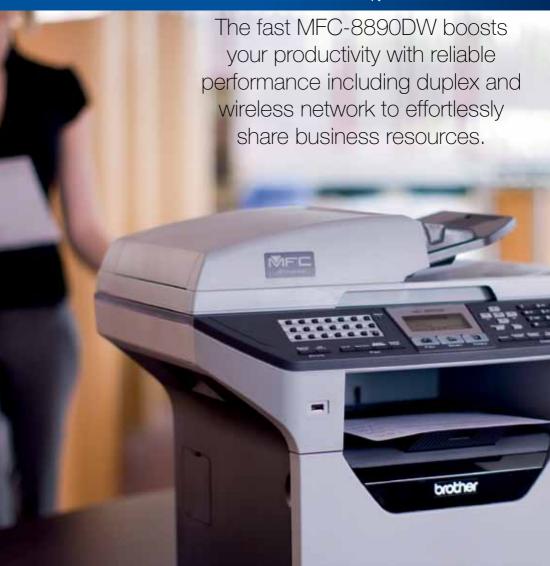# MFC-8890DW

6-in-1 High Speed Mono Laser Multi-Function Centre® with Automatic Duplex Scan/Print, Fax and Wireless Network
Print / Fax / Copy / Scan / PC Fax / Direct Print

The fast MFC-8890DW boosts your productivity with reliable performance including duplex and wireless network to effortlessly share business resources.

| Print Speed 30 ppm (A4) | 1,200 x 1,200 dpi Print Resolution | Automatic Duplex Print/Scan | Standard 250 / Max. 550 Paper Capacity | Standard 64MB Memory / Max. 576MB | Network Ready | Cost-Saving Separate Toner & Drum Technology | Wireless |

The energy efficient MFC-8890DW helps cut costs with optional high-yield toner, automatic duplex print, fax, copy and scan and versatile features to synergise resources.

Fast performance and professional results
The MFC-8890DW enables you to get the job done speedily with an impressive print and copy speed of up to 30 pages per minute. It comes with high resolution printing and an excellent colour scanner for office documents of remarkable quality.

Versatile
This professional mono laser Multi-Function Centre© has true all-in-one capabilities. Simply connect the MFC-8890DW to your existing wireless or wired network to share it among several users. Printing on special media such as envelopes, labels or transparencies is easy with the multipurpose tray using a Straight Paper Path. Create professional documents with the simple to use booklet printing option or by adding a watermark.

Scan to LDAP
Lightweight Directory Access Protocol, is an Internet protocol that email and other programs use to look up information from a directory server. So, instead of having to write in the recipients email address or have to find it from another source, you can search for it using LDAP direct from the control panel of the Multi-Function Centre©

Easy to use, time-saving features that put you in control
The 50-sheet automatic document feeder (ADF) makes handling multipage documents a swift task. Save time printing directly from or scanning to a USB memory stick. Simply access the menus and see the status of the MFC-8890DW with its 5-line backlit LCD display. With the Secure Print function you can safely print confidential documents at anytime.

Excellent value for money
The MFC-8890DW has many features to keep your running costs down: reduce paper use with automatic duplex, or restrict the number of pages printed by each user using the Secure Function Lock feature. Eliminate transmission costs with the Internet Fax option. The optional high-yield toner and long-life drum are separate, which means you can replace them individually and save money. The MFC-8890DW's energy efficiency has been ENERGY STAR-certified.

Compatible to Suit All Business Environments
With flexible support on all major operating systems including Microsoft® Windows, Macintosh® and Linux, business users will find it a breeze to print with the MFC-8890DW

Secure Printing
With confidentiality becoming an increasing consideration, the integral 'secure print' feature will prove invaluable. This standard feature ensures that sensitive documents can only be printed once a user-unique PIN has been entered into the printer via the control panel or web browser – eliminating the worry of your newly printed document being picked up by an unauthorised person.

Network Connectivity for Sharing of Resources
Equipped with an Ethernet port and an integrated 10/100 Base-TX network card, the sharing of resources is possible in a small workgroup to optimise IT investment. With the support of advanced network protocols such as APIPA[4] and DHCP[5], network connectivity is greatly simplified.

