LEXMARK™

Menus and Messages

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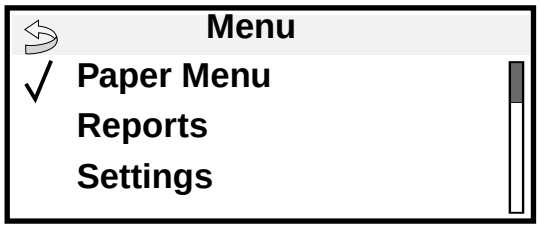
Using printer menus

A number of menus are available to make it easy for you to change printer settings. The diagram shows the menu index on the operator panel, the menus, and items available under each menu. The items in each menu and the values you can select are described in more detail later in this chapter.

Some menu items or values are displayed only if a specific option is installed on the printer. Other menu items may only be effective for a particular printer language. You can select these values at any time, but they only affect printer function when you have the optional equipment or the specified printer language.



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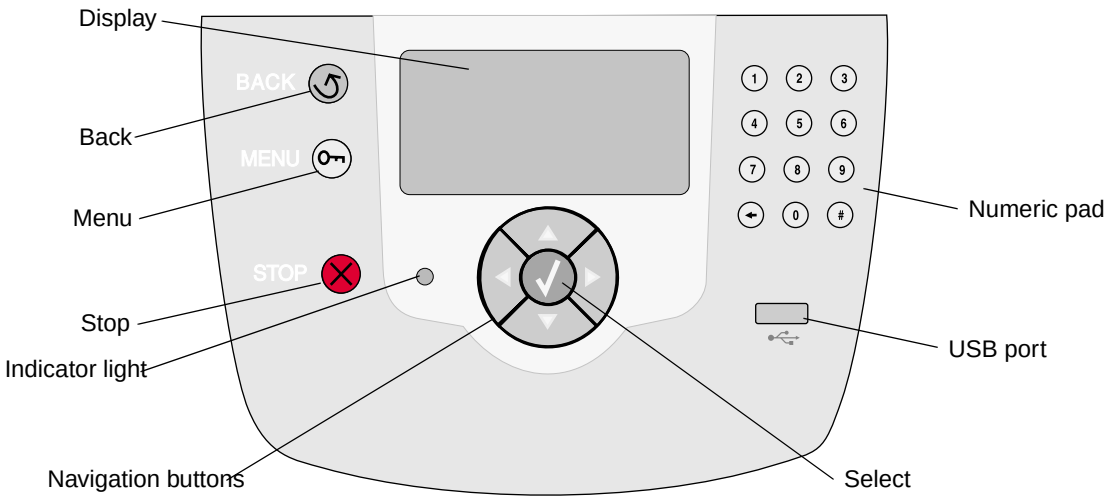
Connection Guide
Moving Guide

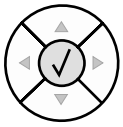
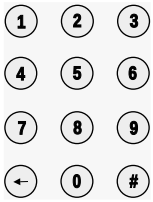
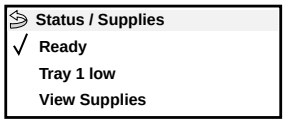
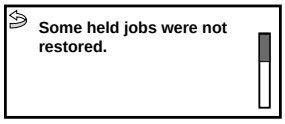
Understanding the printer operator panel

The printer operator panel is a 4-line, back-lit, gray scale display that can show both graphics and text. The Back, Menu, and Stop buttons are located to the left of the operator panel, the navigation buttons are located below the panel, and the numeric pad is located to the right of the panel.



The use of the buttons and the layout of the display is described in the following table.

Panel item	Function
Back	To return to the last screen viewed. **Note:** Changes made on a screen will not be applied if you press the **Back** button.
Menu	To open the menu index. **Note:** The printer must be in the **Ready** state to access the menu index. A message indicating the menus are unavailable will appear if the printer is not ready.
Stop	Stops the mechanical operation of the printer. After pressing **Stop**, the message **Stopping** appears. When the printer has stopped, the status line in the operator panel will show **Stopped**, and a list of options will appear.
Indicator light	A two-toned LED is used on the operator panel, one color being green and the other being red. The lights indicate whether the printer power is on, the printer is busy, idle, processing a job, or requires operator intervention. **Status** — **Indicates** Off — Power is off Solid green — Printer is on, but idle Flashing green — Printer is warming up, processing data, or printing a job. Solid red — Operator intervention is required.

Panel item	Function
Navigation buttons 	The **Up** and **Down** buttons are used to move up and down lists. When navigating through a list using the **Up** or **Down** button, the cursor moves one line at a time. Pressing the **Down** button changes the screen to the next whole page.
	The **Left** and **Right** buttons are used to move within a screen, such as moving from one menu index item to another. They are also used to scroll through text that will not fit on the screen.
	The **Select** button is used to initiate action on a selection. Press **Select** when the cursor is next to the selection you want, such as following a link, submitting a configuration item, or to start or cancel a job.
USB Direct interface	The host USB Direct interface on the operator panel is used to plug in a USB flash memory device and print PDF files. **Note:** A USB port is located on the back of the printer to connect a PC or other peripheral.
Numeric pad 	The numeric pad consists of numbers, a pound (#) sign, and a backspace button. The 5 button has a raised bump for non-visual orientation. The numbers are used to enter numeric values for items like quantities or PINs. The backspace is used to delete the number to the left of the cursor. Pressing the backspace multiple times will delete additional entries. **Note:** The pound (#) sign is not used.
Display  **Tell me more screen**  **Show me screen** 	The display shows messages and graphics describing the current state of the printer and indicating possible printer problems you must resolve. The top line of the display is the header line. If applicable, it will contain the graphic indicating the Back button can be used. It will also display the current status and the Supplies (Warnings) status. If multiple warnings are present, each warning will be separated by a comma. The other three lines of the display are the body of the screen. This is where you view printer status, supplies messages, Show me screens, and make selections.

Menu Groups

Note: An asterisk (*) next to a value indicates the default setting.

Paper Menu

Use the “Paper” Menu to define the paper loaded in each paper tray, the default paper source, and the output bin.

Default Source

Menu selection	Purpose	Values	
Default Source	Identifies the default paper source.	Tray <x>	If you loaded the same size and type of paper in two paper sources (and the Paper Size and Paper Type menu items are correctly set), the trays are automatically linked. When one paper source is empty, paper automatically feeds from the next linked source.
		MP Feeder	
		Env Feeder	
		Manual Paper	
		Manual Env	

Paper Size/Type

Note: Only installed paper sources are displayed.

This menu selection is used to set the size and type of media loaded into an input tray. Setting the paper size and type is a two-step process. In the first menu selection, *Size* appears in bold letters. After you select the media size, the screen will change, and *Type* appears in bold letters. You can then select the media type.

Menu selection	Purpose	Values	
Tray <x> **Size/**Type	Identifies the default paper size for each paper source. **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 Folio Statement Universal	If you loaded the same size and type of paper in two paper sources (and the Paper Size and Paper Type menu items are correctly set), the trays are automatically linked. When one paper source is empty, paper automatically feeds from the next linked source.

