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BROTHER DCP-L2540DW

Brother DCP-L2540DW Laser Multifunction Printer User Manual

Model: DCP-L2540DW

1. INTRODUCTION AND OVERVIEW

The Brother DCP-L2540DW is a versatile laser multifunction printer designed for efficient home or office use. This monochrome device combines printing, copying, and scanning functionalities into a single compact unit. It offers flexible connectivity options including wireless networking, Ethernet, and USB interface, allowing for printing directly from mobile devices.

Key features include a print and copy speed of up to 30 pages per minute, a print resolution of 2400 x 600 dpi, and an automatic duplexer for two-sided printing to save paper. The copier function supports features like sort/stack, ID copy, and scaling from 25% to 400%. For scanning, it boasts a 35-page auto document feeder and color scanning capabilities, with scanned documents savable directly to your computer.



Figure 1: Brother DCP-L2540DW Laser Multifunction Printer, a compact and efficient all-in-one device.

2. WHAT'S IN THE BOX

Upon unboxing your Brother DCP-L2540DW, you should find the following components:

- Brother DCP-L2540DW Laser Multifunction Printer
- Starter Toner Cartridge
- Drum Unit

- Power Cord
- Quick Setup Guide
- Installation CD-ROM (for drivers and software)

Note: USB cable is typically not included and must be purchased separately if a wired connection is desired.

3. SETUP

3.1 Unpacking and Initial Preparation

1. Carefully remove the printer from its packaging.
2. Remove all protective tapes and packing materials from the exterior and interior of the printer. Refer to the Quick Setup Guide for specific locations.
3. Install the toner cartridge and drum unit assembly into the printer.
4. Load paper into the 250-sheet input tray. Ensure the paper guides are adjusted to fit the paper size (Letter, Legal, A4, etc.).

3.2 Power Connection

Connect the power cord to the printer and then to a grounded electrical outlet. Turn on the printer using the power button, typically located on the control panel.

3.3 Connectivity Options

- **Wireless LAN (Wi-Fi):** Follow the on-screen instructions on the printer's LCD display to connect to your wireless network. You may need your network's SSID and password.
- **USB:** Connect a USB cable (Type B) from the printer to your computer. Install the necessary drivers from the included CD-ROM or download them from the Brother support website.
- **Ethernet:** Connect an Ethernet cable from the printer to your network router or switch. The printer will automatically obtain an IP address.

4. OPERATING INSTRUCTIONS

4.1 Printing

- **From a Computer:** Ensure drivers are installed. Select the Brother DCP-L2540DW as your printer in your application's print dialog. Adjust settings like paper size, orientation, and duplex printing as needed.
- **From Mobile Devices:** Utilize Brother's iPrint&Scan app or compatible mobile printing services (e.g., Apple AirPrint, Google Cloud Print) to print directly from your smartphone or tablet over your wireless network.
- **Duplex Printing:** The automatic duplexer allows for printing on both sides of the paper. This option can be selected in your printer's settings or application's print dialog.

4.2 Copying

The printer offers convenient standalone copying without needing a computer.

1. Place your document face down on the scanner glass or face up in the Automatic Document Feeder (ADF).
2. Use the control panel to select "Copy".
3. Adjust settings such as number of copies, scaling (25-400%), and special copy features (e.g., ID Copy, N-in-1).
4. Press the "Start" button to begin copying.

4.3 Scanning

Scan documents in color or monochrome using the flatbed scanner or the ADF.

1. Place your document on the scanner glass or in the ADF.
2. On the printer's control panel, select "Scan".
3. Choose your scan destination (e.g., Scan to PC, Scan to Email, Scan to File).
4. Adjust scan settings such as resolution and file format.
5. Initiate the scan from the printer or your computer's scanning software.

5. MAINTENANCE

5.1 Cleaning the Printer

- Regularly wipe the exterior of the printer with a soft, lint-free cloth.
- Clean the scanner glass and the white plastic strip beneath the ADF cover to ensure clear scans.
- Periodically clean the corona wire inside the drum unit to prevent print quality issues.

5.2 Consumables Replacement

- **Toner Cartridge:** Replace the toner cartridge when the "Toner Low" or "Replace Toner" message appears on the LCD.
- **Drum Unit:** The drum unit has a separate lifespan from the toner cartridge. Replace it when prompted by the printer or if print quality deteriorates significantly.

Always use genuine Brother consumables for optimal performance and to maintain warranty validity.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Brother DCP-L2540DW printer. For more detailed troubleshooting, refer to the full online manual or Brother's support website.

6.1 Paper Jams

If a paper jam occurs, the printer's LCD will display an error message indicating the location of the jam. Follow these general steps:

1. Turn off the printer and unplug it from the power outlet.
2. Open the relevant covers (e.g., front cover, back cover, duplex tray) as indicated by the error message.
3. Carefully pull out the jammed paper in the direction of the paper path. Avoid tearing the paper.
4. Close all covers securely.
5. Plug in and turn on the printer.

6.2 Connectivity Issues

- **Wireless:** Ensure the printer is within range of your Wi-Fi router. Check that the Wi-Fi light on the printer is on. Restart your router and printer. Verify network settings on the printer.
- **USB/Ethernet:** Check cable connections. Ensure the correct port is selected on your computer. Reinstall printer drivers if necessary.

6.3 Print Quality Problems

- **Faded Prints/Streaks:** Check toner level. Clean the corona wire. Shake the toner cartridge gently.
- **Smudges/Spots:** Clean the drum unit. Ensure correct paper type is used.
- **Blank Pages:** Verify toner cartridge installation. Check if the protective seal on the toner cartridge was

removed.

7. SPECIFICATIONS

Feature	Specification
Model Name	DCP-L2540DW
Functions	Print, Copy, Scan
Print Technology	Laser (Monochrome)
Max Print Speed (Mono)	30 ppm
Max Print Resolution	2400 x 600 dpi
Automatic Duplex Printing	Yes
Max Copy Speed (Mono)	30 cpm
Scanner Type	Sheetfed / Flatbed
Optical Scan Resolution	600 dpi
Standard Input Media Capacity	250 sheets
Automatic Document Feeder (ADF)	35 pages
Connectivity	Ethernet, Wireless LAN, USB
Display Screen Type	LCD
Memory	32 MB
Duty Cycle	10,000 pages per month
Item Weight	33 pounds
Dimensions (Package)	18 x 14 x 14 inches

8. WARRANTY AND SUPPORT

The Brother DCP-L2540DW Laser Multifunction Printer comes with a **Limited Warranty**. For specific terms and conditions of your warranty, please refer to the warranty documentation included with your product or visit the official Brother support website.

For further assistance, driver downloads, FAQs, and detailed troubleshooting guides, please visit the [Brother Support Website](#) or contact Brother customer service.