

MFC-6890CDW

LC1100 Standard / High yield Cartridges

Part of the world's first compact A3 inkjet multifunction series



It's not big. But it's clever. Not only does it print, scan and copy to A3, it faxes too, making it the complete business machine. For extra flexibility it connects to your network, wired or wireless, with easy one-touch set up. And to help keep costs down, it saves paper with double-sided A4 printing

Catalogue Spec

- Compact A3 multifunction with A4 double sided printing
- Up to A3 Print, Copy, Scan and Fax
- Total connectivity including wired and wireless network as standard
- Easy and secure wireless connection gives you the freedom to work anywhere!
- Large capacity dual paper tray
- Hi Speed Faxing
- High resolution Colour scanner including scan to PDF feature
- Easy to use 4.2" Touch screen LCD
- USB Host port and media card centre (Scan and Print)
- Cost effective individual ink technology
- Free document management software
- 12 months warranty and lifetime technical support
- Energy Star certified meaning low energy usage

Detailed Spec

General

Engine	Inkjet
Max. Flatbed paper Input width / height	297/431.8mm
Input Paper Capacity	350 sheets
ADF (Automatic Document Feeder)	50 sheets
Output paper capacity	50 sheets
Output width / height	148/148mm to 297/431.8mm
LCD Display Size	4.2" Wide Touchscreen colour LCD
On-screen programming	Step by step prompts are displayed within the LCD in order to facilitate programming machine options and settings.
Total Memory Capacity	64MB
Simultaneous Operation	Yes
Ink gauge indication	Ink levels can easily be displayed in the LCD using the ink management key
Power save button	This model has an On/Off button on the control panel

Colour Printer

Speed	Up to 35 pages per minute for in black & white and up to 28 pages per minute for colour (150 x 600dpi)
Warm-up time	0 seconds
Resolution	Up to 1,200 x 6,000 dpi
Duplex Print	Up to A4
Paper Handling Size	A3, A4, LGR, LTR, LGL, EXE, JISB4, JISB5, A5, A6, Photo(102x152mm/4x6"), Indexcard(127x203mm/5x8"), Photo-L(89x127mm/3.5x5"), Photo-2L(127x178mm/5x7"), Post Card 1(100x148mm/3.9x5.8"), Post Card 2 (Double)(148x200mm/5.8x7.8"), C5 Envelope, Com-10, DL Envelope, Monarch, JE4 Envelope
Media type	Plain / Inkjet / Glossy / Transparency
Media weight	64-260g/m2
Borderless printing	Borderless printing is available for A3/A4/Ltr/A6/Photo Card/Index Card/Post Card
Droplet Size	Minimum droplet size of 1.5pl
Colour Enhancement	Brother Image Enhancement allows the user to customise colour output
Printer Driver	Compatible with Windows [®] 2000/XP/Vista, Mac [®] OSX 10.2.4 or greater (includes auto installer program)

Colour Fax

Colour Fax (A4 Only)	This model is capable of sending and receiving colour faxes to and from other colour capable fax machines, using the ITU.T-30E colour fax protocol. (Cannot send from memory in colour)
Fax Modem Speed	33.6kbps
Automatic Redial	Automatic redialling if the recipient fax is busy
Speed Dials	100 Speed Dial locations
Group Dial	Up to 6 groups
Telephone Index	An electronic, alphabetical listing of stored speed dial and group numbers.
Distinctive Ring Detection	A service purchased from the 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 tone for each number. Available only for UK and Denmark.
FAX/TEL Switch	Automatic recognition of fax and telephone reception
Super Fine	Enables quality transmission of very small print and line drawings (Transmit & Receive, B&W only)
Grey Scale	64 levels for B&W, 256 levels for colour
Enhanced Remote Activate (mono only)	Transfer a fax call, answered at an extension phone, to the fax machine,
Quick Scan	Reduce scanning times by scanning a fax into memory before sending. Approx.6 seconds per page A4 standard
Memory Transmission	Up to 400 Pages (ITU-T Test Chart No 1, MMR)
Out of Paper Reception	Up to 400 Pages (ITU-T Test Chart No 1, MMR)
Broadcasting	Send the same fax message to up to 256 separate locations
Next Fax Reservation (dual access)	By placing a document on the Flatbed scanner and entering the dialling location the user can prepare a fax for transmission whilst the machine is already receiving a call.
Auto Reduction	Long documents are automatically reduced to fit to A4
ECM (Error Correction Mode)	Where machines share the ECM feature, errors during transmission are corrected automatically ensuring received documents are error free
Speaker / Ring volume	3 Steps and off
Station ID	This is the stored information that appears on the top of faxed pages
PC-Fax only)	Send and receive faxes from your PC, broadcast to up to 50 locations. (B&W only)

Colour Copy

Speed	Up to 23copies per minute in black & white and up to 20 copies per minute for Colour (150 x 600dpi)
Resolution (Mono)	Maximum print resolution: 1200 x 1,200 dpi (Colour) 1,200 x 1,200 dpi
Enlargement/Reduction Ratio	Maximum scan resolution 1200 x 1200 dpi (Colour & Mono)
Multi Copy	Reduce or Increase document sizes from 25% to 400% in 1% increments Up to 99 copies of the original
Watermark copy	Use predefined watermarks such as Confidential, Draft or Copy or use your own graphic from a USB Stick and place them on all copied documents
Book Copy	Corrects dark borders and skews when copying books from the scanner glass.