Menu selection	Purpose	Values	
Tray <x> Size**/type**	Identifies the type of paper installed in each paper 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 Glossy Labels Vinyl Labels Bond Letterhead Preprinted Colored Paper Custom Type <x>	Use this menu item to: • Optimize print quality for the specified paper. • Select paper sources through your software application by selecting type and size. Automatically link paper sources. Any sources containing the same type and size of paper are automatically linked by the printer if you have set the Paper Size and the Paper Type to the correct values.
MP Feeder **Size/**Type	Identifies the size of paper installed in the multipurpose feeder.	A4* (non-US) A5 JIS B5 Letter* (US) Legal Executive Folio Statement Universal 7 3/4 Envelope 9 Envelope 10 Envelope DL Envelope C5 Envelope Other Envelope	The multipurpose feeder is only displayed on the operator panel when Configure MP is set to Cassette.
MP Feeder Size**/Type**	Identifies the type of paper installed 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 Vinyl Labels Bond Envelope Letterhead Preprinted Colored Paper Custom Type <x>	The multipurpose feeder is only displayed on the operator panel when Configure MP is set to Cassette.
Envelope Feeder **Size**/Type	Identifies the envelope size being loaded.	7 3/4 Envelope 9 Envelope 10 Envelope* (US) DL Envelope* (non-US) C5 Envelope Other Envelope	
Envelope Feeder Size/**Type**	Identifies the envelope type being loaded.	Envelope* Custom Type <x>	

Menu selection	Purpose	Values
Manual Paper **Size**/Type	Identifies the paper size being manually loaded.	A4* (non-US) A5 JIS B5 Letter* (US) Legal Executive Folio Statement Universal
Manual Paper Size/**Type**	Identifies the paper type being manually loaded.	Plain Paper* Card Stock Transparency Labels Vinyl Labels Bond Letterhead Preprinted Colored Paper Custom Type <x>
Manual Envelope **Size**/Type	Identifies the envelope size being manually loaded.	7 3/4 Envelope 9 Envelope 10 Envelope* (US) DL Envelope* (non-US) C5 Envelope Other Envelope
Manual Envelope Size/**Type**	Identifies the envelope type being manually loaded.	Envelope* Custom Type <x>

Configure MP

This menu selection is used to configure the multipurpose feeder as another paper tray or manual feeder. If you link the multipurpose feeder with another tray, you can have the printer pull paper from the multipurpose feeder before taking paper from another tray.

Menu selection	Purpose	Values
Configure MP	Determines when the printer selects paper loaded in the multipurpose feeder.	Cassette* Manual First

Envelope Enhance

Use this setting to disable the envelope conditioner when printing envelopes. The envelope conditioner is an option that significantly lessens the wrinkling of some envelopes.

Menu selection	Purpose	Values	
Envelope Enhance	Disables the optional envelope conditioner.	On* Off	Shown if optional envelope conditioner hardware is installed.

Substitute Size

This menu selection is used to determine whether the printer can substitute another size paper if the requested paper size is not currently installed in any of the printer input sources. If, for example, Substitute Size is set to Letter/A4, and only letter size paper is installed in the printer. When a request is received to print on A4 paper, the printer will substitute letter for A4 and print the job instead of displaying a change paper request.

Menu selection	Purpose	Values	
Substitute Size	Substitutes the specified paper size if the requested size is not loaded.	Off Statement/A5 Letter/A4 All Listed*	• The Off value indicates no size substitutions are allowed. • The All Listed value indicates that all available substitutions are allowed.

Paper Texture

This menu selection is used to set the media texture for each of the defined media types. This allows the printer to optimize the print quality for the specified media.

Menu selection	Purpose	Values	
Plain Texture	Identifies the texture of the media loaded in a specific input source.	Smooth Normal* Rough	
Transparency Texture			
Labels Texture			
Vinyl 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 input source.	Smooth Normal* Rough	Shown if Card Stock is supported in the specified input source.
Custom <x> Texture	Identifies the texture of the custom media loaded in a specific input source.	Smooth Normal* Rough	Shown if the custom type is supported in the specified input source.

Paper Weight

This menu selection is used to set the paper weight for each of the defined media types. This allows the printer to optimize the print quality for the media weight.

Menu selection	Purpose	Values	
Plain Weight	Identifies the relative weight of the paper loaded in a specific source, and ensures the toner adheres properly to the printed page.	Light Normal* Heavy	
Transparency Weight			
Labels Weight			
Vinyl Labels			
Bond Weight			
Envelope Weight			
Letterhead Weight			
Preprinted Weight			
Colored Weight			
Card Stock	Identifies the relative weight of the card stock loaded in a specific source.	Light Normal* Heavy	Shown if Card Stock is supported in the specified input source.
Custom <x> Weight	Identifies the relative weight of the custom paper loaded in a specific source.	Light Normal* Heavy	Shown if the custom type is supported in the specified input source.

Paper Loading

This menu selection is used to set the loading orientation for each paper type. This lets you load an input source with preprinted media, and then notify the printer that the media is loaded for duplex printing. You can then use your application software to indicate simplex printing. When simplex printing is selected, the printer automatically inserts blank pages to print the simplex job correctly.

Note: Paper Loading is only available if a duplex unit is installed.

Menu selection	Purpose	Values
Labels Loading	Properly handles preprinted paper whether the job is a duplexed or single-sided job.	Duplex Off*
Vinyl Labels Loading		
Bond Loading		
Letterhead Loading		
Preprinted Loading		
Colored Loading		

Menu selection	Purpose	Values	
Card Stock Loading	Properly handles preprinted card stock whether the job is a duplexed or single-sided job.	Duplex Off*	Shown if Card Stock is supported in the specified input source.
Custom <x> Loading	Properly handles preprinted custom paper whether the job is a duplexed or single-sided job.	Duplex Off*	Shown if the custom type is supported in the specified input source.

Custom Types

This menu selection is used to define a name for each custom paper type. You can assign names using a utility such as MarkVision or from the operator panel.

Menu selection	Purpose	Values	
Custom Type N	Specifies the type of paper associated with each Custom Type available in the Paper Type menu.	Paper* Card Stock Transparency Labels Vinyl Labels Envelope	The custom type media must be supported in the input source you designate in order to assign a user-defined name. Once the name is assigned, the name (truncated to 16 characters) will be displayed instead of **`Custom Type x`**.

Universal Setup

This menu selection is used to specify the height and width of the Universal Paper Size. By specifying the height and width for Universal Paper Size, the printer will use the Universal setting exactly like other paper sizes, including support for duplex and n-up.

Menu selection	Purpose	Values	
Units of Measure	Determines the unit of measure used to enter the Universal Height and Width.	Inches Millimeters	Inches is US default; Millimeters is international default.
Portrait Width	Sets the portrait width of the universal media. **Note:** If the value set exceeds the maximum width, the printer will use the maximum value allowed in inches or millimeters.	3 inches to 14.17 inches in 0.01 inch increments 76 mm to 360 mm in 1 mm increments	Shows either inches or mm from Units of Measure setting; 8.5 inches is the US default, and 216 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 printer will use the maximum value allowed in inches or millimeters.	3 inches to 14.17 inches in 0.01 inch increments 76 mm to 360 in 1 mm increments	Shows either inches or mm from Units of Measure setting; 14 inches US default, 356 international default.
Feed Direction	Specifies the feed direction of the Universal Paper Size.	Short Edge* Long Edge	Long Edge is only shown if the longest edge is shorter than the Maximum Physical Width of the printer.

Bin Setup

This menu selection is used to specify the output bin where you want your printed material to go to.

Note: Bin Setup is only displayed when at least one optional output bin is installed.

Menu selection	Purpose	Values	
Output Bin	Specifies the default bin for printed material.	Standard Bin*	• If a user-defined name is available, it appears instead of **`Bin <x>`**. • The name is truncated to 14 characters. • If two or more bins share the same name, the name only appears once in the Output Bin value list.
		Bin <x>	
Configure Bins	Determines which output bin(s) the printer uses for a particular job.	Mailbox*	Sends print jobs to the output bin designated for that user.
		Link	Links two or more bins together as though they were one large bin. When one linked bin is full, the printer starts filling the next linked bin, and continues with each additional linked bin.
		Mail Overflow	Sends print jobs to the output bin designated for that user until it is full, and then sends jobs to the designated overflow bin.
		Link Optional	Links all optional output bins as though they were one large bin, while leaving the standard bin individually addressable.
		Type Assignment	Sends each job to the output bin specified for that paper type.

Menu selection	Purpose	Values	
Assign Type/Bin	Sends print jobs to a specific output bin based on the requested paper type. **Note:** If a user-defined name is available, it appears instead of **`Custom <x> Bin`**. The name is truncated to 14 characters. If two or more bins share the same name, the name only appears once in the Assign Type/Bin value list.	Plain Paper Bin Card Stock Bin Transparency Bin Labels Bin Vinyl Labels Bin Bond Bin Envelope Bin Letterhead Bin Preprinted Bin Colored Bin **Custom <x> Bin** (<x> represents 1 through 10)	Disabled* Standard Bin Bin 1 Bin 2 Bin 3 Bin 4 Bin 5 Bin 6 Bin 7 Bin 8 Bin 9 Bin 10 **Note:** Only installed output bins will be displayed. If Configure Bins is set to Type Assignment then the default is the Standard Bin.
Overflow Bin	Sends print jobs to a specific output bin based on the requested paper type.	Standard Bin* Bin 1 Bin 2 Bin 3 Bin 4 Bin 5 Bin 6 Bin 7 Bin 8 Bin 9 Bin 10	**Note:** Only installed output bins will be displayed. If multiple output bins are assigned the same name, the name only appears once in the Output Bin value list.

