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You can read the recommendations in the user guide, the technical guide or the installation guide for HP COLOR LASERJET PRO M177FW. You'll find the answers to all your questions on the HP COLOR LASERJET PRO M177FW in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HP COLOR LASERJET PRO M177FW
User guide HP COLOR LASERJET PRO M177FW
Operating instructions HP COLOR LASERJET PRO M177FW
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Instruction manual HP COLOR LASERJET PRO M177FW



COLOR LASERJET PRO MFP

User Guide



M176



M177



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Manual abstract:

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ENWW Load the input tray 15 3. Adjust the paper guides so that they lightly touch the paper stack but do not bend the paper. 4. Reinstall the dust cover on the tray. Table 2-1 Input tray paper orientation Paper type Preprinted or letterhead Duplex mode 1-sided printing Paper size Any compatible paper size Image orientation Portrait How to load paper Face-up Top edge leading into the product 16 Chapter 2 Paper trays ENWW Table 2-1 Input tray paper orientation (continued) Paper type Duplex mode 2-sided printing Paper size Any compatible paper size Image orientation Portrait How to load paper Face-down Top edge leading into the product Prepunched 1- or 2-sided printing Any compatible paper size Portrait Face-up Holes toward the left of the product Envelopes 1-sided printing Any compatible envelope size Short edge of the envelope feeding into the product Face-up Top edge toward the right of the tray, postage end entering the product last ENWW Load the input tray 17 18 Chapter 2 Paper trays ENWW 3 Print □ □ □ □ Print tasks (Windows) Print tasks (Mac OS X) Web-based printing Set up HP Wireless Direct Printing (touchscreen models only) Go to www.hp.com/support/ljMFPM176series or www.hp.com/support/ljMFPM177series for HP's allinclusive help for your product: □ □ □ □ Solve problems. Download software updates. Join support forums. Find warranty and regulatory information. You can also go to www.hp.com/support for Worldwide support and other HP products. ENWW 19 Print tasks (Windows) □ □ □ □ □ How to print (Windows) Manually print on both sides (Windows) Print multiple pages per sheet (Windows) Select the paper type (Windows) Additional printing information How to print (Windows) The following procedure describes the basic printing process for Windows. 1. 2. From the software program, select the Print option. Select the product from the list of printers, and then click or tap the Properties or Preferences button to open the print driver.

NOTE: The name of the button varies for different software programs. 3. 4. 5. Click or tap the tabs in the print driver to configure the available options. Click or tap the OK button to return to the Print dialog box. Select the number of copies to print from this screen. Click or tap the OK button to print the job. Manually print on both sides (Windows) 1. 2.

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4. 5. 6. Click the File menu, and then click the Print option. In the Printer menu, select this product. Open the menus drop-down list or click Show Details, and then click the Manual Duplex menu. Click the Manual Duplex box, and then select a binding option. Click the Print button. Go to the product, and remove any blank paper that is in the input tray. ENWW Print tasks (Mac OS X) 27 7.

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Click the File menu, and then click the Print option. In the Printer menu, select the product. Open the menus drop-down list or click Show Details, and then click the Layout menu.



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From the Pages per Sheet drop-down list, select the number of pages that you want to print on each sheet. In the Layout Direction area, select the order and placement of the pages on the sheet. From the Borders menu, select the type of border to print around each page on the sheet. Click the Print button. Select the paper type (Mac OS X) 1. 2. 3.

4. 5. Click the File menu, and then click the Print option. In the Printer menu, select the product. Open the menus drop-down list or click Show Details, and then click the Finishing menu. Select a type from the Media-type drop-down list. Click the Print button. Additional printing information Go to www.hp.com/support to visit the support Web site for this product and for details about performing specific print tasks, such as the following: 28 Chapter 3 Print ENWW □ □ □ □ □ □ Create and use printing shortcuts or presets Select the paper size, or use a custom paper size Select the page orientation Create a booklet Scale a document to fit a specific paper size Print the first or last pages of the document on different paper Print watermarks on a document ENWW Print tasks (Mac OS X) 29 Web-based printing Several options are available for remote printing over the Internet.

HP ePrint Use HP ePrint to print documents by sending them as an email attachment to the product's email address from any email enabled device. To use HP ePrint, the product must meet these requirements: □ □ The product must be connected to a wired or wireless network and have Internet access. HP Web Services must be enabled on the product, and the product must be registered with HP Connected. LCD control panel 1. Find the product IP address.

a. b. On the product control panel, press the Setup Open the following menus: □ □ 2. 3. Network Setup Show IP Address button.

