

## DCP-L8400CDN

### High Speed Colour All-In-One Printer



### Top Features:

#### Fast Colour Printing

- Help increase office productivity with colour and mono print speeds up to 28ppm

#### Colour Touch Screen Display

- Easy navigation and menu selection via the 9.3cm colour LCD touch screen

#### Money & Paper Saving Features

- Print to both sides of a piece of paper, create professional looking booklets or merge multiple pages into one sheet

#### Built-in Networking

- Share with your workgroup via its built-in Ethernet network interface

#### Brother Solutions & Apps

- Increase productivity with a range of cloud based printing & scanning solutions

#### High-Quality Output

- Print professional colour documents with output up to 2,400 x 600dpi resolution

#### Mobile Printing & Scanning

- Support for Brother iPrint&Scan, Google Cloud Print<sup>®6</sup>, and Apple AirPrint

#### Cloud Services

- Print from and scan to Box, DropBox, Evernote<sup>®</sup>, Facebook, Flickr<sup>®</sup>, Google Drive<sup>™</sup>, Picasa<sup>™</sup> & OneDrive<sup>®</sup>



# Colour Laser Multifunction Range Datasheet

## DCP-L8400CDN, MFC-L8650CDW, DCP-L8450CDW, MFC-L8850CDW & MFC-L9550CDWT

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### General

<b>Technology</b>	Electrophotographic Laser Printer
<b>Laser Classification</b>	Class 1 laser product (IEC 60825-1:2007)
<b>Processor</b>	StarSapphire (SS1000) 400MHz
<b>Local Interface</b>	Hi-Speed USB 2.0 & USB Host
<b>Wired Network Interface</b>	Ethernet 10Base-T/100Base-TX
<b>Standard Memory</b>	256MB
<b>Optional Memory</b>	Expandable up to 512MB by adding 1 x 256MB DDR2 - 144pin
<b>Colour Touch Screen</b>	9.3cm LCD

### Colour Printer

<b>Automatic 2-Sided Printing</b>	Print on to both sides of the paper automatically
<b>Print Speed Standard (A4)</b>	Up to 28ppm (pages per minute) colour & mono
<b>Print Speed 2-Sided (A4)</b>	Up to 14 sides per minute (7 sheets per minute) colour & mono
<b>Resolution</b>	2,400dpi (2,400 x 600dpi), 600 x 600dpi
<b>Quiet Mode</b>	A mode to reduce the printing noise by reducing the print speed
<b>FPOT (First Print Out Time)</b>	Less than 1 seconds colour & mono from ready mode
<b>Warm-Up Time</b>	Less than 31 seconds from sleep mode
<b>Print Languages</b>	PCL6, BR-Script3 (PostScript®3™ Language Emulation), Direct Print: PDF 1.7, XPS
<b>Embedded Fonts (PCL)</b>	66 scalable fonts, 12 bitmap fonts, 13 barcodes
<b>Embedded Fonts (Postscript)</b>	66 scalable fonts
<b>Embedded Barcodes (PCL)</b>	Code39, Interleaved 2 of 5, FIM(US-PostNet), Post Net(US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN(EAN), ISBN(UPC-E), Code128(set A, set B, set C), EAN128(set A, set B, set C)

### Driver Compatibility

<b>Windows®</b>	Windows 8® (32 & 64 bit editions) Windows 7® (32 & 64 bit editions) Windows Vista® (32 & 64 bit editions) Windows® XP Professional (32 & 64 bit editions) Windows® XP Home Edition Windows® Server 2012 & 2008R2* Windows® Server 2008 (32 & 64 bit editions)* Windows® Server 2003 (32 & 64 bit editions)* <small>*Windows® Server supports network printing only</small>
<b>Macintosh<sup>5</sup></b>	Mac OS X 10.7.5, 10.8.x, 10.9.x
<b>Linux<sup>5</sup></b>	CUPS, LPD/LPRng (x86/x64 environment)
<b>PostScript Universal Printer Driver</b>	Driver for Windows® that enables you to print to any network or locally connected Brother laser printer that supports PostScript
<b>Mac Universal Driver</b>	Driver for Mac that enables you to print to any network-connected Brother laser printer that supports PostScript