Reports

Menu Settings Page

This menu selection prints a menu settings page.

Menu selection	Purpose	Values
Menu Settings Page	Prints information relating to the default printer settings and verifies that printer options are installed correctly.	After selecting this item, the page will print and the printer will return to **Ready**.

Device Statistics

This menu selection displays the printer statistics.

Menu selection	Purpose	Values
Device Statistics	Prints information relating to the printer statistics.	After selecting this item, the page will print and the printer will return to **Ready**.

Network Setup Page

This menu selection prints a network setup page.

Menu selection	Purpose	Values
Network Setup Page **Network <x> Setup Page** will appear if additional network options are installed.	Prints information relating to network settings and verifies the network connection. **Note:** This page also provides information that helps you configure for network printing.	After selecting this item, the page will print, and the printer will return to **Ready**.

Profiles List

This menu selection prints a list of profiles stored on this printer.

Menu Selection	Purpose	Values
Profiles List	Prints a list of profiles stored on the printer.	After selecting this item, the page will print, and the printer will return to **Ready**.

NetWare Setup Page

This menu selection prints information relating to the internal print server.

Menu selection	Purpose	Values
NetWare Setup Page	Prints information relating to the internal print server and the network settings defined by the Network <x> Setup menu item in the Network Menu.	After selecting this item, the page will print, and the printer will return to **Ready**.

Print Fonts

This menu selection prints a list of the fonts stored in the printer.

Menu selection	Purpose	Values	
Print Fonts	Prints a sample of all the fonts available for the selected printer language.	**PCL Fonts**	Prints a sample of all printer fonts available for PCL emulation.
		PS Fonts	Prints a sample of all printer fonts available for PostScript emulation.

Print Directory

This menu selection prints the directory listing. The directory listing is a list of the resources that are stored on a formatted optional flash memory card or hard disk.

Menu selection	Purpose	Values
Print Directory	Prints a list of the resources that are stored on the optional flash memory card or hard disk. **Note:** Print Directory is available only when either a nondefective flash or disk is installed and formatted, and Job Buffer Size is not set to 100%.	After selecting this item, the page will print, and the printer will return to **Ready**.

Settings

Setup Menu

Use this menu selection to configure a variety of printer features.

Menu selection	Purpose	Values	
Display Language	Determines the language of the text displayed on the operator panel.	English	**Note:** All values may not be available.
		Français	
		Deutsch	
		Italiano	
		Español	
		Dansk	
		Norsk	
		Nederlands	
		Svenska	
		Português	
		Suomi	
		Russian	
		Polski	
		Hungarian	
		Turkish	
		Czech	
		Simplified Chinese	
		Traditional Chinese	
		Korean	
		Japanese	

Menu selection	Purpose	Values	
Power Saver	Specifies the amount of time (in minutes) the printer waits after a job is printed before it goes into a reduced power state.	Disabled	This value does not appear unless Energy Conserve is set to Off. See the *User's Guide* for more information.
		1...240	Specifies the amount of time after a print job before the printer goes into Power Saver mode. (Your printer may not support the entire range of values.) The factory default Power Saver setting depends on your printer model. Print the menu settings page to determine the current Power Saver setting. When the printer is in Power Saver mode, it is still ready to receive print jobs. Select **1** to put the printer in Power Saver mode one minute after it finishes a print job. This uses much less energy, but requires more warm-up time for the printer. Select **1** if your printer shares an electrical circuit with room lighting and you notice lights flickering. Select a high value if your printer is in constant use. Under most circumstances, this keeps the printer ready to print with minimum warm-up time. Select a value between 1 and 240 minutes if you want a balance between energy consumption and a shorter warm-up period.
Alarms	Controls whether the printer sounds an alarm when the printer requires operator intervention.	Alarm Control: Off Single* Continuous	**Off**—Printer does not sound an alarm. **Single***—Printer sounds three quick beeps. **Continuous**—Printer repeats three beeps every 10 seconds. **Note:** Staple and hole punch alarms appear only when an optional finisher is installed.
		Toner Alarm: Off* Single Continuous	
		Staple Alarm: Off* Single Continuous	

Menu selection	Purpose	Values	
Timeouts	Specifies the amount of time (in seconds) the printer waits to return to the home screen, receive an end-of-job message, or receive additional bytes of data from the computer. **Note:** Wait Timeout is only available when you use PostScript emulation. This menu value has no effect on PCL emulation print jobs.	Screen Timeout: 15–300 (30*)	**Disabled**—Disables Screen Timeout. **15–300**—Specifies the amount of time the printer waits before returning to the home screen. **30*** is the default setting.
		Print Timeout Disabled 1–255 (90*)	**Disabled**—Disables Print Timeout. **1–255**—Specifies the amount of time the printer 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 printer is printed, and other input ports are examined to see if data exists. **90*** is the default setting.
		Wait Timeout: Disabled 15...65535 (40*)	**Disabled**—Disables Wait Timeout. **15...65535**—Specifies the amount of time the printer waits for additional data before it cancels the job. **40*** is the default setting.
Print Recovery	Specifies whether the printer 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 printer automatically continue from certain offline situations when not resolved within the specified time period. **5–255**—Specifies the amount of time (in seconds) the printer waits.
		Jam Recovery: On Off Auto*	Specifies whether the printer reprints jammed pages. **On—**Printer reprints jammed pages. **Off—**Printer does not reprint jammed pages. **Auto*—**Printer reprints a jammed page unless the memory required to hold the page is needed for other printer 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, you still cannot print the page, you may also have to reduce the size and number of fonts on the page, or increase the installed printer memory. **Note:** For most print jobs, you do not need to select On. When On is selected, printing may be slower.

Menu selection	Purpose	Values	
Printer Language	Specifies the default printer language used to communicate data from the computer to the printer. **Note:** 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.
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 you try to print any data in the non-printable area defined by Normal Print Area, the printer will clip the image at the boundary defined by the Normal defined printable area.
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 printer is turned off.	RAM*	All downloaded resources are automatically stored in printer memory (RAM).
		Flash	All downloaded resources are automatically stored in flash memory.
		Disk	All downloaded resources are automatically stored on the hard disk.
Job Accounting	Specifies to store or not store statistical information about your 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 paper size and paper type, the total number of printed pages, and the number of copies requested. **Note:** Job Accounting is only displayed when a hard disk is installed, is neither defective nor Read/Write or Write protected, and Job Buffer Size is not set to 100%.	Off*	Printer does not store job statistics on disk.
		On	Printer stores job statistics for the most recent print jobs.
Resource Save	Specifies what the printer does with downloaded resources, such as fonts and macros stored in RAM, if the printer receives a job that requires more memory than is available.	Off*	Printer retains downloaded resources only until memory is needed. It then deletes those resources associated with the inactive printer language.
		On	Printer retains all downloaded resources for all printer languages during language changes and printer resets. If the printer runs out of memory, **`38 Memory Full`** appears.

Menu selection	Purpose	Values	
Factory Defaults	Returns printer settings to the factory default values.	Restore	• All menu items are returned to the factory default values except: – Display Language. – All settings in the Parallel Menu, Serial Menu, Network Menu, and USB Menu. • 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.

Finishing Menu

Use this menu selection to define how the printer delivers the printed output.

Menu selection	Purpose	Values	
Duplex	Sets duplexing as the default for all print jobs. **Note:** You must have an optional duplex unit installed. **Note:** Select **Duplex** from the printer driver to duplex only specific jobs.	Off*	Prints on one side of the paper.
		On	Prints on both sides of the paper.
Duplex Bind	Defines the way duplexed pages would be 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). **Note:** You must have an optional duplex unit installed.	Long Edge*	Assumes binding along the long edge of the page (left edge for portrait orientation and top edge for landscape orientation).
		Short Edge	Assumes binding along the short edge of the page (top edge for portrait orientation and left edge for landscape orientation).
Copies	Sets the number of copies you want for the printer default value. **Note:** Set the number of copies required for a specific job from the printer driver.	1...999 (1*)	Values selected from the printer driver always override values selected from the operator panel.
Blank Pages	Specifies whether to include application-generated blank pages as part of your printed output.	Do Not Print*	Does not print application-generated blank pages as part of your job.
		Print	Prints application-generated blank pages as part of your job.