To open the HP Embedded Web Server, enter the product IP address into the address line of a Web browser on the computer. Click the HP Web Services tab on the HP Embedded Web Server, and then click Enable. The product enables Web Services, and then prints an information page. The information page contains the printer code that you use to register your HP product at HP Connected. 4. Go to www.hpconnected.com to create an HP ePrint account and complete the setup process. Touchscreen control panel 1. 2.

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Go to www.hpconnected.com to create an HP ePrint account and complete the setup process. For more information, go to www.hp.com/support to review additional support information for your product. HP ePrint software The HP ePrint software makes it easy to print from a desktop or laptop computer to any HP ePrint capable product. After installing the software, open the Print option from within your application, and then select HP ePrint from the installed printers list. This software makes it easy to find HP ePrint-enabled products that 30 Chapter 3 Print ENWW are registered to your HP Connected account. The target HP product can be at your desk or in a remote location, such as a branch office or across the globe.

For Windows, the HP ePrint software also supports traditional direct IP printing to local network printers on the network (LAN or WAN) to supported PostScript® products. Go to www.hp.com/go/eprintsoftware for drivers and information. NOTE: The HP ePrint software is a PDF workflow utility for Mac, and is not technically a print driver.

HP ePrint software for Mac supports print paths only through HP Connected and does not support direct IP printing to local network printers. AirPrint Direct printing using Apple's AirPrint is supported for iOS 4.2 or later. Use AirPrint to print directly to the product from an iPad, iPhone (3GS or later), or iPod touch (third generation or later) in the following applications: □ □ □ □ □ Mail Photos Safari iBooks Select third-party applications To use AirPrint, the product must be connected to the same wireless network as the Apple device. For more information about using AirPrint and about which HP products are compatible with AirPrint, go to www.hp.com/go/airprint. NOTE: AirPrint does not support USB connections. AirPrint provides print-only mobile functionality. AirPrint does not support scanning.

ENWW Web-based printing 31 Set up HP Wireless Direct Printing (touchscreen models only) NOTE: This feature is available with wireless models only and the product might require a firmware update to use this feature. The HP Wireless Direct Printing feature lets you print from your wireless mobile device directly to an HP Wireless Direct-enabled product without requiring connection to an established network or the Internet. Use HP Wireless Direct to print wirelessly from the following devices: □ □ □ iPhone, iPad, or iPod using Apple AirPrint or the HP ePrint mobile app Mobile devices that run Android, iOS, or Symbian using the HP ePrint Home & Biz application Any wireless capable computer with any operating system. For more information on HP Wireless Direct, go to www.hp.com/go/wirelessprinting, and then click HP Wireless Direct. To set up HP Wireless Direct from the control panel, complete the following steps: 1. 2. From the Home screen on the product control panel, touch the Wireless Open the following menus: □ □ □ 3. Wireless Menu Wireless Direct Settings On/Off button.

Touch the On menu item. The product saves the setting and then returns the control panel to the Wireless Direct Settings menu. 32 Chapter 3 Print ENWW 4 Copy □ □ □ Make a copy Copy on both sides (duplex) Optimize copy quality Go to www.hp.com/support/ljMFPM176series or www.hp.com/support/ljMFPM177series for HP's allinclusive help for your product: □ □ □ □ Solve problems. Download software updates. Join support forums. Find warranty and regulatory information.

You can also go to www.hp.com/support for Worldwide support and other HP products. ENWW 33 Make a copy LCD control panel 1. 2. 3. 4. 5. Load the document on the scanner glass according to the indicators on the product. Close the scanner.

At the product control panel, press the Number of Copies Select the number of copies. Press either the Black Start Copy button or the Color Start Copy button to start copying. Touchscreen control panel 1. 2. 3. 4. 5. Load the document on the scanner glass according to the indicators on the product. Close the scanner.

From the Home screen on the product control panel, touch the Copy button. Touch the arrows to change the number of copies, or touch the existing number and type the number of copies. Touch the Black or Color button to start copying. 34 Chapter 4 Copy ENWW Copy on both sides (duplex) 1. 2. 3. Load the document on the scanner glass according to the indicators on the product. Close the scanner.



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Start the copy job. □ LCD control panel: On the product control panel, press either the Black Start Copy the Color Start Copy □ 4. button. button or Touchscreen control panel: From the Home screen on the product control panel, touch the Copy button, select the number of copies, and then touch the Black or Color button. Retrieve the printed page from the output bin, and place it with the printed-side facing down, top edge first in input tray. 5. 6. Flip the original document on the scanner glass to copy the second side. Start the copy job. □ LCD control panel: On the product control panel, press either the Black Start Copy the Color Start Copy □ button. button or Touchscreen control panel: From the Home screen on the product control panel, touch the Copy button, select the number of copies, and then touch the Black or Color button. 7.

