LaserJet Pro MFP M148-M149
LaserJet Pro MFP M227-M229
LaserJet Ultra MFP M230-M231

17.5° – 25°C
(63.5° – 77°F)

30% - 70%

110-127V
220-240V

624.4mm
(24.6 inches)

9.9kg
21.8lb

407.4mm
(16 inches)

415.1mm
(16.3 inches)

1

2

2.1

2.2

2.3

2.4

3

3.1

3.2

110-127V
220-240V

4

HP Smart

HP Smart

123.hp.com/laserjet

Download on the
App Store

Get it on
Windows 10

LaserJet Pro MFP M148-M149
LaserJet Pro MFP M227-M229
LaserJet Ultra MFP M230-M231
参考指南
Reference Guide

2 行 LCD 控制面板视图

1	2 行控制面板显示屏	10	字母数字小键盘
2	左箭头◀按钮	11	"重拨传真" ↻ 按钮
3	OK 按钮	12	"开始传真" ↻ 按钮
4	右箭头▶按钮	13	"设置" �’按钮
5	"取消" ✕按钮	14	"无线" ⟨⟨ᵀ⟩⟩ 按钮 (仅限无线型号)
6	"开始复印" 🗎🗎 按钮	15	后退箭头 ↩ 按钮
7	"份数" 🗎 按钮	16	"就绪" ○LED 指示灯
8	"更浅/更深" ◐ 按钮	17	"注意" △LED 指示灯
9	"复印菜单" 🗎 按钮		

触摸屏控制面板视图

1	"后退" 按钮
2	"主页" 按钮
3	"帮助" 按钮
4	彩色触摸屏
5	主页屏幕指示器

控制面板错误消息

错误消息	解决方案
装入纸张	插入纸张。
• 正在初始化… • 正在清洁… • 正在打印…冷却模式	无需执行操作。
致命错误 65	关闭再打开电源。如果仍有错误，请致电 HP 客户服务。
挡盖打开	合上所有挡盖。
• 纸盘 1 卡纸。清除卡纸，然后按 OK。 • 碳粉盒区域卡纸。打开顶盖，然后卸下碳粉盒。清除卡纸。	参阅《用户指南》。
• 手动进纸。普通纸、信纸。或按 OK 以使用可用的介质。 • 手动双面打印。将纸张装入纸盘 1。按 OK 以继续。	在就绪时，按 2 行控制面板上的 OK 按钮或点击触摸屏控制面板上的**确定**。
• 耗材内存错误。 • 安装黑色碳粉盒。 • 黑色碳粉盒不兼容。 • 黑色碳粉盒受保护。 • 黑色碳粉盒未经授权。	取出再插回碳粉盒或成像鼓。如果仍有错误，请致电 HP 客户服务。
• 黑色碳粉盒碳粉严重不足。 • 正在使用二手或仿冒的黑色碳粉盒。	更换新的碳粉盒或成像鼓。

📱 移动打印

📶 使用移动 HP Smart 应用程序设置无线（仅限无线型号）

1. 从打印机上拔下以太网电缆和 USB 电缆。
2. 执行以下步骤之一：
   a. 对于 2 行控制面板打印机：按住打印机控制面板上的"无线"📶 按钮。当"就绪"⏻ LED 指示灯和"注意"⚠ LED 指示灯一起开始闪烁时，松开"无线"📶 按钮。
   b. 对于触摸屏控制面板打印机：转到打印机上的**设置**菜单，依次选择**网络设置**、**还原默认值/还原网络设置**。
   打印机将自动还原网络默认设置并重新启动。
3. 访问 123.hp.com 以将 HP Smart 应用程序安装到您的移动设备上。
4. 运行 HP Smart 应用程序。按照屏幕上的说明选择打印机的名称（例如"HP-setup-XXX"）并将它连接到无线网络。有关详细信息，请参阅常见问题解答二维码。
5. 打印机成功连接到无线网络后，"无线"📶 LED 指示灯将停止闪烁并保持常亮。

使用 HP Smart 应用程序进行设置、打印等等。

1. 扫描二维码或访问 123.hp.com。
2. 安装 HP Smart 应用程序。
3. 运行 HP Smart 应用程序，然后按屏幕上的说明进行连接、设置、打印等等。