Menu selection	Purpose	Values	
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 you set Copies to 2, and send three pages 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 you set Copies to 2, and send three pages 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 if you are printing transparencies or want to insert blank pages in a document for notes.
Separator Source	Specifies the paper source that holds separator sheets.	Tray <x> (Tray 1*)	Selects separator sheets from the specified tray.
		MP Feeder	Selects separator sheets from the multipurpose feeder. **Note:** You must also set Configure MP to Cassette.
		Envelope Feeder	Selects separator sheets from the envelope feeder. **Note:** Only displayed when the envelope feeder is installed.
Multipage Print	Prints multiple-page images on one side of a sheet of paper. Also called *n-up* or *Paper Saver.*	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.

<table>
<tr><th>Menu selection</th><th>Purpose</th><th colspan="2">Values</th></tr>
<tr><td rowspan="5">Multipage Order</td><td rowspan="4">Determines the positioning of multiple page images when using Multipage Print.
The positioning depends on the number of images and whether the images are portrait or landscape in orientation.</td><td colspan="2">Horizontal*</td></tr>
<tr><td colspan="2">Vertical</td></tr>
<tr><td colspan="2">Rev Horizontal</td></tr>
<tr><td colspan="2">Rev Vertical</td></tr>
<tr><td colspan="3">For example, if you select 4-Up multipage printing and portrait orientation, the results differ depending on the Multipage Order value you select:
Horizontal Order
1 2
3 4
Vertical Order
1 3
2 4
Reverse Horizontal Order
2 1
4 3
Reverse Vertical Order
3 1
4 2</td></tr>
<tr><td rowspan="3">Multipage View</td><td rowspan="3">Determines the orientation of a multiple-page sheet.</td><td>Auto*</td><td>Lets the printer choose between portrait and landscape orientation.</td></tr>
<tr><td>Long Edge</td><td>Sets the long edge of the paper as the top of the page (landscape).</td></tr>
<tr><td>Short Edge</td><td>Sets the short edge of the paper as the top of the page (portrait).</td></tr>
<tr><td rowspan="2">Multipage Border</td><td rowspan="2">Prints a border around each page image when using Multipage Print.</td><td>None*</td><td>Does not print a border around each page image.</td></tr>
<tr><td>Solid</td><td>Prints a solid line border around each page image.</td></tr>
<tr><td rowspan="2">Staple Job</td><td rowspan="2">Sets stapling as the default for all print jobs.
Note: Only displayed when an optional finisher is installed.
Note: Select stapling from the printer driver if you want to staple only specific jobs.</td><td>Off*</td><td>Does not staple print jobs.</td></tr>
<tr><td>On</td><td>Staples each print job sent to the printer.</td></tr>
<tr><td rowspan="3">Offset Pages</td><td rowspan="3">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: Only displayed when an optional finisher is installed.</td><td>None*</td><td>Stacks all sheets directly on top of each other.</td></tr>
<tr><td>Between Copies</td><td>Offsets each copy of a print job.</td></tr>
<tr><td>Between Jobs</td><td>Offsets each print job.</td></tr>
</table>

Quality Menu

Use this menu selection to change settings that affect print quality and save toner.

Menu selection	Purpose	Values	
Print Resolution	To select printed output resolution.	600 dpi* 1200 Image Q 1200 dpi 2400 Image Q	
Toner Darkness	Lightens or darkens printed output and conserves toner.	1–10	**8*** is the default setting. Select a lower number to lighten the printed output or save toner.
Brightness	Adjusts the gray value of printed objects.	-6 – +6	**0*** is the default setting.
Contrast	Adjusts the contrast of printed objects.	0–5	**0*** is the default setting.

Utilities Menu

Use this menu selection to change printer settings, remove jobs, set up printer hardware, and troubleshoot printer problems.

Menu selection	Purpose	Values	
Factory Defaults	Returns printer settings to the factory default values.	Do Not Restore*	User-defined settings remain.
		Restore Now	All menu items are returned to the factory default values except: • Display Language. • All settings in the Parallel Menu, Serial Menu, Network Menu, and USB Menu. • Resources residing in flash memory or on the hard disk. **Note:** All downloaded resources (fonts, macros, and symbol sets) in printer memory (RAM) are deleted.
Remove Held Jobs	Removes confidential and held jobs from the printer hard disk.	Confidential Held Not Restored All	Selecting a menu value only affects jobs that are resident in the printer. Bookmarks, jobs on USB flash memory devices, and other types of held jobs are not affected.
Format Flash	Formats the flash memory. **Warning:** Do not turn off the printer while the flash is formatting.	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.

Menu selection	Purpose	Values	
Defragment Flash	Retrieves lost storage area from resources that were deleted from flash memory. **Warning:** Do not turn off the printer while the flash is defragmenting.	Yes	Transfers all resources stored in flash memory to printer memory and then reformats the flash memory option. When the format operation is complete, the resources are loaded back into flash memory.
		No	Cancels the request to defragment the flash memory.
Format Disk	Formats the printer hard disk. **Warning:** Do not turn off the printer while the hard disk is formatting.	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.
Job Acct Stat	Prints a listing of all job statistics stored on the hard disk, or clears all statistics on the disk.	Print	Prints all statistics available for the most recent print jobs.
		Clear	Deletes all accumulated job statistics from the hard disk.
Hex Trace	Helps isolate the source of a print job problem.	Activate	With Hex Trace selected, all data sent to the printer is printed in hexadecimal and character representation. Control codes are not executed. **Note:** To exit Hex Trace, turn the printer off, or reset the printer: **1** Press ⊗. **2** Press ▼ until ✓ **Reset printer** appears, then press ✓.
Print Alignment	Provides access to the Print Alignment menu where you can print an alignment page, or change the cyan, magenta, or yellow alignment values.	Print Alignment Page	Pressing **Select** will print the alignment page.
		Cyan	X = -80 – 80 Y = -127 – 127
		Magenta	
		Yellow	
Coverage Estimator	Provides an estimate of the percent coverage of black toner on a page. The estimate is printed on a separator page.	Off*	Percent coverage is not printed.
		On	Prints the estimated percentage of toner coverage on the page.

PDF Menu

Use this menu selection to change printer settings that affect PDF jobs.

Menu selection	Purpose	Values	
Scale to Fit	Scales page content to fit the selected media size.	Yes No*	**Yes**—Scales the page to fit the selected print media. **No***—Does not scale the page; printed text or graphics will be 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.

PostScript Menu

Use this menu selection to change printer settings that affect jobs using the PostScript printer language.

Menu selection	Purpose	Values	
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 is only displayed 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*	Printer searches printer memory for the requested font before searching flash memory or hard disk.
		Flash/Disk	Printer searches the hard disk and flash memory for the requested font before searching printer memory.

PCL Emul Menu

Use this menu selection to change printer settings that affect jobs using the PCL emulation printer language.

Menu selection	Purpose	Values	
Font Source	Determines the set of fonts displayed in the Font Name menu item.	Resident*	Displays all fonts resident in printer RAM when the printer ships from the factory.
		Disk	Displays all fonts downloaded to printer RAM.
		Flash	Displays all fonts stored in flash memory.
		Download	Displays all fonts stored on the printer hard disk.
		All	Displays all fonts available to the printer 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 displayed. The font source abbreviation is R for resident, F for flash, K for 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. Symbol sets support the different requirements for languages or specific applications, such as math symbols for scientific text. Only the symbol sets supported for the selected font name are displayed.
		12U PC-850* (non-US) (country/region-specific factory default values)	

Menu selection	Purpose	Values	
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. You can select point sizes from 1 to 1008 in increments of 0.25 points. **Note:** Point Size is only displayed 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. You can select a pitch from 0.08 to 100 characters per inch (cpi) in increments of 0.01 cpi. For nonscalable monospaced fonts, the pitch is displayed but cannot be changed. **Note:** Pitch is only displayed 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.
	Determines the number of lines that print on each page.	Lines per Page: 1–255 60* (US) 64* (non-US)	The printer 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 printer automatically performs a carriage return after a line feed control command.	Auto CR after LF: Off* On	**Off—**Printer does not perform a carriage return after a line feed control command. **On**—Printer 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—**Printer does not perform a line feed after a carriage return control command. **On**—Printer performs a line feed after a carriage return control command.