Colour Scanner

Technology	CIS (Contact Image Sensor)
Warm-up time	0 Seconds
Resolution (Optical)	Up to 1200 x 2400 dpi
Resolution (Interpolated)	Up to 19200 x 19200 dpi
Speed	Max.3.39 Mono /4.49 Colour sec (A4) / Max.4.80 Mono /6.35 Colour sec (A3) (A4, 100 x 100dpi)
Grey Scale	256 shades of grey are available for copying or scanning
Twain Compliant XP/Vista only	This model is TWAIN and WIA compliant for Windows® (WIA is Windows®)
Operating System 'Scan to' Key	Windows® 2000/XP/Vista, Mac® Mac OS X 10.3.9, v 10.4, v 10.5.x Allows the user to scan to e-mail, OCR, Image, USB Flash Memory drive, Card, FTP, e-mail server or File (file for Windows® and MAC OSX 10.2.4 or greater)
Colour Depth	Supporting: JPEG, BMP, PDF, TIFF, PNG
Scan to USB Flash Drive –	This model has a 48 bit internal processing colour scanner JPEG, PDF (colour) / TIFF, PDF (black & white)

Interface

Host Interface (USB)	Hi speed USB 2.0 interface as standard
Network Interface as standard	This model is supplied with a built in 10/100 Base-TX network interface
Wireless Ready as standard	This model is supplied with built-in 802.11b/g Wireless

Direct Photo Printing

PictBridge Connection	Yes
Print From USB Flash Dive	Yes (JPEG)
PhotoCapture Centre compatible with: compatible)	Compact Flash: 4MB-8GB (Type1 only, Type2 & Microdrive are not Memory Stick: 16MB-128MB (Duo with Adopter) Memory Stick Pro: 256MB-8GB (MagicGate: YES if not use MG function) Secure Digital: 16MB-2GB (MiniSD with Adopter) Secure Digital High Capacity (SDHC): 4-8GB xD Picture Card: 16-512MB xD Picture Card TypeM/M+/TypeH: 256MB-2GB
Media format	The following media formats are supported by this model: DPOF, EXIF, DCF
Image format	The following image formats are supported by this model: Photo print – JPEG Scan to card – JPEG, PDF (colour) / TIFF, PDF (black & white)
Removable disk drive	The PhotoCapture Centre™ can be used as a removable disk drive in order to save and retrieve files onto any of the listed Media cards
LCD Photo enhance	Edit and enhance images using the colour LCD

Built-in Network as standard

Network connection Mode)	10/100 Base-TX, Wireless LAN IEEE802.11b/g (Infrastructure Mode/Adhoc Mode)
Network functions	Printing, Scanning, PhotoCapture, (Network Scanning 2 user license supplied as standard)
Protocol support	TCP-IP - Including the following: ARP/RARP, BOOTP, DHCP, APIPA, WINS/NetBIOS, LPR/LPD, Port9100, mDNS, FTP, TELNET, SNMP, TFTP, SMTP, POP3, Scanner Port , LDAP.
Wireless Setup	Secure Easy Setup™ (SES), Wi-Fi Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
Wireless Security	WEP 64/128, WPA-PSK (TKIP), WPA2-PSK (TKIP&AES)

Operating system	Print / Scan / PhotoCapture Centre™: Win 2000/XP/Vista Print / Scan / PhotoCapture Centre™: Mac OSX 10.2.4 or greater
Network Management	BRAdmin Light (Windows only)
Internet Fax	Yes
LDAP	Yes
Optional user licences	Optional 5 user licences are available to purchase (NL-5)

Weights and Measures

With Carton	656(W) x 597(D) x 460(H) mm - 22.1KG
Without Carton	540(W) x 488(D) x 323(H) mm - 15.6Kg
Power Consumption	Power save Under 4.5 Watts Standby Under 6 Watts Operating (Peak) Under 29 Watts
Machine Noise	Peak Printing Approx 50dB(A)

4 Separate Ink Cartridges

Standard / High Yield	
Black	LC1100BK / LC1100HY-BK Approximately 450/900 A4 pages*
Cyan	LC1100C / LC1100HY-C Approximately 325/750 A4 pages*
Magenta	LC1100M / LC1100HY-M Approximately 325/750 A4 pages*
Yellow	LC1100Y / LC1100HY-Y Approximately 325/750 A4 pages*
	*Approx. cartridge yield is declared in accordance with ISO/IEC 24711 www.brother.com/pageyield

Brother Paper

BP71GA3: A3 glossy photo paper, 20 sheets
BP71GA4: A4 glossy photo paper, 20 sheets
BP71GP: 4x6" glossy photo paper, 20 / 50 sheets
BP60MA3: A3 Matte inkjet paper, 25 sheets
BP60MA4: A4 Matte inkjet paper, 25 sheets
BP60PA: A4 inkjet paper, 250 sheets

Box Contents

Ink Cartridges - Black, Cyan, Magenta, Yellow ink cartridges
Driver Software for Windows® and Macintosh® (CD ROM)
Reallusion® FaceFilter Studio Software (CD ROM)
Power Supply Cord
Quick Setup Guide
Sample A3 Paper Pack
User's guide

PC Interface cable not included