Brother DCP-T420W

Brother DCP-T420W All-in-One Ink Tank Printer User Manual

Model: DCP-T420W | Brand: Brother

1. Product Overview

The Brother DCP-T420W is an all-in-one ink tank printer designed for efficient printing, scanning, and copying. It features a refillable ink tank system, offering high page yields and cost-effective printing. This model supports both USB and Wi-Fi connectivity, including Wi-Fi Direct, for flexible placement and usage within your home or office environment. It is capable of printing in both black and color, with speeds up to 28 ppm for black and 11 ppm for color.



Figure 1: Front view of the Brother DCP-T420W printer, showcasing its compact design and integrated ink tanks.

2. Setup Guide

2.1 Unboxing and Initial Placement

Carefully remove the printer from its packaging. Ensure all protective tapes and packing materials are removed from the exterior and interior of the printer. Place the printer on a stable, flat surface near a power outlet and your computer or Wi-Fi router.

2.2 Ink Filling

The DCP-T420W uses genuine Brother BTD60BK for black ink and BT5000 C, M, Y for color inks. Open the ink tank covers and carefully fill each tank with the corresponding color ink bottle. Ensure the ink bottles are fully drained into the tanks. Close the covers securely after filling.



Figure 2: Illustration highlighting key features of the printer, including print, scan, and copy functions, and ink yield.

2.3 Power Connection

Connect the provided power cable to the printer and then to a wall outlet. Press the power button to turn on the printer. The initial setup process may take a few minutes.

2.4 Software Installation and Connectivity

Insert the included Installation CD into your computer's CD-ROM drive and follow the on-screen instructions to install the necessary drivers and software. For wireless connectivity, follow the setup wizard to connect the printer to your Wi-Fi network. Alternatively, you can connect the printer directly to your computer using a USB cable.

3. Operating the Printer

3.1 Loading Paper

The printer supports various paper sizes including A4, Letter, Legal, and Photo sizes. Load paper into the paper tray, ensuring it is aligned correctly. The maximum input sheet capacity is 150 sheets.

3.2 Printing

To print a document or photo, select the Brother DCP-T420W from your device's print options. Adjust print settings such as paper size, print quality, and color/monochrome output as needed. The printer offers a maximum print speed of 28 ppm for black and 11 ppm for color.

3.3 Scanning

Place the document or photo face down on the scanner glass. Use the Brother iPrint&Scan application or your computer's scanning utility to initiate a scan. You can choose to save the scanned image as various file types or send it directly to an application.

3.4 Copying

Place the document face down on the scanner glass. Use the control panel on the printer to select the number of copies and whether you want a color or monochrome copy. Press the Start button to begin copying.



Figure 3: Overview of key specifications including print speed, paper tray capacity, and memory.

4. Maintenance

4.1 Checking Ink Levels

Visually inspect the ink tanks on the front of the printer to monitor ink levels. The printer software on your computer also provides an indication of current ink levels.

4.2 Refilling Ink Tanks

When an ink tank is low, purchase genuine Brother BTD60BK (Black) and BT5000 C, M, Y (Cyan, Magenta, Yellow) ink bottles. Follow the ink filling instructions in Section 2.2. Using non-genuine inks may void your warranty and affect print quality.

4.3 Cleaning the Printer

Regularly clean the exterior of the printer with a soft, lint-free cloth. If print quality issues arise, such as streaking or missing colors, perform a print head cleaning or alignment from the printer's maintenance utility in the software.

5. Troubleshooting

5.1 Printer Not Responding

Ensure the printer is powered on and properly connected to your computer via USB or to your Wi-Fi network. Check for any error messages on the printer's display or in the printer software. Restart both the printer and your computer.

5.2 Print Quality Issues

If prints are faded, streaky, or have incorrect colors, check ink levels and refill if necessary. Perform a print head cleaning and alignment from the printer's maintenance utility. Ensure you are using appropriate paper for your print job.

5.3 Paper Jams

If a paper jam occurs, carefully open the printer covers and remove any jammed paper following the instructions in the printer's on-screen guide or the full user manual. Ensure paper is loaded correctly and not overfilled in the tray.

6. Specifications

Feature	Detail
Model	DCP-T420W
Printer Type	Ink Tank; All-in-One (Print, Scan, Copy)
Connectivity	USB, Wi-Fi, Wi-Fi Direct
Print Speed (Black)	Up to 28 ppm
Print Speed (Color)	Up to 11 ppm
Max Print Resolution	Up to 1200 x 6000 dpi

Paper Tray Capacity	150 sheets
Supported Media Sizes	A4, Letter, Legal, Mexico legal, India legal, Folio, Executive, A6, Envelopes, Photo (4" X 6")/(10 x 15 cm), Photo 2L (5" X 7")/(13 x 18 cm)
Ink Bottles	BTD60BK (Black), BT5000 C, M, Y (Color)
Page Yield (Black)	Approx. 7500 pages
Page Yield (Color)	Approx. 5000 pages each (C, M, Y)
Power Consumption	420 Watts (On-mode)
Dimensions (WxDxH)	43.5 x 35.9 x 15.9 cm
Weight	6.4 kg



Figure 4: Dimensions and weight of the Brother DCP-T420W printer.

7. Warranty and Support

7.1 Warranty Information

This Brother product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration. Keep your purchase receipt as proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or service requests, please contact Brother customer support. You can find contact details on the official Brother website or in the documentation provided with your printer.
Manufacturer: BROTHER INDUSTRIES (PHILIPPINES), INC.
Importer: BROTHER INTERNATIONAL (INDIA) PVT. LTD. UNIT NO. 801 AND 802, 8TH FLOOR, ALPHA BUILDING, HIRANANDANI GARDENS, POWAI, MUMBAI - 400 076, INDIA
You can also visit the official Brother store on Amazon for more information and support resources: Brother Store

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