabled	A status request occurs over the parallel port, but the parallel port is disabled.	<p>Touch Continue. The MFP discards any data received on the parallel port.</p> <p>Touch Reset Active Bin to reset the active bin for a linked set of bins.</p>
56 Serial port [x] disabled	The MFP receives data across a serial port, but the port is disabled.	<p>Touch Continue. The MFP discards any data received on the serial port.</p> <p>Touch Reset Active Bin to change to another linked bin.</p>

Attendance messages

Message	Meaning	Action
56 Standard USB port disabled	The MFP receives data through a USB port, but the USB port is disabled.	Touch Continue . The printer discards any data received through the USB port. Make sure the USB Buffer menu item is not set to Disabled. Touch Reset Active Bin to change to another linked bin.
56 USB port [x] disabled	The MFP receives data through a specified USB port, but this USB port is disabled. x is the number of the USB port.	Touch Continue . The MFP discards any data received through the specified USB port. Make sure the USB Buffer menu item is not set to Disabled. Touch Reset Active Bin to change to another linked bin.
57 Configuration change, some held jobs were lost	The MFP fails to restore held jobs due to configuration changes. The message appears once.	Some held jobs are not restored. They stay on the hard disk and are inaccessible.
58 Too many disks installed	The MFP detects an excess of hard disks installed.	<ol style="list-style-type: none"> 1 Turn the MFP off. 2 Unplug the power cord from the wall outlet. 3 Remove the excess hard disks. 4 Connect the power cord to a properly grounded outlet. 5 Turn the MFP on.
58 Too many flash options installed	The MFP detects an excess of optional flash memory cards installed.	<p>Touch Continue to clear the message and ignore the extra optional flash memory cards. The message occurs again unless the excess optional flash memory cards are removed.</p> <ol style="list-style-type: none"> 1 Turn the MFP off. 2 Unplug the power cord from the wall outlet. 3 Remove the excess flash memory. 4 Connect the power cord to a properly grounded outlet. 5 Turn the MFP on.
58 Too many trays attached	The MFP detects that too many optional drawers and their matching trays are installed.	<ol style="list-style-type: none"> 1 Turn the MFP off. 2 Unplug the power cord from the wall outlet. 3 Remove the additional drawers. 4 Connect the power cord to a properly grounded outlet. 5 Turn the MFP on.
61 Remove defective disk	The MFP detects a defective hard disk.	<ol style="list-style-type: none"> 1 Turn the MFP off. 2 Unplug the power cord from the wall outlet. 3 Remove the defective hard disk. 4 Install a new hard disk. 5 Connect the power cord to a properly grounded outlet. 6 Turn the MFP on.
62 Disk full	The MFP detects that there is not enough memory or space on the hard disk to store the data of the print job.	<p>Touch Continue to clear the message and continue processing the current print job. Any information not previously stored on the hard disk is deleted.</p> <ul style="list-style-type: none"> • Delete fonts, macros, and other data stored on the hard disk. • Install a hard disk with a larger memory capacity.

Attendance messages

Message	Meaning	Action
63 Unformatted disk	The hard disk is not formatted.	Format the hard disk prior to performing operations that require the hard disk. If the message remains, the hard disk may be defective and require replacing.
64 Unsupported disk format	The hard disk format is not supported.	Format the hard disk prior to performing operations that require the hard disk. If the message remains, the hard disk may be defective and require replacing.
80 Scheduled maintenance advised	Service is required to maintain printer performance.	Replace the maintenance items and if necessary, reset the printer maintenance counter.
84 Insert PC unit	The photoconductor unit is missing from the MFP.	Install the photoconductor unit. Touch Continue to clear the message.
84 PC unit abnormal	An unacceptable photoconductor unit is installed.	Remove the unacceptable photoconductor unit, and replace it with a new one.
84 PC unit life warning	The photoconductor unit is nearing its end of use, called life, in the MFP.	Order a photoconductor unit. When print quality is reduced, install the new photoconductor unit using the instruction sheet that comes with it. Touch Continue if Toner Alarm is set to On.
84 Replace PC unit	The photoconductor unit needs to be replaced.	Replace the photoconductor unit to ensure quality printing.
88 Replace toner	The toner cartridge needs to be replaced.	Replace the toner cartridge to ensure quality printing.
88 Toner is low	The toner cartridge is running low on toner.	Replace the toner cartridge if the toner low alarm sounds. Touch Continue to clear the message if the toner low alarm does not sound.
200.yy Paper jam, check area [x]. Leave paper in bin.	There is a single jam in the specified area indicated by x.	<ol style="list-style-type: none"> 1 Open Door A. 2 Clear the jam, and close Door A. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
200.yy Paper jam,[x] pages jammed. Leave paper in bin.	There is a multiple jam. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Open Door A. 2 Clear the jam, and close Door A. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
201.yy Paper jam, check area [x]. Leave paper in bin.	There is a single jam in the specified area indicated by x.	<ol style="list-style-type: none"> 1 Open Door A. 2 Clear the jam, and close Door A. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
201.yy Paper jam,[x] pages jammed. Leave paper in bin.	There are multiple jams. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Open Door A. 2 Clear the jam, and close Door A. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
202.yy Paper jam, check area [x]. Leave paper in bin.	There is a single jam in the specified area indicated by x.	<ol style="list-style-type: none"> 1 Open Door A. 2 Clear the jam, and close Door A. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.