ℹ 详细了解移动打印

有关这些和其他操作系统（Chrome/Google 云打印）的进一步信息，请访问 www.hp.com/go/LaserJetMobilePrinting 或扫描二维码。

下载和安装软件

注：**直到提示连接 USB 电缆时再这样做。**

🖥 方法 1：下载 HP Easy Start（Windows 和 Mac OS）

1. 访问 123.hp.com/laserjet，然后单击**下载**。
2. 按屏幕上的说明和提示将文件保存到计算机。
3. 从保存软件文件的文件夹中启动该文件。
4. 按照屏幕上的说明安装该软件。
5. 提示选择连接类型时，选择该连接类型的相应选项。

🖥 方法 2：从打印机支持网站下载（Windows 和 Mac OS）

1. 访问 www.hp.com/support/ljM148MFP 或 www.hp.com/support/ljM227MFP。
2. 选择**软件和驱动程序**。
3. 下载适用于您的打印机型号和操作系统的软件。
4. 从保存软件文件的文件夹中启动该文件。
5. 按照屏幕上的说明安装该软件。
6. 提示选择连接类型时，选择该连接类型的相应选项。

Wi-Fi Direct 打印（可选）

通过 Wi-Fi Direct，智能手机、平板电脑或计算机等支持 Wi-Fi 的设备可直接无线连接到打印机，而不必使用无线路由器或接入点。请将设备放在靠近打印机之处以确保连接和打印成功。

注：**以下步骤暂时将您的远程设备与 Internet 断开连接。如果您正在打印基于 Web 的内容，如电子邮件、网页或基于云的文档，请打开它们后再继续操作。**

1. 确保打印机开启并处于就绪状态，并且已在主进纸盘中装入纸张。
2. 从控制面板上打开**报告**菜单，然后选择**网络摘要**以打印网络摘要报告。在 **Wi-Fi Direct 设置**部分中，您将找到 **Wi-Fi Direct 密码**。
3. 在远程设备上打开 **Wi-Fi** 菜单，然后从可用网络的列表中点击名称中带有 DIRECT 的打印机（示例：DIRECT-72-HP xxx）。
4. 在提示输入密码时，请使用网络摘要报告中的密码。
5. 打开要打印的项目，然后从应用菜单或操作菜单中点击**打印**。
6. 从可用打印机的列表中选择您的打印机，然后点击**打印**。
7. 打印作业完毕后，重新连接到您的本地 Wi-Fi 网络。

⊿ 使用扫描功能

使用计算机上的 HP Scan 软件在打印机上开始进行扫描作业。

Windows

单击**开始**，然后依次选择**程序**或**所有程序**、**HP**、**HP Scan**。

Mac OS

转到**应用程序**文件夹，然后打开 **HP Easy Scan**。

故障排除

((ɪ)) 无线连接故障排除

注：同时支持 2.4 GHz 和 5 GHz 频段。

确认打印机在无线网络的覆盖范围内。对于大多数网络，打印机与无线接入点（无线路由器）的距离必须在 30 米（100 英尺）以内。可能需要 USB 电缆用于临时连接打印机与计算机。要确保正确地同步无线设置信息，请直到提示连接该 USB 电缆时再照做。

按照这些步骤还原网络设置：

1. 从打印机上拔下 USB 电缆。
2. 执行以下步骤之一：
   a. 对于 2 行控制面板打印机：按住打印机控制面板上的"无线"ɪ 按钮。当"就绪"Ủ LED 指示灯和"注意"△ LED 指示灯一起开始闪烁时，松开"无线"ɪ 按钮。
   b. 对于触摸屏控制面板打印机：转到打印机上的**设置**菜单，依次选择**网络设置**、**还原默认值/还原网络设置**。
   打印机将自动还原网络默认设置并重新启动。
3. 在"就绪"Ủ LED 指示灯点亮时，继续安装软件。

