

MFC-J450DW Colour Inkjet Multi-Function Center®

NETWORK | PRINTER | SCANNER | COPIER | FAX | PC-FAX

Think smart. Work smart.

The All-in-one that's easy to use, convenient to connect and economical to maintain.

- **Connect and share:** Easy to connect wireless networking with 802.11b/g/n interface. Access FACEBOOK™, PICASA Web Albums, FLICKR® and GOOGLE DOCS™ accounts with the 1.8" colour LCD display.
- **Colour print:** Vivid output, with resolutions up to 6000 x 1200 dpi.▼ Conveniently print from your mobile device via□: AirPrint™, Google Cloud Print™, Brother™ iPrint&Scan, Cortado™ Workplace.
- **Colour copy:** Versatile, colour copying using the document glass or the 20-sheet Auto Document Feeder.
- **Colour scan:** High quality colour scanning with up to 19200 dpi interpolated resolution, and easy to use software.
- **Colour Fax:** Built-in 14.4 kbps fax modem. PC-FAX software to send and receive faxes directly from your computer.



Conveniently print from your mobile device◆



Brother™ Web-based apps to capture and convert paper documents with your MFC



Easy to use 1.8" colour LCD display

MFC-J450DW Colour Inkjet Multi-Function Center®



A user-friendly, all-in-one experience.

Perfect for your home and home office

The Brother MFC-J450DW wireless inkjet all-in-one is incredibly easy to set up, use and maintain. It gives you the convenience of printing, copying, scanning and faxing in vivid colours right from your small office or home office.

Smart

The 1.8" colour LCD display makes it easy to navigate through its robust functionality. You can scan to FACEBOOK™, PICASA WEB ALBUMS, FLICKR®, EVERNOTE, Google Docs™, DROPBOX, SKYDRIVE, and Box.com. Use Brother's exclusive built-in cloud apps to capture, modify, and share documents right from the display.

Think mobile and easy to share

Mobile devices can connect using AirPrint™, Brother™ iPrint&Scan, Cortado Workplace or Google Cloud Print™. Share it effortlessly over your wireless network, thanks to the built-in wireless assistant. No password or USB cable needed.

Work smart paper handling

The convenient, up to 20-sheet auto document feeder allows unattended copying, scanning, or faxing. Two-sided printing helps you save paper and reduce costs. The Brother™ Work Smart™ colour inkjet all-in-one is the easy to use, economical, and compact way to print, copy, scan, and fax.

Get an amazing experience with Brother

We are Canadians serving Canadians. We provide free, machine-lifetime support including extensive online support options such as videos, TWITTER, FACEBOOK™ and more. We also provide a 1 year limited exchange express warranty. We are at your side every step of the way.

Product Specifications

PRINT

- Printing technology**
4-cartridge colour inkjet
- Print speed monochrome/colour (ppm)***
Up to 33ppm black and 27ppm colour (Fast mode)*
Up to 12ppm black and 10ppm colour (ISO/IEC 24734)*
- Resolution (dpi)**
6000 x 1200 dpi
- Memory**
64 MB
- Minimum droplet size**
1.5 picoliters
- Paper Capacity³**
100 sheets
- Paper sizes³**
LTR, LGL, EXE, A4, A5, A6, B4, Envelopes: Com-10, DL, Monarch
Photo: 4" x 6", 5" x 7"
Custom sizes: from 3.5" x 5" up to 8.5" x 14"
- Sheet weights³**
Standard tray: 64-220g/m² (17-58 lb)
- Two-sided (Duplex) printing**
Automatic
- System compatibility⁴**
Windows®, Mac®
- Interfaces****
802.11 b/g/n wireless
High Speed USB 2.0

SCAN

- Colour scanning**
Yes
- Interpolated resolution max (dpi)**
19200 x 19200
- Optical resolution max (dpi) Colour and monochrome**
1200 x 2400 dpi (ADF)
1200 x 600 dpi (ADF)
- Document viewer and OCR software**
Scansoft™ Paper port™ 12 SE and
Prestol® Page manager 9 for Mac®

COPY

- Copies per minute monochrome / colour (cpm)**
Copy Speed ESAT (based on ISO/IEC 24735) 5.0/5.0 ipm (600x300dpi)
Duplex Copy Speed ESAT (based on ISO/IEC 24735) 2.5/2.5ppm

- Resolution (dpi)**
Print: Max. 1200 x 2400 dpi
Scan: Max. 1200 x 1200 dpi
- Reduction/enlargement**
25%-400% in 1% increments
- Sorting function/stacking function**
Yes/Yes (up to 99)
- Copy Enhancements**
Base colour removal