Repeat this process until you have copied all of the pages. ENWW Copy on both sides (duplex) 35 Optimize copy quality The following copy-quality settings are available: □ □ □ □ Auto Select: Use this setting when you are not concerned about the quality of the copy. This is the default setting. Mixed: Use this setting for documents that contain a mixture of text and graphics. Text: Use this setting for documents that contain mostly text. Picture: Use this setting for documents that contain mostly graphics. LCD control panel 1. 2. 3. 4.

5. 6. Load the document on the scanner glass according to the indicators on the product. Close the scanner. On the product control panel, press the Copy Menu Open the Optimize menu.

Use the arrow buttons to scroll through the options, and then press the OK button to select it. Press either the Black Start Copy button or the Color Start Copy button to start copying. button. Touchscreen control panel 1. 2.

3. 4. 5. 6. Load the document on the scanner glass according to the indicators on the product. Close the scanner. From the Home screen on the product control panel, touch the Copy button. Touch the Settings button, and then scroll to and touch the Optimize button. Touch the arrow buttons to scroll through the options, and then touch an option to select it. Touch the Back button, and then touch the Black or Color button to start copying.

36 Chapter 4 Copy ENWW 5 Scan □ □ Scan by using the HP Scan software (Windows) Scan by using the HP Scan software (Mac OS X) Go to www.hp.com/support/ljMFPM176series or www.hp.com/support/ljMFPM177series for HP's allinclusive help for your product: □ □ □ □ Solve problems.

Download software updates. Join support forums. Find warranty and regulatory information. You can also go to www.hp.com/support for Worldwide support and other HP products. ENWW 37 Scan by using the HP Scan software (Windows) Use the HP Scan software to initiate scanning from software on your computer. You can save the scanned image as a file or send it to another software application. 1. Load the document on the scanner glass according to the indicators on the product.

NOTE: For best results, load small-size paper (Letter, A4, or smaller) with the long edge of the paper along the left side of the scanner glass. 2. 3. 4. 5. Click Start, and then click Programs (or All Programs in Windows XP). Click HP, and then select your product. Click HP Scan, select a scanning shortcut, and then adjust the settings if necessary. Click Scan. Click Advanced Settings to gain access to more options. NOTE: Click Create New Shortcut to create a customized set of settings and save it in the list of shortcuts. 38 Chapter 5 Scan ENWW Scan by using the HP Scan software (Mac OS X) Use the HP Scan software to initiate scanning from software on your computer. 1. Load the document on the scanner glass according to the indicators on the product. NOTE: For best results, load small-size paper (letter, A4, or smaller) with the long edge of the paper along the left side of the scanner glass.

2. 3. 4. Open the HP Scan software, which is located in the Hewlett-Packard folder inside the Applications folder. Follow the on-screen instructions to scan the document. When you have scanned all the pages, click the Done button to save them to a file. ENWW Scan by using the HP Scan software (Mac OS X) 39 40 Chapter 5 Scan ENWW 6 Fax □ □ □ Connect and configure the product for fax Send a fax Create, edit, and delete speed-dial entries Go to www.hp.com/support/ljMFPM176series or www.hp.com/support/ljMFPM177series for HP's allinclusive help for your product: □ □ □ □ Solve problems. Download software updates. Join support forums. Find warranty and regulatory information. You can also go to www.hp.com/support for Worldwide support and other HP products. ENWW 41 Connect and configure the product for fax □ □ □ Connect the product Configure the product Install the HP Fax software (Windows, optional) Connect the product The product is an analog device. HP recommends using the product on a dedicated analog telephone line. NOTE: Some countries/regions might require an adapter for the telephone cable that came with the product.

1. Connect the telephone cable to the fax port on the product and to the telephone jack on the wall. 2. (Optional) To connect an answering machine or extension phone, pull down the rubber plug from the telephone port on the product. Connect another telephone cable to the telephone port on the product and to the "line in" port on the answering machine or extension phone. 42 Chapter 6 Fax ENWW Configure the product How you configure the product varies depending on whether you set it up for standalone fax, with an answering machine, or with an extension phone. NOTE: □ □ □ □ Configuring the fax time, date, and header settings is required to use the fax feature. Configure fax time, date, and header Configure for stand-alone fax Configure for an answering machine Configure for an extension phone Configure fax time, date, and header You might have configured these settings when you installed the software.

You can configure these settings at any time by using the product control panel or the HP Fax Setup Wizard. □ □ Control panel 1.

2. 3. 4. 5. 6. 7. 8. 9. From the Home screen on the product control panel, select Setup Select Fax Setup, and then select Basic Setup. Select Time/Date. Select the 12-hour clock or 24-hour clock. Use the keypad to enter the current time, and then select OK. Select the date format. Use the keypad to enter the current date, and then select OK. Select Fax Header.