### Printer Functions

<b>N-up Printing<sup>3</sup></b>	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)
<b>Poster Printing<sup>4</sup></b>	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
<b>Watermark Printing<sup>4</sup></b>	Watermark your documents with predefined text or with your own user-defined messages
<b>ID Printing<sup>4</sup></b>	Add identification to your printed documents (date & time, short custom message or PC username)
<b>Automatic 2-Sided Print</b>	Print on both sides of the paper automatically
<b>Manual 2-Sided Print<sup>4</sup></b>	Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)
<b>Booklet Printing<sup>4</sup></b>	Print documents in A5 booklet format using automatic or manual 2-sided print
<b>Skip Blank Page<sup>4</sup></b>	Ignores any blank pages in your documents
<b>Print Profiles<sup>3</sup></b>	Store your favourite driver settings as profiles to easily recall them
<b>Print Text In Black<sup>4</sup></b>	Converts all text in your documents to black when printed
<b>Print Archive<sup>4</sup></b>	Save a PDF copy of every file printed for archiving purposes

### Mobile / Web Based Printing & Scanning

<b>iPrint&amp;Scan (Android)</b>	Print directly from or scan directly to a smart phone or tablet running the Android Operating System
<b>iPrint&amp;Scan (iPad / iPhone / iPod)</b>	Print directly from or scan directly to an iPad / iPhone / iPod Touch
<b>iPrint&amp;Scan (Windows® Phone)</b>	Print directly from or scan directly to a smart phone running the Windows® Phone Operating System
<b>Print&amp;Scan (Windows® 8 &amp; RT)</b>	Print directly from or scan directly to a Windows® 8 or Windows RT Tablet
<b>Google Cloud Print<sup>6</sup></b>	Print most common file types from any Google Cloud Print enabled application
<b>Apple AirPrint</b>	Print most common file types from any Apple AirPrint enabled application
<b>Cloud Support<sup>6</sup></b>	Scan and upload files directly to and print directly from Box, DropBox, Evernote®, Facebook, Flickr®, Google Drive™, Picasa™ & OneDrive®

### Brother Solutions & Apps

<b>Office Doc Creator</b>	Converts your scanned documents into an editable Microsoft® Office Word®, Excel® or PowerPoint® file
<b>Outline and Copy</b>	Copies or deletes areas outlined by a red pen
<b>Outline and Scan</b>	Only scans areas outlined by a red pen
<b>Folding Notes</b>	Create handy folding note papers
<b>Note Scan</b>	Scan and organise notes taken on the folding note papers
<b>Creative Center</b>	Download and print Brother Creative Center content

<sup>1</sup>Approx declared yield value in accordance with ISO/IEC 19798

<sup>2</sup>Calculated with 80g/m<sup>2</sup> paper

<sup>3</sup>Windows® & Mac® only

<sup>4</sup>Windows® only

<sup>5</sup>Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

<sup>6</sup>Must be web connected

<sup>7</sup>Requires Brother software

<sup>8</sup>Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements

# Colour Laser Multifunction Range Datasheet

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### Colour Scanner

<b>Colour &amp; Mono Scanning</b>	Yes
<b>Scan Resolution from ADF</b>	Up to 1,200 x 600dpi
<b>Scan Resolution from Scanner Glass</b>	Up to 1,200 x 2,400dpi
<b>Interpolated Scan Resolution<sup>7</sup></b>	Up to 19,200 x 19,200dpi
<b>Colour Depth</b>	48bit internal / 24bit external colour scanner
<b>Grey Scale</b>	256 shades of grey
<b>Scan Functions<sup>7</sup></b>	Scan to USB, E-mail, OCR, Image, File, Cloud, Searchable PDF, SharePoint & Evernote <sup>®</sup>
<b>Network Scanning</b>	Scan to network folder (Windows <sup>®</sup> only), FTP, Secure FTP, email server <sup>5</sup>
<b>Scan Features<sup>7</sup></b>	Remove Background, Skip Blank Page, ID Scan, 1 to 2 Scan