Attendance messages

Message	Meaning	Action
202.yy Paper jam,[x] pages jammed. Leave paper in bin.	There are multiple jams. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Open the rear door. 2 Clear the jams, and close the rear door. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
203.yy Paper jam, check [area name]. Leave paper in bin.	There is a single jam in the specified area indicated by the area name . area name is either Door A or E.	<p>Note: Door A must be opened before Door E is opened.</p> <ol style="list-style-type: none"> 1 Open Door A. If the jam cannot be seen, open Door E. 2 Clear the jam, and close the doors. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
203.yy Paper jam,[x] pages jammed. Leave paper in bin.	There are multiple jams. x indicates the number of jammed sheets of print media.	<p>Note: Door A must be opened before Door E is opened.</p> <ol style="list-style-type: none"> 1 Open Door A. If the jam cannot be seen, open Door E. 2 Clear the jam, and close the doors. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
230.yy Paper jam, check [area name]. Leave paper in bin.	There is a single jam in the specified area indicated by the area name . area name is either A, D, or E.	<p>Note: Door A must be opened before Door E is opened.</p> <ol style="list-style-type: none"> 1 Open Door A, D, or E. 2 Clear the jam, and close Door A, D, or E. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
230.yy Paper jam,[x] pages jammed. Leave paper in bin.	There are multiple jams. x indicates the number of jammed sheets of print media.	<p>Note: Door A must be opened before Door E is opened.</p> <ol style="list-style-type: none"> 1 Open Door A, D, or E. 2 Clear the jam, and close Door A, D, or E. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
231.yy Paper jam, check area [x]. Leave paper in bin.	There is a single jam in the specified area indicated by x.	<p>Note: Door A must be opened before Door E is opened.</p> <ol style="list-style-type: none"> 1 Open Door A, D, or E. 2 Clear the jam, and close Door A, D, or E. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
24x.yy Paper jam, check [area name]. Leave paper in bin.	There is a single jam in the specified area indicated by area name . area name is the number of the tray.	<ol style="list-style-type: none"> 1 Remove the specified tray. 2 Clear the jam, and insert the tray. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
24x.yy Paper jam, [x] pages jammed. Leave paper in bin.	There are multiple jams. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Remove the specified tray. 2 Clear the jams, and insert the tray. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
250.yy Paper jam, check [area name]. Leave paper in bin.	There is a single jam in the specified area indicated by area name . area name is the multipurpose feeder.	<ol style="list-style-type: none"> 1 Clear the jam from the multipurpose feeder. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
250.yy Paper jam, [x] pages jammed. Leave paper in bin.	There are multiple jams in the multipurpose feeder. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Clear the jams from the multipurpose feeder. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.