FAX

- Modem speed / best transmit speed²**
14.4 Kbps/3 s
- Colour fax (document send/receive)**
Yes/Yes
- Auto document feed capacity**
20 sheets
- Memory capacity (max pages)²**
170 pages
- Broadcasting (# of locations)**
90 locations
- Speed dial locations**
40 locations
- Dual access**
Yes (B&W only)
- Fax compatibility**
G3
- Coding methods**
Mono: MH/MR/MMR/Colour: JPEG
- PC-FAX functionality**
Send and Receive^{4,5}

NETWORK

- Network management tools**
BR-Admin Light
- Network printing/scanning/PC-FAX send and receive**
Yes
- Multi-protocol support**
IPv4
ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, PR/LPD, Custom Raw Port/Port9100, FTP Server, SNMPv1/v2c, TFTP server, ICMP, Web Services (Print/Scan)

- Wireless network security**
SSID (32 chr), WEP 64/128bit, WPA PSK (TKIP/AES), WPA2-PSK (AES)
NO LEAP

OTHER

- Display type**
1.8" LCD
- Included supplies**
Black starter ink cartridge⁵
Cyan starter ink cartridge⁵
Yellow starter ink cartridge⁵
Magenta starter ink cartridge⁵
- Warranty**
1 year limited exchange express warranty
- Unit dimensions (W x D x H)**
410 mm x 374 mm x 180 mm
- Box dimensions (W x D x H)**
478 mm x 244 mm x 456 mm
- Unit/carton weight**
8.6 kg/10.6 kg
- UPC code**
012502635536

REPLACEMENT SUPPLIES AND YIELDS^{1,4}

Ink	Item	Part numbers
	Black (300 pages) ⁴	LC101BK
	Cyan (300 pages) ⁴	LC101C
	Yellow (300 pages) ⁴	LC101Y
	Magenta (300 pages) ⁴	LC101M
	High-Yield Black (600 pages) ⁴	LC103BK
	High-Yield Cyan (600 pages) ⁴	LC103C
	High-Yield Yellow (600 pages) ⁴	LC103Y
	High-Yield Magenta (600 pages) ⁴	LC103M
Other	Item	Part numbers
	8.5" x 11" Letter-size glossy paper	BP71GLTR
	4" x 6" Glossy paper	BP71GP20

SUPPORTED OPERATING SYSTEMS AND SOFTWARE FUNCTIONS

For Microsoft® Windows®

- Windows® 8, 7/Windows Vista®/Windows® XP SP2/XP Professional/x64 Edition/Windows Server® 2003 x64/Windows Server® 2008/R2 (Print only via Network for Server)
- Recommended RAM 256MB (2GB for Windows® 8, 7 64-bit, 1GB for Windows® 8/7 32-bit, Windows Vista®, 512MB for Windows® XP Professional x64 Edition, 2GB for Windows Server® 2008, 1GB for Windows Server® 2003)
- Required Hard Disk space 1.2GB (2GB for Windows® 8, 7, 1.8GB Windows Vista®, 50MB Windows Server® 2003/Windows Server® 2008)
- Print, Scan and PC-FAX (send/receive)
- Hi-speed USB 2.0, Wireless 802.11b/g/n interfaces

For Mac OS

- Mac OS® X 10.4.11, 10.5.x, 10.6.x, 10.8.x
- Recommended RAM 1GB (2GB for Mac OS 10.6.x, 10.8.x)
- Required Hard Disk space 550MB
- Print, Scan and PC-FAX (send)
- Hi-speed USB 2.0, Wireless 802.11b/g/n interfaces

For full system requirements visit www.brother.ca



PRINT FROM
MOBILE DEVICES



1 YEAR
LIMITED WARRANTY



Brother®
iPrint&Scan



For more information please visit our web site: brother.ca

*Requires connection to a wireless network. See www.brother.com for details, availability, and mobile device compatibility. *PPM speed excludes time to complete first page and will vary depending on a variety of factors. *Resolutions are listed vertical by horizontal. **Cables not included. *See minimum requirements chart for details. *PC-FAX functionality in black and white only. *Requires additional purchase. *ITU-T test chart (ITU-T Test Chart #1/MMR). *All references to sheets of paper refer to 20 Lbs (bond) paper. *Approximate page yields in accordance with ISO/IEC 24711. For more information see www.brother.com/pageyield. *Actual yield of starter cartridge will be approx. 80% of replacement LC101series, due to ink system initialization process. Mac is a trademark of Apple Computer, Inc., registered in the U.S.A and other countries. Microsoft, Windows, the Windows logo and/or other Microsoft products referenced herein are either registered trademarks of Microsoft Corporation in the U.S. and/or other countries. Brother and its logo are trademarks of Brother Industries Ltd., Japan. All specifications are subject to change without notice. All registered trademarks referenced herein are the property of their respective companies. Printed in Canada.

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