Menu selection	Purpose	Values	
Tray Renumber	Configures the printer to work with printer drivers or applications that use different source assignments for the paper trays. **Note:** See the *Technical Reference* for more information about assigning source numbers.	Assign MP Feeder: Off* None 0–199	**Off**—Printer uses factory default paper source assignments. **None**—Paper source ignores the Select Paper Feed command. **0–199—**Select a numeric value to assign a custom value to a paper source.
		Assign Tray [x]: Off* None 0–199	**Off**—Printer uses factory default paper source assignments. **None**—Paper source ignores the Select Paper Feed command. **0–199—**Select a numeric value to assign a custom value to a paper source.
		Assign Env Feeder: Off* None 0–199	**Off**—Printer uses factory default paper source assignments. **None**—Paper source ignores the Select Paper Feed command. **0–199—**Select a numeric value to assign a custom value to a paper source.
		Assign Man Paper: Off* None 0–199	**Off**—Printer uses factory default paper source assignments. **None**—Paper source ignores the Select Paper Feed command. **0–199—**Select a numeric value to assign a custom value to a paper source.
		Assign Man Env: Off* None 0–199	**Off**—Printer uses factory default paper source assignments. **None**—Paper source ignores the Select Paper Feed command. **0–199—**Select a numeric value to assign a custom value to a paper source.
		View Factory Def	Displays the factory default value assigned to each paper source.
		Restore Defaults	Select **Yes** to return all tray assignments to factory default values.

HTML Menu

This menu selection is used to change the printer HTML settings.

Menu selection	Purpose	Values	
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*)	You can select point sizes from 1 to 255 points in 1 point increments.
Scale	Scales the default font for HTML documents.	1%–400% (100%*)	You can select scale sizes from 1 to 100% 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.
Margin	Sets the page margin for HTML documents.	8 mm–255 mm (19 mm*)	You can set 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

This menu selection is used to change the size or orientation of a printed image, or to invert a printed image.

Menu selection	Purpose	Values	
Auto Fit	Selects optimal paper 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.
Scaling	Scales the image to fit 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 Rev Portrait Rev 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.

Security

This menu selection is used to set security levels on individual print jobs requiring a PIN and securing an installed hard disk.

Menu selection	Purpose	Values	
Max Invalid PIN	Limits the number of times an invalid pin number can be entered.	Off* 2 3 4 5 6 7 8 9 10	• This menu selection only appears if a hard disk option is installed. • The printer counts the number of times in a row an invalid pin for a user name is entered. • Once the limit is reached, the jobs for that user name are deleted.
Job Expiration	Limits the amount of time a confidential job stays in the printer before it is deleted.	Off* 1 hour 4 hours 24 hours 1 week	

Network/Ports

TCP/IP

This menu section is use to view and change the Transmission Control Protocol/Internet Protocol settings.

Note: This menu is not displayed for non-network models.

Menu selection	Purpose	Values	
TCP/IP	Sets the network option to TCP/IP (Transmission Control Protocol/Internet Protocol) **Note:** This menu is not displayed for non-network models.	Activate	On* Off
		View Hostname	View only
		Address	4 field IP address
		Netmask	
		Gateway	
		Enable DHCP	On* Off
		Enable RARP	
		Enable BOOTP	
		AutoIP	
		Enable FTP/TFTP	
		HTTP Server Enabled	
		WINS Server Address	4 field IP address
		DNS Server Address	

IPv6

Use this menu setting to view or change Internet Protocol Version 6 settings.

Note: This menu is not displayed for non-network models.

Menu selection	Purpose	Values	
IPv6	Sets the network to IPv6 (Internet Protocol Version 6).	Enable IPv6	Yes* No
		View Hostname	View only
		View Address	
		View Router Address	
		Enable DHCPv6	Yes* No

Standard Network and Network <x>

Use this menu selection to change printer settings affecting jobs sent to the printer through a network port (either Standard Network or Network <x>).

Menu selection	Purpose	Values	
PCL SmartSwitch	Configures the printer 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*	Printer examines data on the network interface and selects PCL emulation if the data indicates that is the required printer language.
		Off	Printer 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 printer 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*	Printer examines data on the network interface connection and selects PostScript emulation if the data indicates that is the required printer language.
		Off	Printer 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 printer 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 printer.	Off	Printer does not perform NPA processing.
		Auto*	Printer examines the data to determine the format and then processes it appropriately.
Network Buffer	Configures the size of the network input buffer. **Note:** Changing the Network Buffer menu item automatically resets the printer.	Auto*	Printer 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 printer, 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 printer hard disk before printing. **Note:** Changing this menu item automatically resets the printer.	Off*	Does not buffer jobs to the hard disk.
		On	Buffers print jobs to the hard disk.
		Auto	Buffers print jobs only if the printer is busy processing data from another input port.

Menu selection	Purpose	Values	
Mac Binary PS	Configures the printer to process Macintosh binary PostScript print jobs.	On	Printer processes raw binary PostScript print jobs from computers using the Macintosh operating system. **Note:** This setting often causes Windows print jobs to fail.
		Off	Printer filters PostScript print jobs using standard protocol.
		Auto*	Printer processes print jobs from computers using either Windows or Macintosh operating systems.

Standard USB and USB <x>

Use this menu selection to change printer settings affecting a Universal Serial Bus (USB) port (USB <x>).

Menu selection	Purpose	Values	
PCL SmartSwitch	Configures the printer 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*	Printer examines the data on the USB port and selects PCL emulation if the data indicates that is the required printer language.
		Off	Printer 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 printer 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*	Printer examines data on the USB interface and selects PostScript emulation if the data indicates that is the required printer language.
		Off	Printer 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 printer 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 printer.	Off	Printer performs NPA processing. If data is not in NPA format, it is rejected as bad data.
		On	Printer does not perform NPA processing.
		Auto*	Printer examines the data to determine the format and then processes it appropriately.

Menu selection	Purpose	Values	
USB Buffer	Configures the size of the USB input buffer. **Note:** Changing the USB Buffer menu item automatically resets the printer.	Disabled	Job buffering is disabled. Any jobs already buffered on the disk are printed before normal processing of incoming jobs resumes.
		Auto*	Printer automatically calculates the USB Buffer size (recommended setting).
		3K to maximum size allowed	User specifies the USB Buffer size. The maximum size depends on the amount of memory in the printer, 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	Temporarily stores jobs on the printer hard disk before printing. **Note:** Changing the Job Buffering menu item automatically resets the printer.	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 printer is busy processing data from another input port.
Mac Binary PS	Configures the printer to process Macintosh binary PostScript print jobs.	Off	Printer processes raw binary PostScript print jobs from computers using the Macintosh operating system. **Note:** This setting often causes Windows print jobs to fail.
		On	Printer filters PostScript print jobs using standard protocol.
		Auto*	Printer processes print jobs from computers using either Windows or Macintosh operating systems.
ENA Address	Sets the USB port ENA Address.	4 field IP address	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.		
USB flash memory device	Enables or disables the USB Direct interface.	Disabled	
		Auto*	

Parallel and Parallel <x>

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

Menu selection	Purpose	Values	
PCL SmartSwitch	Configures the printer 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*	Printer examines data on the parallel interface and selects PCL emulation if the data indicates that is the required printer language.
		Off	Printer 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 printer 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*	Printer examines data on the parallel interface and selects PostScript emulation if the data indicates that is the required printer language.
		Off	Printer 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 printer 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 printer.	On	Printer performs NPA processing. If data is not in NPA format, it is rejected as bad data.
		Off	Printer does not perform NPA processing.
		Auto*	Printer examines data, determines the format, and then processes it appropriately.
Parallel Buffer	Configures the size of the parallel input buffer. **Note:** Changing this menu item automatically resets the printer.	Disabled	Disables job buffering. Any jobs already buffered on the disk are printed before normal processing of incoming jobs resumes.
		Auto*	Printer automatically calculates the Parallel Buffer size (recommended setting).
		3K to maximum size allowed	User specifies the Parallel Buffer size. The maximum size depends on the amount of memory in the printer, 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	Temporarily stores jobs on the printer hard disk before printing. **Note:** Changing this menu item automatically resets the printer.	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 printer is busy processing data from another input port.