Attendance messages

Message	Meaning	Action
280.yy Paper jam, check area [x]. Remove paper from bin.	There is a single jam in the specified area indicated by x. x is the number of the output bin.	<ol style="list-style-type: none"> 1 Clear the jam from the specified bin. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
280.yy Paper jam, [x] pages jammed. Remove paper from bin.	There are multiple jams in the bin. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Clear the jams from the bin. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
281.yy Paper jam, check area [x]. Remove paper from bin.	There is a single jam in the specified area indicated by x. x is the number of the output bin.	<ol style="list-style-type: none"> 1 Clear the jam from the specified bin. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
281.yy Paper jam, [x] pages jammed. Remove paper from bin.	There are multiple jams in the bin. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Clear the jams from the bin. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
282 Paper jam, check [area name]. Remove paper from bin.	There is a single jam in the specified area indicated by area name. area name is area F.	<ol style="list-style-type: none"> 1 Clear the jam from area F. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing. <p>Note: After the message clears, the MFP does not reprint any pages located in the finisher accumulator for stapling.</p>
282 Paper jam, [x] pages jammed. Remove paper from bin.	There are multiple jams. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Clear the jams from area F. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing. <p>Note: After the message clears, the MFP does not reprint any pages located in the finisher accumulator for stapling.</p>
283 Paper jam, check area [x]. Remove paper from bin.	There is a single jam in the specified area indicated by x. x is the number of the output bin, such as Bin 1, Bin 2, and so on.	<ol style="list-style-type: none"> 1 Clear the jam from the specified bin. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
283 Paper jam, [x] pages jammed. Remove paper from bin.	There are multiple jams in the bin. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Clear the jams from the bin. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
284 Paper jam, check [area name].	There is a single jam in the specified area indicated by area name. area name could be areas F, G, or H.	<ol style="list-style-type: none"> 1 Clear the jam from the specified area. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
284 Paper jam, [x] pages jammed.	There are multiple jams. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Clear the jams from areas F, G, or H. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
285 Paper jam, check [area name].	There is a single jam in the specified area which is area H.	<ol style="list-style-type: none"> 1 Clear the jam from area H. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
285 Paper jam, [x] pages jammed.	There are multiple jams in the specified area which is area H.	<ol style="list-style-type: none"> 1 Clear the jams from area H. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
286 Paper jam, check [area name].	There is a single jam in the specified area which is area H.	<ol style="list-style-type: none"> 1 Clear the jam from area H. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
286 Paper jam, [x] pages jammed.	There are multiple jams in the specified area which is area H.	<ol style="list-style-type: none"> 1 Clear the jams from area H. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.

Attendance messages

Message	Meaning	Action
287 Paper jam, check [area name].	There is a single jam in the specified area indicated by area name . area name can be areas F or G.	<ol style="list-style-type: none"> 1 Clear the jam from areas F or G. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
287 Paper jam, [x] pages jammed.	There are multiple jams in areas F or G. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Clear the jams from areas F or G. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
288 Paper jam, check [area name].	There is a single jam in the specified area indicated by area name . area name can be areas F or G.	<ol style="list-style-type: none"> 1 Clear the jam from areas F or G. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
288 Paper jam, [x] pages jammed.	There are multiple jams in areas F or G. x indicates the number of jammed sheets of print media.	<ol style="list-style-type: none"> 1 Clear the jams from areas F or G. 2 Touch Continue. If all print media is cleared from the path, the job resumes printing.
289.yy Staple error, check area G. Remove paper from bin.	There is a single staple jam in area G.	<ol style="list-style-type: none"> 1 Clear the staple jam. 2 Remove the print media from the bin. 3 Touch Continue. If all print media is cleared from the path, the job resumes printing.
290.00 Scanner jam, remove all originals from the scanner	The scanner detects an original document at the automatic document feeder (ADF) feed sensor while it is idle. This is a type of jam.	Remove all original documents from the ADF to clear the jam. The message clears.
290.01 Scanner jam, remove all originals from the scanner	The scanner detects a jam.	Remove all original documents from the scanner to clear the jam. The message clears.
290.02 Scanner jam, remove all originals from the scanner	The scanner detects a jam.	Remove all original documents from the scanner to clear the jam. The message clears.
290.03 Scanner jam, remove all originals from the scanner	The scanner detects a jam.	Remove all original documents from the scanner to clear the jam. The message clears.
290.10 Scanner jam, remove all originals from the scanner	The scanner detects an original document jam at the ADF pre-registration sensor while the scanner is idle.	Remove all original documents from the scanner to clear the jam. The message clears.
290.11 Scanner jam, remove all originals from the scanner	The scanner detects a jam.	Remove all original documents from the scanner to clear the jam. The message clears.
290.12 Scanner jam, remove all originals from the scanner	The scanner detects a jam.	Remove all original documents from the scanner to clear the jam. The message clears.
290.13 Scanner jam, remove all originals from the scanner	The scanner detects a jam.	Remove all original documents from the scanner to clear the jam. The message clears.
290.14 Scanner jam, remove all originals from the scanner	The scanner detects a jam while inverting the original document.	Remove all original documents from the scanner to clear the jam. The message clears.
290.15 Scanner jam, remove all originals from the scanner	The scanner detects a jam while inverting the original document.	Remove all original documents from the scanner to clear the jam. The message clears.
290.20 Scanner jam, remove all originals from the scanner	The scanner detects a jam at all ADF size sensors while the scanner is idle.	Remove all original documents from the scanner to clear the jam. The message clears.