### Scanner Driver

<b>Windows<sup>®</sup></b>	TWAIN, ISIS <sup>5</sup> & WIA (Windows <sup>®</sup> 8, Windows <sup>®</sup> 7, Windows Vista <sup>®</sup> & Windows <sup>®</sup> XP)
<b>Macintosh<sup>5</sup></b>	TWAIN & ICA
<b>Linux<sup>5</sup></b>	SANE

### Colour Copier

<b>Speed – (A4)</b>	Up to 28cpm (copies per minute) colour & mono
<b>FCOT (First Copy Out Time)</b>	Less than 20 seconds colour & less than 18 seconds mono from ready mode
<b>Resolution</b>	Up to 1,200 x 600dpi
<b>Multi-Copying / Stack / Sort</b>	Makes up to 99 copies of each page / Stacks or Sorts
<b>Enlargement / Reduction Ratio</b>	Reduce or Increase document sizes from 25% to 400% in 1% increments
<b>N in 1 Copying</b>	Allows the user to compress 2 or 4 pages on to a single A4 sheet
<b>2in1 ID Copying</b>	Allows the user to copy both sides of an ID card to a single A4 sheet
<b>Grey Scale</b>	256 shades of grey are available for copying
<b>Receipt Copying</b>	Produces clearer copies of receipts

### USB Host

<b>Direct Print</b>	Print directly from a USB flash memory drive. The supported file formats include: PDF version 1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother model), XPS version 1.0
<b>Direct Scan</b>	Scan directly to a USB flash memory drive. The supported file formats include: PDF, PDF/A, Secure PDF, Signed PDF, JPEG, XPS, TIFF
<b>Optional NFC Port</b>	Connect supported USB NFC card readers for use with b-guard

### Paper Handling

<b>Paper Input<sup>2</sup></b>	Standard Tray – 250 sheets Optional Tray – 500 sheets Multi Purpose Tray – 50 sheets ADF (Automatic Document Feeder) - 35 sheets
<b>Paper Output<sup>2</sup></b>	Face Down - 150 sheets Face Up (Straight Paper Path) - 1 sheet

### Media Specification

<b>Media Types &amp; Weights</b>	Standard Tray – plain & recycled paper (between 60 - 105g/m <sup>2</sup> ) Multi Purpose Tray - plain, recycled, bond & glossy paper (between 60 - 163g/m <sup>2</sup> ) ADF - Plain & recycled paper (between 64 - 90g/m <sup>2</sup> )
<b>Envelope &amp; Label Printing</b>	Yes, from the Multi Purpose Tray: Accuracy & reliability will depend on the quality & type of envelopes or labels used
<b>Media Sizes</b>	Standard Tray - A4, Letter, B5(JIS), A5, A5(Long Edge), A6, Executive, Legal, Folio (A4 only supported in automatic 2-sided print mode) Manual Feed Slot - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm ADF - Width: 147.3mm to 215.9mm x Length: 147.3mm to 355.6mm

### Environment

<b>Power Consumption</b>	Printing - 565W, ready - 65W, sleep – 9.5W, deep sleep – 1.7W, power down - 0.04W
<b>TEC Value</b>	2kWh / Week
<b>Sound Pressure Level</b>	Printing - 55dbA, quiet mode printing – 52dbA, ready - 28dbA,
<b>Sound Power Level</b>	Printing – 6.73BA, quiet mode printing – 6.4BA, ready – 4.05BA
<b>Power Saving</b>	This enables the printer to consume less energy when not in use
<b>Toner Saving</b>	This reduces the toner usage and helps to reduce the total cost of printer ownership
<b>Energy Star</b>	Yes
<b>Blue Angel</b>	Yes
<b>Nordic Swan</b>	Yes



### Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth. [www.brotherearth.com](http://www.brotherearth.com)

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### Network & Security

<b>Wired Network</b>	Built in Ethernet 10Base-T/100Base-TX
<b>Network Protocols</b>	TCP/IP (IPv4 and IPv6)
<b>IPv4</b>	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTIP Client, LDAP
<b>IPv6 (off by default)</b>	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTIP Client, LDAP, Web Services (Print/Scan)
<b>Wired Network Security</b>	SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos (for network printing), IPsec
<b>Enterprise Wired Network Security</b>	802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
<b>Print Log To Network</b>	Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network
<b>E-mail Notifications</b>	Automatically have the device send an E-mail to a nominated E-mail address when it requires attention
<b>E-mail Reports</b>	Receive usage reports on a regular basis via E-mail
<b>IPv4 Restrict</b>	Restrict which network users either can or cannot access the device over the network
<b>Secure Function Lock 3.0</b>	Restrict access to individual or groups of users over a network. Can be used with PC User Login Names for up to 100 users
<b>Secure Print<sup>3</sup></b>	Protect print jobs with a 4 digit PIN that has to be entered at the control panel of the printer before printing
<b>Active Directory</b>	Restrict access using Active Directory Authentication

### Network Management Utilities

<b>Embedded Web Server</b>	Web based print management software embedded onto the device
<b>Driver Deployment Wizard<sup>4</sup></b>	Easily create print drivers for hassle free deployment over your network
<b>BRAdmin Professional 3<sup>4&amp;5</sup></b>	LAN/WAN management software

### Address Book

<b>Speed Dials</b>	300 locations for E-mail addresses
<b>Group Dial</b>	A combination of up to 20 groups can be stored for broadcasting
<b>LDAP</b>	The ability to connect to an external LDAP enabled address book, like Microsoft® Exchange
The address book is only accessible as part of the scan to email server function, available as an optional free download from the Brother Solutions Centre <a href="http://solutions.brother.com">http://solutions.brother.com</a>	

### Supplies

<b>Inbox Toners</b>	Black Toner – 2,500 pages <sup>1</sup> Cyan, Magenta & Yellow Toners - 1,500 pages <sup>1</sup>
<b>Standard Yield Toners</b>	Black Toner (TN-321BK) 2,500 pages <sup>1</sup> Cyan Toner (TN-321C) 1,500 pages <sup>1</sup> Magenta Toner (TN-321M) 1,500 pages <sup>1</sup> Yellow Toner (TN-321Y) 1,500 pages <sup>1</sup>
<b>High Yield Toners</b>	Black Toner (TN-326BK) 4,000 pages <sup>1</sup> Cyan Toner (TN-326C) 3,500 pages <sup>1</sup> Magenta Toner (TN-326M) 3,500 pages <sup>1</sup> Yellow Toner (TN-326Y) 3,500 pages <sup>1</sup>
<b>Other Supplies</b>	Drum (DR-321CL) 25,000 A4 pages Belt (BU-320CL) Up to 50,000 pages Waste Toner Box (WT-320CL) Up to 50,000 pages Optional 500 sheet Lower Paper Tray (LT-320CL)
<b>Carton Contents</b>	Toner Cartridges, Drum, Belt, Waste Toner Box, Power Supply Cord, Driver Software For Windows®, Quick Set-Up Guide, PC Interface Cable NOT Included, Telephone line cord (MFC models only)

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example glossy coated paper will result in a shortened life of such supplies.