Use the keypad to enter your fax number, and then select OK. NOTE: The maximum number of characters for the fax number is 20. 10. Use the keypad to enter your company name or header, and then select OK. To enter special characters that are not on the standard keypad, select @#\$ to open a keypad that contains special characters.

NOTE: The maximum number of characters for the fax header is 40. . Control panel HP Fax Setup Wizard (Windows) ENWW Connect and configure the product for fax 43 HP Fax Setup Wizard (Windows) 1. 2. 3. Click Start, and then click Programs.



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Click HP, click the name of the product, and then click Fax Setup Wizard. Follow the on-screen instructions to configure the fax settings. Configure for stand-alone fax You can use the product as a stand-alone fax machine without connecting it to a computer or a network. 1.

2. 3. From the Home screen on the product control panel, select Setup Select Fax Setup, and then select Fax Set-Up Utility. Follow the on-screen prompts and select the appropriate response for each question. NOTE: The maximum number of characters for the fax number is 20. The maximum number of characters for the fax header is 40. . Configure for an answering machine If you connect a telephone answering machine to the product, you need to configure the Rings to Answer and Answer Mode settings for the product. Follow these steps to configure the product. 1.

2. 3. 4. 5. 6.

7. From the Home screen on the product control panel, select Setup Select Fax Setup, and then select Basic Setup. Select Rings to Answer. Set the product rings-to-answer setting for at least one ring more than the number of rings for which the answering machine is set. Use the keypad to enter the number of rings, and then select OK.

Select Back to return to the Basic Setup menu. . Select Answer Mode. Select TAM, and then select OK. With this setting, the product listens for fax tones after the answering machine has picked up the call. The product picks up a call if fax tones are detected. Configure for an extension phone If you connect an extension phone to the product, you need to change some fax settings for the product to work with this configuration. Follow these steps to configure the product. 1. 2.

3. 4. From the Home screen on the product control panel, select Setup Select Fax Setup, and then select Advanced Setup. Select Extension Phone. Make sure that the On option is selected. With this setting turned on, you can alert the product to pick up the incoming fax call by pressing 1-2-3 sequentially on the telephone keypad. Turn this setting off only if you use pulse dialing or if you have a . 44 Chapter 6 Fax ENWW service from your telephone company that also uses the 1-2-3 sequence. The telephone company service does not work if it conflicts with the product. 5.

6. 7. Select Back twice to return to the Fax Setup menu. Select Basic Setup, and then select Answer Mode. Select Fax/Tel.

With this setting, the product automatically picks up all calls and determines if the call is a voice or fax call. If the call is a fax call, the product handles the call as an incoming fax. If the incoming call is detected as a voice call, the product generates an audible synthesized ring to alert you of an incoming voice call. 8. 9.

Select Back twice to return to the Fax Setup menu. Select Advanced Setup, and then select Fax/Tel Ring Time. 10. Select the number of seconds after which the product should stop sounding the Fax/Tel audible ring to notify you of an incoming voice call. Install the HP Fax software (Windows, optional) With HP Fax software, you can fax electronic documents from a computer if you meet the following requirements: The product is connected directly to the computer or to a network to which the computer is connected. The product software is installed on the computer. The computer operating system is one that this product supports. NOTE: The HP Fax software that came with the product is the only computer fax program that works with the product. The product is not compatible with fax software produced by other manufacturers. If the HP Fax software is not installed on your computer, use one of the following methods to install the software.

Software CD: Insert the software CD that shipped with your HP product into the computer, and then follow the on-screen instructions. Download from the Web: Go to www.hp.com/support, click Drivers & Software, and then follow the on-screen instructions to download the latest HP software. NOTE: When prompted by the software installer, make sure that HP Fax Software is selected as one of the software components to install. ENWW Connect and configure the product for fax 45 Send a fax Send a fax by dialing manually from the product control panel Send a fax from the HP software (Windows) CAUTION:

To prevent damage to the product, do not use an original that contains correction tape, correction fluid, paper clips, or staples. Also, do not load photographs, small originals, or fragile originals into the document feeder. Send a fax by dialing manually from the product control panel 1. Load the document. If you are loading an original on the scanner glass, place it on the scanner glass face-down, in the left rear corner of the scanner glass.

If you are loading multiple pages in the document feeder, load the pages face-up, and then adjust the paper guides until they are snug against the paper.

NOTE: If documents are in the document feeder and on the scanner glass at the same time, the product processes the document in the document feeder and not the one on the scanner glass. 2. 3. From the Home screen on the product control panel, select Fax.