Menu selection	Purpose	Values	
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	Determines whether the printer 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.	Off*	Printer does not honor hardware initialization requests from the computer.
		On	Printer honors hardware initialization requests from the computer.
Parallel Mode 2	Determines whether the parallel port data is sampled on the leading or trailing edge of strobe.	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 printer to process Macintosh binary PostScript print jobs.	On	Printer processes raw binary PostScript print jobs from computers using the Macintosh operating system. **Note:** This setting often causes Windows print jobs to fail.
		Off	Printer filters PostScript print jobs using standard protocol.
		Auto*	Printer processes print jobs from computers using either Windows or Macintosh operating systems.

Serial <x>

Use this menu selection to change printer settings affecting jobs sent to the printer through an optional serial port.

Menu selection	Purpose	Values	
PCL SmartSwitch	Configures the printer 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* Off	**On*—**The printer examines the data at the serial interface and selects PCL emulation if the data indicates that is the required printer language. **Off**—The printer 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 printer 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* Off	**On*—**The printer examines the data at the serial interface and selects PostScript emulation if the data indicates that is the required printer language. **Off**—The printer 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 printer 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 printer.	On	Printer performs NPA processing. If data is not in NPA format, it is rejected as bad data.
		Off	Printer does not perform NPA processing.
		Auto*	Printer examines the data to determine the format and then processes it appropriately.
Serial Buffer	Configures the size of the serial input buffer. **Note:** Changing the Serial Buffer menu item automatically resets the printer.	Disabled	Disables job buffering. Any jobs already buffered on the disk are printed before normal processing of incoming jobs resumes.
		Auto*	Printer automatically calculates the Serial Buffer size (recommended setting).
		3K to maximum size allowed	User specifies the Serial Buffer size. The maximum size depends on the amount of memory in the printer, 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	Temporarily stores jobs on the printer hard disk before printing. **Note:** Changing the Job Buffering menu item automatically resets the printer.	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 printer is busy processing data from another input port.

Menu selection	Purpose	Values	
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 printer communicates availability to the computer. This menu item only applies to the serial port if Serial Protocol is set to XON/XOFF.	Off*	Printer waits to receive data from the computer.
		On	Printer sends a continuous stream of XONs to the host computer to indicate that the serial port is ready to receive more data.
Baud	Specifies the rate at which data can be received through the serial port. **Note:** 138200, 172800, 230400, and 345600 baud rates are displayed in the Standard Serial menu. These values are not displayed 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	

Menu selection	Purpose	Values	
Honor DSR	Determines whether the printer 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 this menu selection to view or change the printer NetWare settings.

Menu selection	Purpose	Values	
View Login Name	Displays the assigned NetWare login name.	Selecting **View Login Name** displays the NetWare name on the operator panel.	
View Print Mode	Displays the assigned NetWare print mode.	Selecting **View Print Mode** displays the NetWare print mode on the operator panel.	
View Network Number	Displays the assigned NetWare number.	Selecting **View Network Number** displays the NetWare network number on the operator panel.	
Activate	Activates or deactivates the NetWare feature.	On Off	**On**—Activates the NetWare feature. **Off**—Deactivates the NetWare feature.
Ethernet 802.2	Sets the Ethernet 802.2 value On or Off.	On* Off	
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 *	

AppleTalk

Use this menu selection to view or change the printer AppleTalk settings.

Menu selection	Purpose	Values	
View Name	Displays the assigned AppleTalk name.	Selecting **View Name** displays the AppleTalk name on the operator panel.	
View Address	Displays the assigned AppleTalk address.	Selecting **View Address** displays the AppleTalk address on the operator panel.	
Activate	Activates or deactivates the AppleTalk feature.	On Off	**On**—Activates the AppleTalk feature. **Off**—Deactivates the AppleTalk feature.
Set Zone *	Provides a list of zones from network.	Default will be default zone for the network. If no default zone exists on the network, the ***** will be the default.	

LexLink

Use this menu selection to view your LexLink name or change your LexLink activation.

Menu selection	Purpose	Values	
View Nickname	Displays the assigned LexLink nickname.	Selecting View Nickname displays the LexLink nickname on the operator panel.	
Activate	Activates or deactivates the LexLink feature.	On Off	**On**—Activates the LexLink feature. **Off**—Deactivates the LexLink feature.

Help

This menu selection is used to print some or all of the resident Help menu pages. These pages contain information about printer connectivity, print quality, paper tips, and supplies.

Note: If the operator panel is set to a language other than English, French, German, or Spanish, the document prints in English.

The Help menu pages can be printed in the following languages from the publications CD.

English	Norwegian	Polish
French	Dutch	Korean
German	Swedish	Traditional Chinese
Italian	Portuguese	Simplified Chinese
Spanish	Finnish	
Danish	Russian	

Menu selection	Purpose	Values
Print All L	Prints all “Help” menu topics.	After selecting this item, the “Help” menu pages will print, and the printer will return to **Ready**.
Print Quality	Prints the Print Quality topic.	After selecting this item, the “Help” menu topic will print, and the printer will return to **Ready**.
Printing Guide	Prints the Printing Guide topic.	
Media Guide	Prints the Media Guide topic.	
Print Defects	Prints the Print Defect sheet.	
Menu Map	Prints the Menu Map topic.	
Information Guide	Prints the Information Guide topic.	
Connection Guide	Prints the Connection Guide topic.	
Moving Guide	Prints the Moving Guide topic.	

Understanding printer messages

The printer operator panel displays messages describing the current state of the printer and indicates possible printer problems you must resolve. This topic provides a list of all printer messages, explains what they mean, and tells you how to clear the messages.

The following table lists the messages in alphanumerical order. You can also locate a message using the index.

Message	Action
Activating Menu Changes	Wait for the message to clear.
Busy	Wait for the message to clear, or cancel the print job.
Calibrating	Wait for the message to clear.
Cancel not available	Wait for the message to clear.
Cancelling	Wait for the message to clear.
Change <src> <Custom Type Name>	• Press √ if you have changed the media. • Select **Use current** to print on media currently in the printer. • Cancel the current job.
Change <src> <Custom String>	
Change <src> <size>	
Change <src> <type> <size>	
Check duplex connection	• Turn the printer off and back on. If the error recurs, turn the printer off, unplug the power cord from the wall outlet, and then remove the duplex unit. Reattach the duplex unit, connect the power cord to a properly grounded outlet, and restart the printer. If the error recurs, turn the printer off, unplug the power cord from the wall outlet, and then remove the specified device, and call for service. • Press √ to clear the message and print without using the device.
Check tray <x> connection	• Turn the printer off and back on. If the error recurs, turn the printer off, unplug the power cord from the wall outlet, and then remove the specified tray. Reattach the tray, connect the power cord to a properly grounded outlet, and restart the printer. If the error recurs, turn the printer off, unplug the power cord from the wall outlet, and then remove the specified device, and call for service. • Press √ to clear the message and print without using the device.
Clearing job accounting statistics	Wait for the message to clear.
Close Door or Insert Cartridge	• Close the upper front door. • Install the toner cartridge.
Close finisher side door	Close the finisher side door to clear the message.
Close Finisher Top Cover	Close the finisher top cover to clear the message.
Copies	Enter the desired number of copies.
Defragmenting Flash DO NOT POWER OFF	**Warning:** Do not turn the printer off while this message is displayed. Wait for the message to clear.
Delete	• Press √ to delete the specified job. • Press **Stop** to cancel the operation.