### Solutions

<b>BSI (Brother Solutions Interface)</b>	Allows the use of 3 <sup>rd</sup> party solutions & apps, such as b-guard, to increase security & productivity
<b>b-guard (optional purchase)</b>	Increase security, efficiency & control costs using the pull printing & enhanced management capabilities of this BSI solution

### Dimensions & Weight

<b>With Carton (WxDxH)</b>	637 x 545 x 649mm 33.8Kg
<b>Without Carton (WxDxH)</b>	410 x 503 x 492mm 29Kg

### Duty Cycles

<b>Recommended Monthly</b>	500 – 3,000 pages monthly print volume
<b>Maximum Monthly<sup>8</sup></b>	Up to 40,000 pages monthly print volume

<sup>1</sup>Approx declared yield value in accordance with ISO/IEC 19798

<sup>2</sup>Calculated with 80g/m<sup>2</sup> paper

<sup>3</sup>Windows® & Mac® only

<sup>4</sup>Windows® only

<sup>5</sup>Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

<sup>6</sup>Must be web connected

<sup>7</sup>Requires Brother software

<sup>8</sup>Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements

This model is based on the DCP-L8400CDN plus the additional specification below

## MFC-L8650CDW

### High Speed Colour All-In-One Printer



#### 2-Sided Automatic Document Feeder

- Dual CIS scanner provides automatic 2-sided copying, scanning and faxing

#### Advanced Fax Capabilities

- 33.6Kbps modem, PC-Fax Send<sup>7&3</sup>, PC-Fax Receive<sup>7&4</sup> and Internet Fax<sup>5</sup>(Ifax)

#### Built-in Networking

- Share with your workgroup via its built-in Ethernet or wireless 802.11b/g/n network interfaces

#### Mobile Printing & Scanning

- Support for Brother iPrint&Scan, Google Cloud Print<sup>®6</sup>, Apple AirPrint & Wi-Fi Direct™

#### General

Wireless Network Interface	IEEE 802.11b/g/n
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#### Colour Scanner

Automatic 2-Sided Scanning	Yes
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#### Colour Copier

Automatic 2-Sided Copying	Yes
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# Colour Laser Multifunction Range Datasheet

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### Network & Security

<b>Wireless Network</b>	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)
<b>Wi-Fi Direct™</b>	Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)
<b>Wireless Setup Support</b>	Wi-Fi Protected Setup (WPS) & AirStation One-Touch Secure System (AOSS)
<b>Wireless Applications</b>	Intel® My Wi-Fi Technology & Vertical Pairing
<b>IPv4</b>	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SMTP Client, LDAP, IMAP4
<b>IPv6 (off by default)</b>	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SMTP Client, LDAP, Web Services (Print/Scan), IMAP4
<b>Wired Network Security</b>	APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPSec
<b>Standard Wireless Network Security</b>	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos (for network printing), IPSec
<b>Enterprise Wireless Network Security</b>	802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
<b>Setting Lock</b>	Restrict access to the control panel by securing it with a 4 digit PIN

### Address Book

<b>Speed Dials</b>	300 locations for fax numbers and E-mail addresses
<b>Group Dial</b>	A combination of up to 20 groups can be stored for broadcasting
<b>LDAP</b>	The ability to connect to an external LDAP enabled address book, like Microsoft® Exchange

### Dimensions & Weight

<b>With Carton (WxDxH)</b>	637 x 545 x 649mm 35.2Kg
<b>Without Carton (WxDxH)</b>	410 x 503 x 492mm 30.4Kg