Use the keypad to enter the fax number. NOTE: To use access codes, credit cards, or calling cards, you must dial the fax number manually to allow for pauses and dialing codes. To send a fax to an international destination, dial manually to allow for pauses and international dialing codes. You cannot use speed dials with access codes, credit cards, calling cards, or to dial international destinations. 4.

Select Start Fax. NOTE: If you are faxing from the scanner glass and your document includes multiple pages, follow the control panel prompts to confirm and load additional pages. Send a fax from the HP software (Windows) 1. Load the document. If you are loading an original on the scanner glass, place it on the scanner glass face-down, in the left rear corner of the scanner glass. If you are loading multiple pages in the document feeder, load the pages face-up, and then adjust the paper guides until they are snug against the paper. NOTE: If documents are in the document feeder and on the scanner glass at the same time, the product processes the document in the document feeder and not the one on the scanner glass. 2. 3. 4.

5. From the computer, click Start, click Programs (or All Programs in Windows XP), and then click HP. Click the product name, and then click HP Send Fax. The fax software opens. Enter the fax number of one or more recipients. Click Send Now. 46 Chapter 6 Fax ENWW Create, edit, and delete speed-dial entries You can store frequently dialed fax numbers (up to 100 entries) as speed-dial entries. Create and edit speed-dial entries Delete speed-dial entries Create and edit speed-dial entries 1. 2. 3.

4. 5. 6. From the Home screen on the product control panel, touch the Fax button. Touch Fax Menu, and then touch Phone Book Setup.

Touch Individual Setup. Select an unassigned number from the list. Use the keypad to enter a name for the entry, and then touch the OK button. Use the keypad to enter the fax number for the entry, and then touch the OK button.



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Delete speed-dial entries 1.

2. 3. 4. From the Home screen on the product control panel, touch the Fax button. Touch Fax Menu, and then touch Phone Book Setup. Touch Delete Entry. Select the entry you want to delete, and then touch the OK button. NOTE: If you want to delete all speed-dial entries, select Delete All Entries. ENWW Create, edit, and delete speed-dial entries 47 48 Chapter 6 Fax ENWW 7 Manage the product □ □ □ □ □ □ □ □ Change the product connection type (Windows) Use HP Web Services applications (touchscreen models only) HP Device Toolbox (Windows) HP Utility for Mac OS X Product security features Economy settings A <Color> cartridge is low or <Color> cartridge is very low message displays on the product control panel Replace the toner cartridge Replace the imaging drum Go to www.hp.

com/support/ljMFPM176series or www.hp.com/support/ljMFPM177series for HP's allinclusive help for your product: □ □ □ □ Solve problems. Download software updates. Join support forums. Find warranty and regulatory information. You can also go to www.hp.com/support for Worldwide support and other HP products. ENWW 49 Change the product connection type (Windows) If you are already using the product and you wish to change the way it is connected, use the Reconfigure your HP Device shortcut on your computer desktop to change the connection.

For example, you can reconfigure the product to use a different wireless address, to connect to a wired or wireless network, or change from a network connection to a USB connection. You can change the configuration without inserting the product CD. After you select the type of connection you wish to make, the program goes directly to the portion of the product setup procedure that needs to change. 50 Chapter 7 Manage the product ENWW Use HP Web Services applications (touchscreen models only) Several innovative applications are available for this product that you can download directly from the Internet. For more information and to download these applications go to the HP Connected Web site at www.

hpconnected.com. To use this feature, the product must be connected to a computer or network that has an Internet connection. HP Web Services must be enabled on the product. 1.

2. From the Home screen on the product control panel, touch the Web Services Touch the Enable Web Services button. After you download an application from the HP Connected Web site, it is available in the Apps menu on the product control panel. This process enables both HP Web Services and the Apps menu. button. ENWW Use HP Web Services applications (touchscreen models only) 51 HP Device Toolbox (Windows) Use the HP Device Toolbox for Windows to check product status or to view or change product settings from your computer. This tool opens the HP Embedded Web Server for the product. NOTE: This tool is available only if you performed a full installation when you installed the product. Depending on how the product is connected, some features might not be available. 1.

2. Click the Start button, and then click the Programs item. Click your HP product group, and then click the HP Device Toolbox item. Description □ □ Device Status: Shows the product status and shows the approximate percent life remaining of HP supplies. Supplies Status: Shows the approximate percent life remaining of HP supplies. Actual supply life remaining can vary. Consider having a replacement supply available to install when print quality is no longer acceptable. The supply does not need to be replaced unless the print quality is no longer acceptable. Device Configuration: Shows the information found on the product configuration page. Network Summary: Shows the information found on the product network configuration page.