如果路由器支持 Wi-Fi 保护设置 (WPS) 模式，请尝试通过此模式进行连接：

1. 按路由器上的 WPS ⱨ 按钮。
2. 在两分钟内，按住"无线"ɪ 按钮至少三秒，然后松开该按钮（2 行控制面板打印机），或从触摸屏控制面板上打开**设置**菜单，依次选择**网络设置**、**无线**、**Wi-Fi 保护设置**，然后点击**按下**按钮。
3. 随后，"无线"ɪ LED 指示灯和"就绪"Ủ LED 指示灯同时开始闪烁。等待打印机自动建立网络连接。
4. 此过程最长耗时 2 分钟。建立网络连接后，"无线"ɪ LED 指示灯停止闪烁，但保持点亮。继续安装软件。

从打印机控制面板上检查"无线"LED 指示灯状态：

1. 如果"无线"ɪ LED 指示灯熄灭，则表示未建立无线连接。
   a. 按打印机控制面板上的"无线"ɪ 按钮，或从控制面板**上的无线**菜单中选择开启**无线**选项。
   b. 在"无线"ɪ LED 指示灯开始闪烁时，继续安装软件。建立网络连接后，"无线"ɪ LED 指示灯停止闪烁，但保持点亮。
2. 如果"无线"ɪ LED 指示灯点亮，则表示建立了无线连接。
   a. 检查配置报告/网络摘要上的网络名称 (SSID) 信息：从**报告**菜单中，选择**网络摘要**。验证报告上的网络名称 (SSID)。
   b. 确保计算机与打印机连接到同一无线网络。
   c. 继续安装软件。
3. 如果"无线"ɪ LED 指示灯闪烁，则表示未建立无线连接。
   a. 重新启动打印机和路由器。
   b. 手动将本打印机连接到无线网络。如果路由器支持 Wi-Fi 保护设置 (WPS)，请使用 WPS 连接打印机，或继续执行下一步。
   c. 卸载 HP 软件，然后重新安装。

---

❶ 无线打印

有关无线打印和无线设置的详细信息，请访问 www.hp.com/go/wirelessprinting。

《用户指南》和其他支持资源

《用户指南》中含有打印机使用和故障排除信息。
可在 Web 上找到它：访问 www.hp.com/support/ljM148MFP
或 www.hp.com/support/ljM227MFP。

检查固件更新

1. 访问 www.hp.com/support/ljM148MFP
   或 www.hp.com/support/ljM227MFP。
2. 从列表中选择打印机或类别，然后单击**驱动程序**。
3. 选择操作系统，然后单击**下一步**按钮。
4. 选择**固件**，然后单击**下载**按钮。

控制面板帮助（仅限触摸屏型号）
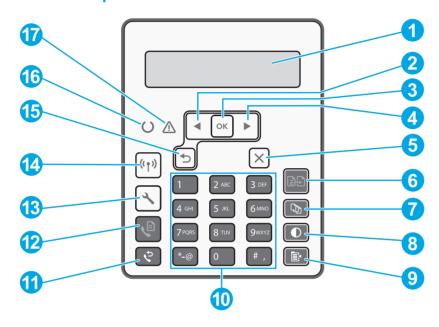
轻触打印机控制面板上的"帮助"？按钮以访问帮助主题。
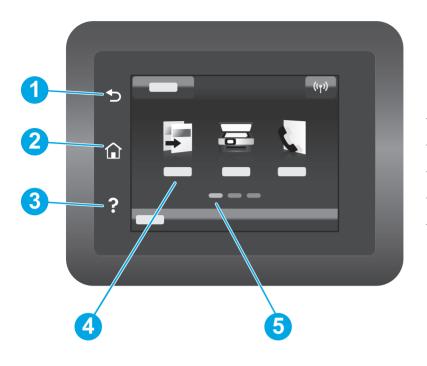
2-line LCD control panel view

1	2-line control panel display	10	Alphanumeric keypad
2	Left arrow ◀ button	11	Fax Redial ↻ button
3	**OK** button	12	Start Fax ☏ button
4	Right arrow ▶ button	13	Setup ⚒ button
5	Cancel ✕ button	14	Wireless ᚛ button (wireless model only)
6	Start Copy ▣▣ button	15	Back arrow ↩ button
7	Number of Copies ▣ button	16	Ready ⏻ LED
8	Lighter/Darker ◑ button	17	Attention ⚠ LED
9	Copy Menu ▤ button		