### Fax

<b>Fax Modem</b>	33,600bps (Super G3)
<b>Automatic 2-Sided Faxing</b>	Yes
<b>Internet Fax (iFax)<sup>5</sup></b>	Fax documents anywhere in the world over the Internet without the use of a telephone line
<b>PC Fax Send<sup>7&amp;3</sup></b>	Send faxes directly from your PC
<b>PC Fax Receive<sup>7&amp;4</sup></b>	Receive faxes directly to your PC
<b>Automatic Redial</b>	Automatic redialling if the recipient fax is busy
<b>Telephone Index</b>	An electronic, alphabetical listing of stored speed dials and group numbers
<b>Chain Dialling</b>	Allows the user to store parts for long dialling sequences in different speed dial locations
<b>Distinctive Ring Detection</b>	A service purchased from a telephone company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring style for each number (UK and Denmark only)
<b>Speaker / Ring volume</b>	3 levels and off
<b>Fax / Tel Switch</b>	Automatic recognition of fax and telephone reception
<b>Super Fine</b>	Enables quality transmission of very small print and line drawings
<b>Contrast</b>	Auto / light / dark
<b>Enhanced Remote Activate</b>	Transfer a fax call, answered on an extension phone, to the fax machine
<b>Delayed Timer</b>	Up to 50
<b>Quick-Scan</b>	Reduce scanning times by scanning a fax into memory before sending. Approximately 2.5 seconds per page A4 standard resolution
<b>Memory Transmission</b>	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
<b>Out of Paper Reception</b>	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
<b>Dual Access</b>	Allows the operator to perform 2 different tasks on the machine at the same time
<b>Broadcasting</b>	Send the same fax message to up to 350 separate locations (manual 50 locations)
<b>Batch Transmission</b>	Stores documents for the same location in the machines memory for transmission in a single call
<b>Auto Reduction</b>	When receiving a single page document more than 297mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet
<b>ECM (Error Correction Mode)</b>	The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)
<b>Fax Forwarding</b>	Sends a fax received in memory to another pre-programmed fax number
<b>Remote Access</b>	Allows the user to remotely access their machine by using another touch tone phone
<b>Fax Retrieval</b>	Allows the user to retrieve fax messages using another touch tone machine
<b>Remote Maintenance</b>	Allows the user to maintain their MFC from a remote location
<b>Remote Set-up<sup>3</sup></b>	Allows the user to set-up the MFC from their PC
<b>Grey Scale</b>	256 shades of grey are available for faxing
<b>Fax Preview</b>	Preview received faxes on the screen
<b>Fax stamp</b>	Add the date and time to all received faxes
<b>Coverpages</b>	Create custom coverpages for outgoing faxes

This model is based on the DCP-L8400CDN plus the additional specification below

## DCP-L8450CDW

### Professional Colour All-In-One Printer



#### Built-in Networking

- Share with your workgroup via its built-in Ethernet or wireless 802.11b/g/n network interfaces

#### 2-Sided Automatic Document Feeder

- Dual CIS scanner provides automatic 2-sided copying, scanning and faxing

#### General

<b>Wireless Network Interface</b>	IEEE 802.11b/g/n
<b>Colour Touch Screen</b>	12.3cm LCD

#### Colour Printer

<b>Print Speed Standard (A4)</b>	Up to 30ppm (pages per minute) colour & mono
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#### Colour Scanner

<b>Automatic 2-Sided Scanning</b>	Yes
<b>Network Scanning</b>	Scan to network folder (Windows® only), FTP, Secure FTP, email server & SharePoint <sup>7</sup>

#### Paper Handling

<b>Paper Input<sup>2</sup></b>	ADF (Automatic Document Feeder) - 50 sheets
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#### Colour Copier

<b>Automatic 2-Sided Copying</b>	Yes
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## Network & Security

<b>Wireless Network</b>	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)
<b>Wi-Fi Direct™</b>	Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)
<b>Wireless Setup Support</b>	Wi-Fi Protected Setup (WPS) & AirStation One-Touch Secure System (AOSS)
<b>Wireless Applications</b>	Intel® My Wi-Fi Technology & Vertical Pairing
<b>IPv4</b>	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNMP Client, LDAP, IMAP4
<b>IPv6 (off by default)</b>	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNMP Client, LDAP, Web Services (Print/Scan)
<b>Standard Wireless Network Security</b>	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos (for network printing), IPsec
<b>Enterprise Wireless Network Security</b>	802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
<b>Setting Lock</b>	Restrict access to the control panel by securing it with a 4 digit PIN

## Address Book

<b>Speed Dials</b>	300 locations for E-mail addresses
<b>Group Dial</b>	A combination of up to 20 groups can be stored for broadcasting
<b>LDAP</b>	The ability to connect to an external LDAP enabled address book, like Microsoft® Exchange