Reports: Print the configuration and supplies status pages that the product generates. Event Log: Shows a list of all product events and errors. Device Information: Provides basic product and company information. Paper Setup: Change the default paper-handling settings for the product. Print Quality: Change the default print-quality settings for the product.

EcoSMART Console: Change the default times for entering Sleep mode or Auto Power Down mode. Configure which events cause the product to wake. Paper Types: Configure print modes that correspond to the paper types that the product accepts. System Setup: Change the system defaults for the product. Service: Perform the cleaning procedure on the product.

Save and Restore: Save the current settings for the product to a file on the computer. Use this file to load the same settings onto another product or to restore these settings to this product at a later time. Administration: Set or change the product password. Enable or disable product features. Tab or section Home tab Provides product, status, and configuration information. □ □ □ □ System tab Provides the ability to configure the product from your computer. □ □ □ □ □ □ □ □ NOTE: The System tab can be password-protected. If this product is on a network, always consult with the administrator before changing settings on this tab. Print tab Provides the ability to change default print settings from your computer. Printing: Change the default product print settings, such as number of copies and paper orientation.

These are the same options that are available on the control panel. 52 Chapter 7 Manage the product ENWW Tab or section Fax tab Description □ □ □ Phone Book: Add or delete entries in the fax phone book. Junk Fax List: Set fax numbers to block from sending faxes to the product. Fax Activity Log: Review recent fax activity for the product. Networking tab Provides the ability to change network settings from your computer. HP Web Services tab HP Smart Install tab Network administrators can use this tab to control network-related settings for the product when it is connected to an IP-based network. It also allows the network administrator to set up Wireless Direct functionality. This tab does not appear if the product is directly connected to a computer. Use this tab to set up and use various Web tools with the product. Use this tab to disable HP Smart Install or to download and install the product software.

ENWW HP Device Toolbox (Windows) 53 HP Utility for Mac OS X Use the HP Utility for Mac OS X to view or change product settings from your computer. You can use the HP Utility when the product is connected with a USB cable or is connected to a TCP/IP-based network. Open the HP Utility From the Finder, click Applications, click Hewlett-Packard, and then click HP Utility. If HP Utility is not included, use the following procedure to open it: 1. 2.

3. 4. 5. At the computer, open the Apple menu, click the System Preferences menu, and then click the Print & Fax icon or the Print & Scan icon. Select the product in the left side of the window.

Click the Options & Supplies button. Click the Utility tab. @@@@ @@@@Supplies: Click this button to open the HP SureSupply Web site.



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Registration: Click this button to open the HP registration Web site. **@@@** Display error events that have occurred with the product. **@@@** Change the paper size and type for each of the trays. Open the HP Embedded Web Server (EWS) for the product. **@@** Store the fax numbers you want to block. Set up the product to send the incoming faxes to a different number. View the logs of all faxes.

@@@ LCD control panel 1. 2. **@@@** Enter the password, and then click the Apply button. 5. **@@@** From the Home screen on the product control panel, touch the Network product IP address. 2. To open the HP Embedded Web Server, enter the product IP address into the address line of a Web browser. NOTE: You can also access the HP Embedded Web Server from the HP Device Toolbox for Windows or the HP Utility for Mac OS X. 3. Click the System tab, and then click the Product Security link.

@@ Enter the password, and then click the Apply button. 4. 5. Enter the new password in the New Password box and in the Verify Password box. At the bottom of the window, click the Apply button to save the password. button to find the 56 Chapter 7 Manage the product ENWW Lock the product 1. You can attach a security cable to the slot on the back of the product. ENWW Product security features 57 Economy settings Print with EconoMode Configure the Sleep/Auto Off After setting Print with EconoMode This product has an EconoMode option for printing drafts of documents. Using EconoMode can use less toner. However, using EconoMode can also reduce print quality. HP does not recommend the full-time use of EconoMode. If EconoMode is used full-time, the toner supply might outlast the mechanical parts in the toner cartridge. If print quality begins to degrade and is no longer acceptable, consider replacing the toner cartridge. NOTE: 1. 2. 3. 4. If this option is not available in your print driver, you can set it using the HP Embedded Web Server. From the software program, select the Print option. Select the product, and then click the Properties or Preferences button.

Click the Paper/Quality tab. Click the EconoMode check box. Configure the Sleep/Auto Off After setting LCD control panel 1. 2. On the product control panel, press the Setup Open the following menus: 3. System Setup Energy Settings Sleep/Auto Off After button. Use the arrow keys to select the time for the Sleep/Auto Off delay, and then press the OK button. NOTE: The default value is 15 Minutes. 4. The product automatically wakes when it receives jobs or when you press a button on the product control panel.