Attendance messages

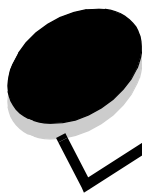
Message	Meaning	Action
290.21 Scanner jam, remove all originals from the scanner	The scanner detects a jam at the ADF size sensor 1 while the scanner is idle.	Remove all original documents from the scanner to clear the jam. The message clears.
290.22 Scanner jam, remove all originals from the scanner	The scanner detects a jam at the ADF size sensor 2 while the scanner is idle.	Remove all original documents from the scanner to clear the jam. The message clears.
290.23 Scanner jam, remove all originals from the scanner	The scanner detects a jam at the ADF size sensor 3 while the scanner is idle.	Remove all original documents from the scanner to clear the jam. The message clears.
290.90 Scanner jam, remove all originals from the scanner	The scanner detects a jam at the feed motor.	Remove all original documents from the scanner to clear the jam. The message clears.
291.00 Scanner jam, remove all originals from the scanner	The scanner detects a jam at the ADF registration sensor while the scanner is idle.	Remove all original documents from the scanner to clear the jam. The message clears.
291.01 Scanner jam, remove all originals from the scanner	There is a jam in the scanner which occurred while the original document was being inverted in the ADF, but the invert sensor is turned off.	Remove all original documents from the scanner to clear the jam. The message clears.
291.02 Scanner jam, remove all originals from the scanner	The scanner detects a jam while inverting the original document in the ADF, and the invert sensor is turned on.	Remove all original documents from the scanner to clear the jam. The message clears.
291.03 Scanner jam, remove all originals from the scanner	There is a jam in the ADF, but the invert sensor is turned off.	Remove all original documents from the scanner to clear the jam. The message clears.
293 Replace all originals if restarting job.	The MFP is sent a scan job; however, there is no original document in the ADF.	<p>Touch Continue if no scan job is active when the attendance message appears. This clears the message.</p> <p>Touch Cancel Job if a scan job is processing when the attendance message appears. This cancels the job and clears the message.</p> <p>Touch Scan from Automatic Document Feeder if the page jam recovery is active. Scanning resumes from the ADF immediately after the last successfully scanned page.</p> <p>Touch Scan from flatbed if page jam recovery is active. Scanning resumes from the flatbed immediately after the last successfully scanned page.</p> <p>Touch Finish job without further scanning if page jam recovery is active. The job ends at the last successfully scanned page, but the job is not canceled. Successfully scanned pages go to their destination: copy, fax, e-mail, or FTP.</p> <p>Touch Restart job if job recovery is active and the job is restartable. The message clears. A new scan job containing the same parameters as the previous job starts.</p>
294.00 Scanner jam, remove all originals from the scanner	The scanner detects a jam at the ADF invert sensor while the scanner is idle.	Remove all original documents from the scanner to clear the jam. The message clears.
294.01 Scanner jam, remove all originals from the scanner	The scanner detects a jam in the ADF when the pre-registration sensor is on to recognize the scan of side (page) 2 of a sheet.	Remove all original documents from the scanner to clear the jam. The message clears.

Functions disabled transitional messages

Message	Meaning	Action
294.02 Scanner jam, remove all originals from the scanner	The scanner detects a jam in the ADF when the pre-registration sensor is off while inverting the original document.	Remove all original documents from the scanner to clear the jam. The message clears.
295.00 Scanner jam, remove all originals from the scanner	The scanner detects a jam due to a mismatched size during a mixed size scan job.	Remove all original documents from the scanner to clear the jam. The message clears.
295.01 Scanner jam, remove all originals from the scanner	The scanner detects a jam due to a mismatched size during a same size scan job.	Remove all original documents from the scanner to clear the jam. The message clears.
295.02 Scanner jam, remove all originals from the scanner	The scanner detects a jam due to a prohibited mixed size scan job.	Remove all original documents from the scanner to clear the jam. The message clears.
295.03 Scanner jam, remove all originals from the scanner	The scanner determines that the length of the original document is too short to scan.	Remove all original documents from the scanner to clear the jam. The message clears. Note: Use the flatbed to scan the job.
295.04 Scanner jam, remove all originals from the scanner	The scanner determines that the length of the original document is too long to scan.	Remove all original documents from the scanner to clear the jam. The message clears. Note: Use the flatbed to scan the job.

Functions disabled transitional messages

Occurrence	Message	Information
A function is disabled. A user enters a shortcut for the function.	<Function name> turned off by system administrator	The message appears for 3 seconds, and then the previous screen appears.
The USB on the front of the control panel is turned off. A user inserts a USB cable in the slot.	USB turned off by system administrator.	The message appears for 3 seconds, and then the previous screen appears.



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