Message	Action
Delete all	• Press √ to delete all confidential jobs. • Press **Stop** to cancel the operation.
Delete all confidential jobs	• Press √ to delete all held jobs. • Press **Stop** to cancel the operation.
Deleting	Wait for the message to clear.
Disabling DLEs	Wait for the message to clear.
Disabling Menus	Wait for the message to clear. **Note:** While the menus are disabled, you cannot change the printer settings from the operator panel.
Disk corrupted	The printer has attempted a disk recovery process, and cannot repair the disk. • Press √ to reformat the disk and delete all files currently stored on the disk. • Select **Do not reformat** to clear the message without reformatting the disk.
Disk Recovery x/5 yyy%	**Warning:** Do not turn the printer off while this message is displayed. The printer is attempting to recover the hard disk. Disk recovery takes place in five phases; the operator panel displays the percent complete of the current phase. Wait for the message to clear.
Enabling Menus	Wait for the message to clear.
Encrypting Disk yyy% **DO NOT POWER OFF**	**Warning:** Do not turn the printer off while this message is displayed. The printer is encrypting the hard disk. The percent complete is displayed. Wait for the message to clear.
Enter PIN	Enter the PIN you identified in the driver when you sent the confidential job to the printer.
Enter PIN to lock	Enter the correct pin number to lock the operator panel and prevent menu changes.
Error printing from USB drive	Wait for the message to clear.
Error reading USB drive	Wait for the message to clear.
Flushing buffer	Wait for the message to clear.
Formatting Disk yyy% **DO NOT POWER OFF**	**Warning:** Do not turn the printer off while this message is displayed. The printer is formatting the hard disk. The percent complete is displayed. Wait for the message to clear.
Formatting Flash DO NOT POWER OFF	**Warning:** Do not turn the printer off while this message is displayed. Wait for the message to clear.
Hex Trace	The printer is in Hex Trace mode.
Insert Staple Cartridge	• Install a staple cartridge to clear the message. • Press √ to clear the message and print without using the staple feature.
Insert Tray <x>	Insert the specified tray into the printer.

Message	Action
Install bin <x>	• Turn the printer off, unplug the power cord from the wall outlet, install the specified bin, connect the power cord to a properly grounded outlet, and then restart the printer. • Cancel the current job.
Install duplex	• Turn the printer off, unplug the power cord from the wall outlet, install the duplex unit, connect the power cord to a properly grounded outlet, and then restart the printer. • Cancel the current job.
Install envelope feeder	• Turn the printer off, install the envelope feeder, and restart the printer. • Cancel the current job.
Install tray <x>	• Turn the printer off, unplug the power cord from the wall outlet, install the specified tray, reconnect the power cord to a properly grounded outlet, and then restart the printer. • Cancel the current job.
Internal System Error Reload Bookmarks	• Reload the Bookmarks. • Press √ to clear the message and continue printing.
Internal System Error, Reload Security Certificates	• Reload the Security Certificates. • Press √ to clear the message and continue printing.
Invalid Network Code	Download valid code to the internal print server. **Note:** You can download network code while this message is displayed.
Invalid Engine Code	Download valid engine code to the printer. **Note:** You can download engine code while this message is displayed.
Invalid PIN	Enter the correct PIN.
Load manual feeder with <Custom Type> **Load manual feeder with <Custom String>** **Load manual feeder with <size>** **Load manual feeder with <size> <type>**	• Load the specified paper in the manual feed tray or multipurpose feeder. • Press √ to ignore the manual feed request and print on paper already installed in one of the input sources. If the printer finds a tray that has paper of the correct type and size, it feeds paper from that tray. If the printer cannot find a tray with the correct paper type and size, it prints on whatever paper is installed in the default input source. • Cancel the current job.
Load <src> with <Custom Type Name> **Load <src> with <Custom String>** **Load <src> <size>** **Load <src> <type> <size>**	• Load the input source with the correct type and size media. • Cancel the current job.
Load Staples	• Install a new staple cartridge in the stapler. • Press √ to clear the message and print without stapling. • Cancel the current job.
Maintenance	Replace the maintenance items and, if necessary, reset the printer maintenance counter.
Menus are Disabled	The printer menus are disabled. You cannot change the printer settings from the operator panel. **Note:** You can still cancel a job, print a confidential job, or print a held job. • Contact your system support person.
Network **Network <x>**	A network interface is the active communication link.

Message	Action
Network <x>, <y>	A network interface is the active communication link, where <x> represents the active communication link, and <y> represents the channel.
No held jobs	Wait for the message to clear.
No jobs found	**Note:** The four-digit personal identification number (PIN) you entered is not associated with any confidential print job. • Select **Try again** to enter another PIN. • Select **Cancel** to exit the **Enter PIN** screen.
No jobs to cancel	Wait for the message to clear.
No recognized file types	Wait for the message to clear. **Note:** The only supported file type is PDF.
Overflow Bin Full	Remove the stack of paper from the bin to clear the message.
Parallel	A parallel interface is the active communication link.
Parallel <x>	
Port disabled Remove USB drive	Wait for the message to clear.
Power Saver	• Send a job to print. • Press ✓ to warm the printer to normal operating temperature and display the **Ready** message.
Printer locked, enter PIN to unlock	The operator panel has been locked. Enter the correct PIN number.
Printing	Wait for the message to clear.
Printing Alignment Page	Wait for the message to clear.
Printing from USB drive **DO NOT REMOVE**	**Warning:** Do not turn the printer off or remove the USB drive while this message is displayed. Wait for the message to clear.
Printer busy **Continue** **Quit**	Press ✓ to read the information from the USB drive. Select **Quit** to cancel the information retrieval process.
Programming System Code	**Warning:** Do not turn the printer off while this message is displayed. Wait for the message to clear and the printer to reset.
Programming Flash	**Warning:** Do not turn the printer off while this message is displayed. Wait for the message to clear.
Programming Disk	**Warning:** Do not turn the printer off while this message is displayed. Wait for the message to clear.
Reading USB drive DO NOT REMOVE	Wait for the message to clear.
Ready	Send a job to print.
Reattach bin <x>	• Turn the printer off and back on. – If the error recurs, turn the printer off, unplug the power cord from the wall outlet, and remove the specified bin, then reattach the bin to the printer, reconnect the power cord to a properly grounded outlet, and then restart the printer. – If the error recurs, turn the printer off, unplug the power cord from the wall outlet, and remove the specified device, and call for service. • Press ✓ to clear the message and print without using the specified bin.

Message	Action
Reattach bins <x> - <y>	• Turn the printer off and back on. – If the error recurs, turn the printer off, unplug the power cord from the wall outlet, and remove the specified bins, then reattach the bin to the printer, r, and then restart the printer. – If the error recurs, turn the printer off, unplug the power cord from the wall outlet, and remove the specified bin, and call for service. • Press √ to clear the message and print without using the specified bins.
Reattach envelope feeder	• Turn the printer off and back on. – If the error recurs, turn the printer off, remove the envelope feeder, then reattach the envelope feeder to the printer. – If the error recurs, turn the printer off, remove the envelope feeder, and call for service. • Press √ to clear the message and print without using the envelope feeder.
Remote Management Active **DO NOT POWER OFF**	The printer settings are being configured, and the printer was taken offline to ensure it is not currently printing and processing jobs. Wait for the message to clear.
Remove paper from bin <x>	Remove the stack of paper from the specified bin(s).
Remove paper from all bins	Remove the paper from all output bins.
Remove paper from **<linked set bin name>**	The printer automatically senses media removal and resumes printing. If removing the media does not clear the message, press √.
Remove paper from standard output bin	Remove the paper from the standard bin.
Requested Env Not Supported	This message occurs when the finisher is attached and an envelope size other than B5 and C5. See the finisher *User Guide* for instructions to print on other envelopes.
Resetting Active Bin	Wait for the message to clear.
Resetting the Printer	Wait for the message to clear.
Restore Held Jobs	• Press √ to restore all Print and Hold jobs on the hard disk. • Select **Do not restore** to delete Print and Hold jobs.
Restoring Factory Defaults	Wait for the message to clear. **Note:** When factory default settings are restored: • All downloaded resources (fonts, macros, symbol sets) in the printer memory are deleted. • All menu settings return to the factory default setting *except*: – The Display Language setting in the “Setup” Menu. – All settings in the “Parallel” Menu, “Serial” Menu, “Network” Menu, “Infrared” Menu, “LocalTalk” Menu, “USB” Menu, and “Fax” Menu.
Restoring held job(s) x/y	• Wait for the message to clear. • Select **Quit restoring** to delete unrestored Print and Hold jobs. **Note: x** represents the number of the job being restored, and **y** represents the total number of jobs to be restored.
Serial <x>	A serial interface is the active communication link.
Some held jobs were lost	• Press √ to clear the message and continue printing. The printer frees memory by deleting the oldest held job and continues deleting held jobs until there is enough printer memory to process the job. • Cancel the current job.