You can change which events cause the product to wake. Open the following menus: System Setup Energy Settings Wake/Auto On Events To turn off a wake event, select the event, and then select the No option. 58 Chapter 7 Manage the product ENWW Touchscreen control panel 1. 2. From the Home screen on the product control panel, touch the Setup Open the following menus: 3.

System Setup Energy Settings Sleep/Auto Off After button. Select the time for the Sleep/Auto Off delay. NOTE: The default value is 15 Minutes. 4. The product automatically wakes when it receives jobs or when you touch the screen on the product control panel.

You can change which events cause the product to wake. Open the following menus: System Setup Energy Settings Wake/Auto On Events To turn off a wake event, select the event, and then select the No option. ENWW Economy settings 59 A <Color> cartridge is low or <Color> cartridge is very low message displays on the product control panel A <Color> cartridge is low or <Color> cartridge is very low message displays on the product control panel, and the product does not print. NOTE: Toner level warnings and indicators provide estimates for planning purposes only. When an indicator shows low-toner levels, consider having a replacement cartridge available to avoid possible printing delays. You do not need to replace cartridges until print quality becomes unacceptable. Once an HP toner cartridge has reached "very low", HP's Premium Protection Warranty on that toner cartridge has ended. You can change the way the product reacts when supplies reach the Very Low state. You do not have to reestablish these settings when you install a new toner cartridge. Enable or disable the Very Low settings You can enable or disable the default settings at any time, and you do not have to re-enable them when you install a new toner cartridge.

LCD control panel 1. 2. On the product control panel, press the Setup Open the following menus: 3. System Setup Supply Settings Black Cartridge or Color Cartridge Very Low Setting button. Select one of the following options, and then press the OK button: Select the Stop option to set the product to stop printing until you replace the toner cartridge. Select the Prompt option to set the product to stop printing and prompt you to replace the toner cartridge. You can acknowledge the prompt and continue printing. Select the Continue option to set the product to alert you that the toner cartridge is very low, but to continue printing. For color toner cartridges only, select the Print Black option to continue printing in black and white if the color toner cartridges are very low. Touchscreen control panel 1.

2. From the Home screen on the product control panel, touch the Setup Open the following menus: System Setup Supply Settings button. 60 Chapter 7 Manage the product ENWW 3. Black Cartridge or Color Cartridge Very Low Setting Select one of the following options: Select the Stop option to set the product to stop printing until you replace the toner cartridge. Select the Prompt option to set the product to stop printing and prompt you to replace the toner cartridge.

You can acknowledge the prompt and continue printing. Select the Continue option to set the product to alert you that the toner cartridge is very low, but to continue printing. For color toner cartridges only, select the Print Black option to continue printing in black and white if the color toner cartridges are very low. For models with fax, when the product is set to the Stop option there is some risk that faxes will not print after the new cartridge is installed if your product has received more faxes than the memory can hold while stopped. For models with fax, when the product is set to the Prompt option, there is some risk that faxes will not print after the new cartridge is installed if your product has received more faxes than the memory can hold while the product is waiting for the prompt to be acknowledged.

Once an HP toner cartridge has reached Very Low, HP's Premium Protection Warranty on that toner cartridge has ended. All print defects or cartridge failures incurred when an HP toner cartridge is used in Continue at very low mode will not be considered to be defects in materials or workmanship in the toner cartridge under the HP Print Cartridge Warranty Statement.



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ENWW A <Color> cartridge is low or <Color> cartridge is very low message displays on the product control panel 61 Replace the toner cartridge When a toner cartridge approaches the end of useful life, you are prompted to order a replacement. You can continue printing with the current cartridge until redistributing the toner no longer yields acceptable print quality. 1. Rotate the cartridges to access the cartridge that needs replacement. □ LCD Control panel: Press the Rotate Cartridges button to access the cartridge that needs replacement. The control panel indicates the cartridge that is accessible in the rotation. Touchscreen control panel: Touch the Supply icon for the cartridge that needs replacement. The cartridges rotate to the cartridge you select.

OK X □ 2. Lift the scanner assembly. 3. Open the top cover. 62 Chapter 7 Manage the product ENWW 4. Remove the toner cartridge. 5. Remove the new toner cartridge from the bag. Place the used toner cartridge in the bag for recycling. 6. Grasp both sides of the toner cartridge and distribute the toner by gently rocking the cartridge. 7. Grasp the toner cartridge by the center handle, and then pull the protective plastic shield straight off the cartridge. CAUTION: Do not touch the shutter or the surface of the roller. 8. Bend the tab on the left side of the cartridge until the tab breaks loose. Pull the tab until all the tape is removed from the cartridge. Place the tab and tape in the toner cartridge box to return for recycling. ENWW Replace the toner cartridge 63 9. Align the toner cartridge with the tracks inside the product, and then insert the toner cartridge until it is firmly seated.