The address book is only accessible as part of the scan to email server function

## Dimensions & Weight

<b>With Carton (WxDxH)</b>	660 x 625 x 698mm 35.2Kg
<b>Without Carton (WxDxH)</b>	490 x 526 x 530mm 30.2Kg

## Environment

<b>TEC Value</b>	2.2kWh / Week
<b>Sound Pressure Level</b>	Printing - 56dba, quiet mode printing - 53dba, ready - 28dba,
<b>Sound Power Level</b>	Printing - 6.71BA, quiet mode printing - 53dba, ready - 4.05BA

## Duty Cycles

<b>Recommended Monthly</b>	750 - 4,000 pages monthly print volume
<b>Maximum Monthly<sup>8</sup></b>	Up to 60,000 pages monthly print volume

## Supplies

<b>Inbox Toners</b>	Black Toner - 2,500 pages <sup>1</sup> Cyan, Magenta & Yellow Toners - 1,500 pages <sup>1</sup>
<b>Standard Yield Toners</b>	Black Toner (TN-321BK) 2,500 pages <sup>1</sup> Cyan Toner (TN-321C) 1,500 pages <sup>1</sup> Magenta Toner (TN-321M) 1,500 pages <sup>1</sup> Yellow Toner (TN-321Y) 1,500 pages <sup>1</sup>
<b>High Yield Toners</b>	Black Toner (TN-326BK) 4,000 pages <sup>1</sup> Cyan Toner (TN-326C) 3,500 pages <sup>1</sup> Magenta Toner (TN-326M) 3,500 pages <sup>1</sup> Yellow Toner (TN-326Y) 3,500 pages <sup>1</sup>
<b>Super High Yield Toners</b>	Black Toner (TN-329BK) 6,000 pages <sup>1</sup> Cyan Toner (TN-329C) 6,000 pages <sup>1</sup> Magenta Toner (TN-329M) 6,000 pages <sup>1</sup> Yellow Toner (TN-329Y) 6,000 pages <sup>1</sup>



This model is based on the DCP-L8450CDW plus the additional specification below

## MFC-L8850CDW

### Professional Colour All-In-One Printer



#### Advanced Fax Capabilities

- 33.6Kbps modem, PC-Fax Send<sup>7&3</sup>, PC-Fax Receive<sup>7&4</sup> and Internet Fax<sup>5</sup>(Ifax)

#### Environment

##### Power Consumption

Printing - 565W, ready - 65W, sleep - 10.5W,  
deep sleep - 1.9W, power down - 0.04W