Message	Action
Staples Empty	• Install a new staple cartridge. • Press ✓ to clear the message and continue printing without stapling. • Cancel the current job.
Staples Low	
Standard Bin Full	Remove the stack of paper from the bin to clear the message.
Submitting selection	Wait for the message to clear.
Toner Low	• Replace the toner cartridge. • Press **Select** to clear the message and continue printing.
Tray <x> Empty	Load paper in the tray to clear the message.
Tray <x> Low	Add paper to the tray to clear the message.
Tray <x> Missing	Insert the tray into the printer.
USB	The printer is processing data through the specified USB port.
USB <x>	
USB drive removed	• Wait for the message to clear. • Insert the USB drive.
View supplies	Displays the current level of all printer supplies.
Waiting	The printer has received a page of data to print, but is waiting for an End of Job command, a Form Feed command, or additional data. • Press ✓ to print the contents of the buffer. • Cancel the current job.
1565 Emul Error Load Emul Option	The printer automatically clears the message in 30 seconds, and then disables the download emulator on the firmware card. Download the correct download emulator version from the Lexmark Web site..
30 Invalid refill, change cartridge	Install a new cartridge.
31 Replace defective print cartridge	Remove the print cartridge, and install a new one.
32 Replace unsupported print cartridge	Remove the print cartridge, and install a supported one.
32 Replace unsupported toner cartridge	Remove the toner cartridge, and install a supported one.
34 Short Paper	• Press ✓ to clear the message and continue printing. The printer does not automatically reprint the page that prompted the message. • Check tray length and width guides to ensure paper is properly fitted in the tray. • Make sure the print job is requesting the correct size of paper. • Adjust the Paper Size setting for the size paper you are using. If MP Feeder Size is set to Universal, make sure the paper is large enough for the formatted data. • Cancel the current job.
35 Insufficient memory to support Resource Save feature	• Press ✓ to disable Resource Save and continue printing. • To enable Resource Save after you get this message: – Make sure the link buffers are set to Auto, then exit the menus to activate the link buffer changes. – When **Ready** is displayed, enable Resource Save. • Install additional memory.

Message	Action
37 Insufficient memory to collate job	• Press √ to print the portion of the job already stored and begin collating the rest of the job. • Cancel the current job.
37 Insufficient memory for Flash Memory Defragment operation	• Press √ to stop the defragment operation and continue printing. • Delete fonts, macros, and other data in printer memory. • Install additional printer memory.
37 Insufficient memory, some held jobs were deleted	The printer deleted some held jobs in order to process current jobs. Press ▼ until √ **Continue** appears, then press √ to clear the message.
37 Insufficient memory, some held jobs were lost	The printer was unable to restore some or all of the confidential or held jobs on the hard disk. Press √ to clear the message.
38 Memory Full	• Press √ to clear the message and continue printing. The job may not print correctly. • Cancel the current job. • Install additional printer memory.
39 Page is too complex to print	• Press √ to clear the message and continue printing. The job may not print correctly. • Cancel the current job. • Install additional printer memory.
50 PPDS font error	• Press √ to clear the message and continue printing. The job may not print correctly. • Cancel the current job.
51 Defective flash detected	Press √ to clear the message and continue printing. You must install different flash memory before you can download any resources to flash.
52 Not enough free space in flash memory for resources	• Press √ to clear the message and continue printing. Downloaded fonts and macros not previously stored in flash memory are deleted. • Delete fonts, macros, and other data stored on the flash memory. • Install a larger capacity flash memory card.
53 Unformatted flash detected	Press √ to clear the message and continue printing. You must format the flash memory before you can store any resources on it. If the error message remains, the flash memory may be defective and require replacing.
54 Serial option <x> error	• Make sure the serial link is set up correctly, and you are using the appropriate cable. • Make sure the serial interface parameters (protocol, baud, parity, and data bits) are set correctly on the printer and host computer. • Press √ to clear the message and continue printing. The job may not print correctly. • Turn the printer off and then on to reset the printer.
54 Network <x> software error **54 Standard network software error**	• Press √ to clear the message and continue printing. The job may not print correctly. • Program new firmware for the network interface. • Reset the printer.

Message	Action
55 Unsupported option in slot <x>	**1** Turn the printer 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 printer on.
56 Parallel port <x> disabled **56 Standard parallel port disabled**	• Press √ to clear the message. The printer discards any data received through the parallel port. • Make sure the Parallel Buffer menu item is not set to **Disabled**.
56 Serial port <x> disabled	• Press √ to clear the message. The printer discards any data received through the serial port. • Make sure the Serial Buffer menu item is not set to **Disabled**.
56 USB port <x> disabled	• Press √ to clear the message. The printer discards any data received through the USB port. • Make sure the USB Buffer menu item is not set to Disabled.
56 Standard USB port disabled	• Press √ to clear the message. The printer discards any data received through the USB port. • Make sure the USB Buffer menu item is not set to Disabled.
58 Too many disks installed	**1** Turn off and unplug the printer. **2** Remove the excess hard disks. **3** Plug in the printer, and turn it on.
58 Too many flash options installed	**1** Turn off and unplug the printer. **2** Remove the excess flash memory. **3** Plug in the printer, and turn it on.
58 Too many bins attached	**1** Turn off and unplug the printer. **2** Remove the additional bins. **3** Plug in the printer, and turn it on.
58 Too many trays attached	**1** Turn off and unplug the printer. **2** Remove the additional drawers. **3** Plug in the printer, and turn it on.
59 Incompatible duplex	• Remove the duplex unit. • Press √ to clear the message and continue printing without using the duplex unit.
59 Incompatible envelope feeder	Remove the envelope feeder. Press √ to clear the message and continue printing without using the envelope feeder.
59 Incompatible output bin <x>	• Remove the output bin. • Press √ to clear the message and continue printing without using the specified output bin.
59 Incompatible tray <x>	Remove the specified tray. Press √ to clear the message and continue printing without using the specified tray.
61 Remove defective disk	• Press √ to clear the message and continue printing. • Install a different hard disk before you perform any operations that require a hard disk.

Message	Action
62 Disk full	• Press √ to clear the message and continue processing. Any information not previously stored on the hard disk is deleted. • Delete fonts, macros, and other data stored on the hard disk. • Install a larger hard disk.
63 Unformatted disk	• Press √ to clear the message and continue printing. • Format the disk. If the error message remains, the hard disk may be defective and require replacing.
64 Unsupported disk format	• Press √ to clear the message and continue printing. • Format the disk. If the error message remains, the hard disk may be defective and require replacing.
80 Scheduled maintenance advised	• Press √ to clear the message, and continue printing. • Replace the maintenance items and if necessary, reset the printer maintenance counter.
88 Toner is low	• Replace the toner cartridge. • Press √ to clear the message and continue printing.
200.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
201.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
202.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
210.yy Staple jam, check area H	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
231.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
232.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
233.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
234.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
235.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
236.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
237.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
238.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
239.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.

Message	Action
24x.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
250.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
260.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
27x.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
280.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
281.yy Paper jam	**1** Clear the paper path. **2** After clearing the paper path, press √ to resume printing.
282 Staple jam	**1** Remove the paper from the bin. **2** Clear the stapler. **3** After clearing the stapler, press √ to resume printing.
283 Staple jam	**1** Remove the paper from the bin. **2** Clear the stapler. **3** After clearing the stapler, press √ to resume printing.
900–999 Service <message>	**1** Turn the printer off. **2** Unplug the power cord from the wall outlet. **3** Check all cable connections. **4** Connect the power cord to a properly grounded outlet. **5** Turn the printer back on. If the service message recurs, call for service, and report the message number and description of the problem.

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