NOTE: Compare the color label on the toner cartridge to the color label in the carousel slot to make sure the toner cartridge color matches the carousel position. 10. Close the top cover. 11. Rotate to the next cartridge that needs replacement. □ LCD Control panel: Press the Rotate Cartridges button to move to the next OK X 64 Chapter 7 Manage the product ENWW cartridge. Repeat this process until you have finished replacing toner cartridges. □ Touchscreen control panel: Touch the Supply icon for the cartridge that needs replacement. The cartridges rotate to the cartridge you select. Repeat this process until you have finished replacing toner cartridges.

NOTE: The top cover must be closed to rotate the cartridges. 12. When the cartridges have been replaced, close the scanner assembly. ENWW Replace the toner cartridge 65 Replace the imaging drum 1. Lift the scanner assembly. 2. Open the top cover. 3. Remove the dust cover from the tray. 66 Chapter 7 Manage the product ENWW 4.

Open the front cover. 5. Lift the two levers that hold the imaging drum. 6. Remove the old imaging drum. ENWW Replace the imaging drum 67 7. Remove the new imaging drum from the bag. Place the used imaging drum in the bag for recycling. 8. Remove the protective shielding from the new imaging drum.

CAUTION: To prevent damage, do not expose the imaging drum to light. Cover it with a piece of paper. Do not touch the green roller. Fingerprints on the imaging drum can cause print-quality problems. 9. Insert the new imaging drum in the product. 10. Lower the two levers that hold the imaging drum. 68 Chapter 7 Manage the product ENWW 11. Close the front cover.

12. Reinstall the dust cover on the tray. ENWW Replace the imaging drum 69 13. Close the top cover. 14. Close the scanner assembly. 70 Chapter 7 Manage the product ENWW 8 Solve problems □ □ □ □ □ □ □ □ □ □ Control panel help system (touchscreen models only) Restore the factory-set defaults Solve paper feed or jam problems Clear jams from the input tray Clear jams in the output bin Clear jams in the document feeder Improve print quality Improve copy and scan quality Improve fax image quality Solve wired network problems Solve wireless network problems Solve fax problems Go to

www.hp.com/support/ljMFPM177series or www.hp.com/support/ljMFPM177series for HP's allinclusive help for your product: □ □ □ □ Solve problems. Download software updates. Join support forums. Find warranty and regulatory information. You can also go to www.hp.com/support

for Worldwide support and other HP products. ENWW 71 Control panel help system (touchscreen models only) The product has a built-in Help system that explains how to use each screen. To open the Help system, touch the Help button in the upper-right corner of the screen. For some screens, the Help opens to a global menu where you can search for specific topics.

You can browse through the menu structure by touching the buttons in the menu. Some Help screens include animations that guide you through procedures, such as clearing jams. For screens that contain settings for individual jobs, the Help opens to a topic that explains the options for that screen. If the product alerts you of an error or warning, touch the Help button to open a message that describes the problem. The message also contains instructions to help solve the problem. 72 Chapter 8 Solve problems ENWW Restore the factory-set defaults Restoring the factory-set defaults returns all of the product and network settings to the factory defaults. It will not reset the page count, tray size, or language. To restore the product to the factory-default settings, follow these steps. CAUTION: Restoring the factory-set defaults returns all of the settings to the factory defaults, and it also deletes any pages that are stored in the memory. 1.

2. 3. On the product control panel, press or touch the Setup Open the Service menu. Select the Restore Defaults option, and then press or touch the OK button. The product automatically restarts. button. ENWW Restore the factory-set defaults 73 Solve paper feed or jam problems If the product has recurring problems with paper feeding or with jams, use the following information to reduce the number of occurrences. The product does not pick up paper If the product does not pick up paper from the tray, try these solutions. 1. 2.

3. 4. 5. 6. Open the product and remove any jammed sheets of paper. Load the tray with the correct size of paper for your job. Make sure the paper size and type are set correctly on the product control panel. Make sure the paper guides in the tray are adjusted correctly for the size of paper. Adjust the guides to the appropriate indentation in the tray. Check the product control panel to see if the product is waiting for you to acknowledge a prompt to feed the paper manually.

Load paper, and continue. The rollers above the tray might be contaminated. Clean the rollers with a lint-free cloth dampened with warm water. The product picks up multiple sheets of paper If the product picks up multiple sheets of paper from the tray, try these solutions. 1. 2. 3. 4. 5. 6.

Remove the stack of paper from the tray and flex it, rotate it 180 degrees, and flip it over. Do not fan the paper. Return the stack of paper to the tray. Use only paper that meets HP specifications for this product.



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