#### Dimensions & Weight

**With Carton (WxDxH)** 660 x 625 x 698mm 36.8Kg

**Without Carton (WxDxH)** 490 x 526 x 530mm 31Kg

## Fax

<b>Fax Modem</b>	33,600bps (Super G3)
<b>Automatic 2-Sided Faxing</b>	Yes
<b>Internet Fax (iFax)<sup>5</sup></b>	Fax documents anywhere in the world over the Internet without the use of a telephone line
<b>PC Fax Send<sup>7&amp;3</sup></b>	Send faxes directly from your PC
<b>PC Fax Receive<sup>7&amp;4</sup></b>	Receive faxes directly to your PC
<b>Automatic Redial</b>	Automatic redialling if the recipient fax is busy
<b>Telephone Index</b>	An electronic, alphabetical listing of stored speed dials and group numbers
<b>Chain Dialling</b>	Allows the user to store parts for long dialling sequences in different speed dial locations
<b>Distinctive Ring Detection</b>	A service purchased from a telephone company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring style for each number (UK and Denmark only)
<b>Speaker / Ring volume</b>	3 levels and off
<b>Fax / Tel Switch</b>	Automatic recognition of fax and telephone reception
<b>Super Fine</b>	Enables quality transmission of very small print and line drawings
<b>Contrast</b>	Auto / light / dark
<b>Enhanced Remote Activate</b>	Transfer a fax call, answered on an extension phone, to the fax machine
<b>Delayed Timer</b>	Up to 50
<b>Quick-Scan</b>	Reduce scanning times by scanning a fax into memory before sending. Approximately 2.5 seconds per page A4 standard resolution
<b>Memory Transmission</b>	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
<b>Out of Paper Reception</b>	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
<b>Dual Access</b>	Allows the operator to perform 2 different tasks on the machine at the same time
<b>Broadcasting</b>	Send the same fax message to up to 350 separate locations (manual 50 locations)
<b>Batch Transmission</b>	Stores documents for the same location in the machines memory for transmission in a single call
<b>Auto Reduction</b>	When receiving a single page document more than 297mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet
<b>ECM (Error Correction Mode)</b>	The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)
<b>Fax Forwarding</b>	Sends a fax received in memory to another pre-programmed fax number
<b>Remote Access</b>	Allows the user to remotely access their machine by using another touch tone phone
<b>Fax Retrieval</b>	Allows the user to retrieve fax messages using another touch tone machine
<b>Remote Maintenance</b>	Allows the user to maintain their MFC from a remote location
<b>Remote Set-up<sup>3</sup></b>	Allows the user to set-up the MFC from their PC
<b>Grey Scale</b>	256 shades of grey are available for faxing
<b>Fax Preview</b>	Preview received faxes on the screen
<b>Fax stamp</b>	Add the date and time to all received faxes
<b>Coverpages</b>	Create custom coverpages for outgoing faxes

## Network & Security

<b>IPv4</b>	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTP Client, LDAP, IMAP4
<b>IPv6 (off by default)</b>	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTP Client, LDAP, Web Services (Print/Scan), IMAP4
<b>Wired Network Security</b>	APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPsec
<b>Standard Wireless Network Security</b>	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos (for network printing), IPsec

This model is based on the MFC-L8850CDW plus the additional specification below

## MFC-L9550CDWT

Professional Colour High Volume Workgroup All-In-One Printer



NFC card reader  
 for secure  
 authentication

Exclusive  
 Super High Yield  
 Toners

Super High Yield  
 Inbox Toners

800 sheet paper  
 input capacity

### Compared to DCP-L8850CDW:

#### Super High Yield Toners

- Low cost exclusive super high yield toner cartridges included inbox and available as a replacement

#### NFC

- Built in card reader for secure authentication

#### Additional Lower Tray

- Additional 500 sheet paper capacity for high volume printing

#### Network & Security

<b>NFC</b>	Built in card reader for use with Secure Function Lock 3.0 as an authentication method.
<b>Secure Function Lock 3.0</b>	Restrict printing activity to individual or groups of users over a network. Can be used with PC User Login Names or supported NFC cards for up to 100 users

#### Paper Handling

<b>Paper Input<sup>2</sup></b>	Standard Tray – 250 sheets Lower Tray – 500 sheets
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#### Dimensions & Weight

<b>Combined Cartons (WxDxH)</b>	660 x 625 x 992mm 45.6Kg
<b>Without Carton (WxDxH)</b>	490 x 535 x 662mm 37.4Kg

#### Supplies

<b>Inbox Toners</b>	Black Toner – 6,000 pages <sup>1</sup> Cyan, Magenta & Yellow Toners – 6,000 pages <sup>1</sup>
<b>Super High Yield Toners</b>	Black Toner (TN-900BK) 6,000 pages <sup>1</sup> Cyan Toner (TN-900C) 6,000 pages <sup>1</sup> Magenta Toner (TN-900M) 6,000 pages <sup>1</sup> Yellow Toner (TN-900Y) 6,000 pages <sup>1</sup>

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example glossy coated paper will result in a shortened life of such supplies.

#### Duty Cycles

<b>Recommended Monthly</b>	1,000 – 5,000 pages monthly print volume
<b>Maximum Monthly<sup>8</sup></b>	Up to 75,000 pages monthly print volume

**brother**  
at your side