Touchscreen control panel view

1	Back button
2	Home button
3	Help button
4	Color touchscreen
5	Home page screen indicator

Control panel error message

Error Message	Solution
Load Paper	Insert paper.
• Initializing... • Cleaning... • Printing... Cool down mode	No action to take.
Fatal Error 65	Power cycle. If error still appears, call HP customer service.
Door is open	Secure all doors.
• Jam in tray1. Clear jam and then press **OK**. • Jam in cartridge area. Open top cover and remove cartridge. Clear jam.	Refer to User Guide.
• Manual Feed. Plain, Letter. Or press **OK** to use available media. • Manual Duplex. Load tray 1. Press **OK** to continue.	Press the **OK** button on the 2-line control panel or tap **OK** on the touchscreen control panel when ready.
• Supply Memory Error. • Install black cartridge. • Incompatible black cartridge. • Protected black cartridge. • Unauthorized black cartridge.	Take out and reinsert the toner cartridge or imaging drum. If error still appears, call HP customer service.
• Black cartridge is very low. • Used or counterfeit black cartridge in use.	Replace with a new cartridge or imaging drum.

Mobile printing

((ᵀ)) Wireless setup using the mobile HP Smart app (wireless models only)

1. Disconnect the Ethernet cable and USB cable from your printer.
2. Follow one of these steps:
   a. For a 2-line control panel printer: Press and hold the Wireless ((ᵀ)) button on the printer control panel. When the Ready ⟲ LED and the Attention △ LED start blinking simultaneously, release the Wireless ((ᵀ)) button.
   b. For a touchscreen control panel printer: Go to the **Setup** menu on your printer, select **Network Setup**, and then select **Restore Defaults**/**Restore Network Settings**.

   The printer will restore network default automatically and restart.
3. Go to 123.hp.com to install the HP Smart app on your mobile device.
4. Run the HP Smart app. Follow the onscreen instructions to select the name of your printer (e.g.,"HP-setup-XXX") and connect it to your wireless network. For more information, scan FAQ QR code.
5. After the printer connects to the wireless network successfully, the Wireless ((ᵀ)) LED stops blinking and stays on.

Use the HP Smart app to set up, print, and more.

1. Scan the QR code or go to 123.hp.com.
2. Install the HP Smart app.
3. Run the HP Smart app and follow the onscreen instructions to connect, set up, print, and more.

❶ Learn more about mobile printing

For further information about these and other operating systems (Chrome/Google Cloud Print), go to www.hp.com/go/LaserJetMobilePrinting or scan the QR code.

Download and install the software

NOTE: Do not connect the USB cable until you are prompted to do so.

🖥 Method 1: Download HP Easy Start (Windows and Mac OS)

1. Go to 123.hp.com/laserjet, and click **Download**.
2. Follow the onscreen instructions and then prompts to save the file to the computer.
3. Launch the software file from the folder where the file was saved.
4. Follow the onscreen instructions to install the software.
5. When prompted to select a connection type, select the appropriate option for the type of connection.

🖥 Method 2: Download from printer support website (Windows and Mac OS)

1. Go to www.hp.com/support/ljM148MFP or www.hp.com/support/ljM227MFP.
2. Select **Software and Drivers**.
3. Download the software for your printer model and operating system.
4. Launch the software file from the folder where the file was saved.
5. Follow the onscreen instructions to install the software.
6. When prompted to select a connection type, select the appropriate option for the type of connection.

Wi-Fi Direct printing (optional)

Wi-Fi Direct allows Wi-Fi capable devices, such as smart phones, tablets, or computers, to connect directly to the printer wirelessly without using a wireless router or access point. Place the device close to the printer to ensure successful connection and printing.

NOTE: The following steps temporarily disconnect your remote device from the Internet. If you are printing web-based content such as emails, web pages, or cloud-based documents, open them before proceeding.

1. Make sure the printer is turned on and in a ready state, and paper is loaded in the main input tray.
2. From the control panel, open the **Reports** menu, and then select **Network Summary** to print a network summary report. In the **Wi-Fi Direct Setup** section, you'll find **Wi-Fi Direct Password**.
3. On the remote device, open the **Wi-Fi** menu, and then tap the printer with DIRECT in the name (Example: DIRECT-72-HP xxx) from the list of available networks.
4. When prompted for a password, use the password from the Network Summary report.
5. Open the item you want to print, and then tap **Print** from the app or action menu.
6. Select your printer from the list of available printers, and then tap **Print**.
7. Reconnect to your local Wi-Fi network after the print job completes.

⊠ Use the scan feature

Use the HP Scan software on your computer to start a scan job at the printer.

Windows

Click **Start**, select **Programs** or **All Programs**, select **HP**, and then select **HP Scan**.

Mac OS

Go to the **Applications** folder and open **HP Easy Scan**.

Troubleshooting

((⌂)) Wireless connection troubleshooting

NOTE: Both 2.4 GHz and 5 GHz bands are supported.

Verify that the printer is within the range of the wireless network. For most networks, the printer must be within 30 m (100 ft) of the wireless access point (wireless router). A USB cable might be required for temporary connection between the printer and the computer. To ensure that the wireless setup information synchronizes correctly, do not connect the USB cable until prompted to do so.

Follow these steps to restore the network settings:

1. Remove the USB cable from the printer.
2. Follow one of these steps:
   a. For a 2-line control panel printer: Press and hold the Wireless ⁽ᵗ⁾ button on the printer control panel. When the Ready ⟲ LED and the Attention △ LED start blinking simultaneously, release the Wireless ⁽ᵗ⁾ button.
   b. For a touchscreen control panel printer: Go to the **Setup** menu on your printer, select **Network Setup**, and then select **Restore Defaults**/**Restore Network Settings**.

   The printer will restore network default automatically and restart.
3. When the Ready ⟲ LED is on, continue to install the software.

If your router supports Wi-Fi Protected Setup (WPS) mode, try to connect through this mode:

1. Press the WPS ⊕ button on your router.
2. Within two minutes, press and hold the Wireless ⁽ᵗ⁾ button for at least three seconds and then release the button (2-line control panel printer), or open the **Setup** menu, select **Network Setup**, select **Wireless**, select **Wi-Fi Protected Setup**, and then tap the **Push** button from touchscreen control panel.
3. The Wireless ⁽ᵗ⁾ LED and the Ready ⟲ LED start blinking simultaneously. Wait while the printer establishes the network connection automatically.
4. This process takes up to two minutes. When the network connection is established, the Wireless ⁽ᵗ⁾ LED stops blinking and remains on. Continue to install the software.

Check the Wireless LED status from the printer control panel:

1. If the Wireless ⁽ᵗ⁾ LED is off, it means that the wireless connection is not established.
   a. Press the Wireless ⁽ᵗ⁾ button on the printer control panel or select the **Wireless on** option from the **Wireless** menu on the control panel.
   b. After the Wireless ⁽ᵗ⁾ LED starts blinking, continue to install the software. When the network connection is established, the Wireless ⁽ᵗ⁾ LED stops blinking and remains on.
2. If the Wireless ⁽ᵗ⁾ LED is on, it means that the wireless connection is established.
   a. Check the network name (SSID) info on the Configuration Report/ Network Summary: From the **Reports** menu, select **Network Summary**. Verify the network name (SSID) on the report.
   b. Make sure the computer is connected to the same wireless network to which you are connecting the printer.
   c. Continue to install the software.
3. If the Wireless ⁽ᵗ⁾ LED is blinking, it means that the wireless connection is not established.
   a. Restart the printer and the router.
   b. Manually connect the printer to your wireless network. Use Wi-Fi Protected Setup (WPS) to connect the printer if the router supports WPS, or continue to the next step.
   c. Uninstall and reinstall the HP software.

ⓘ Wireless printing

For more information about wireless printing and wireless setup, go to www.hp.com/go/wirelessprinting.

User guide and additional support resources

The user guide includes printer usage and troubleshooting information. It is available on the web: Go to www.hp.com/support/ljM148MFP or www.hp.com/support/ljM227MFP.

Check for firmware updates

1. Go to www.hp.com/support/ljM148MFP or www.hp.com/support/ljM227MFP.
2. Select a printer or category from the list, and then click **Drivers**.
3. Select the operating system, and click the **Next** button.
4. Select **Firmware**, and click the **Download** button.

Control panel help (touchscreen models only)

Touch the Help ? button on the printer control panel to access help topics.

AirPrint

www.hp.com