[4]APIPA – Automatic Private IP Addressing
[5]DHCP – Dynamic Host Configuration Protocol

Network management tools for efficient IT support
Depending on the size of your network, Brother has an array of network management tools to choose from to best-fit your requirement. The BRAdmin Professional Software for administering LAN connected devices, or the Enterprise edition Web BRAdmin for WAN devices is available for efficient network management and client support.

Brother's easy-to-use network management tools give you complete control of your networking environment. Attention required such as low toner levels, mechanical attention or print job errors on the machine are automatically reported to the network administor via email for quick rectification.
What's more, you can even customise the degree of error settings that you would like to be alerted on. As a result, you now have the freedom of viewing and adjusting the printer or network settings, without leaving your desk.

Automatic Email Notification
There is also automatic e-mail notification regarding the status of the printer. If there is a technical fault, paper jam or low toner, the relevant person can be set up to receive an e-mail so that action can be taken immediately, again limiting the frustration of downtime.

Supports IPv4 & IPv6 protocols to safeguard investment in the future.
The current IPv4 as well as the upcoming IPv6 protocols are being supported to safeguard your investment even in the future, and handle any transition period effectively without any upgrading costs.

Paper capacity to handle every requirement
Coping with increasing printing requirements from your workgroup is easy. The MFC-8890DW comes with a 50 sheet multipurpose tray and 250 sheet paper tray as standard. Add one optional paper tray, to increase your total paper capacity to 550 sheets, allowing your workgroup to comfortably cope with any changing circumstances without needing to replace your printer.

Low Operating Costs
With a separate toner and drum technology, the MFC-8890DW reduces your total cost of ownership. As the drum cartridge is being maximised after several toner cartridges are depleted, costs are reduced to the minimal. The MFC-8890DW includes a standard toner which prints up to 3,000 pages

Environmental Friendly with Cost Savings
MFC-8890DW has a built-in duplex function to save paper by printing on both sides of the paper automatically. In addition, its N in 1 printing and booklet printing features enable you to save on paper. The environmentally-friendly MFC-8890DW is Energy Star compliant to ensure minimal usage of power.

Enjoy fantastic value with this fast and easy to use mono laser Multi-Function Centre®.

Concern for the environment is a main focus in all stages of our products lifecycle. From design, development and manufacturing, through to customer usage and disposal, our products are designed to help you conduct business in the most environmentally sustainable manner possible. Brother Australia conducts environmental activities based on the Brother Group's "5 Rs":
1. REDUCE (waste material by recycling), 2. REUSE (products and waste material), 3. REFUSE (to buy environmentally unfriendly products), 4. REFORM (materials and use again), 5. RECYCLE (rather than scrap)

Earthwatch – committed to our environment multi-function centre®.
Brother has joined forces with Earthwatch to help find solutions to some of Australia's pressing environmental challenges. Earthwatch is an international organisation which supports scientific research and education to promote the understanding and action necessary for a sustainable environment. Brother and Earthwatch will support a national network of research projects which focus on tackling climate change and the conservation of Earth's precious natural resources.

We recommend using genuine Brother consumables for quality professional prints and for peace of mind. All genuine Brother consumables are designed as part of an entire printing system and tested to ensure optimum performance and component protection.

MFC-8890DW Technical Specifications

General
Technology		Electrophotographic Laser
Print Speed	Standard (A4)	Up to 30 ppm
	Duplex (A4)	Up to 13 ppm
First Print Out Time		Less than 8.5 secs
Resolution		1,200 x 1,200 dpi, HQ1200 (2,400 x 600 dpi), 600 dpi, 300 dpi
Processor		300MHz
Memory		64MB (Expandable up to 576MB) using one 144 pin DIMM slot
Interface		Hi-Speed USB2.0, IEEE 1284 Parallel, Ethernet
Network		10/100 Base-TX, Wireless LAN IEEE802.11b/g (Infrastructure/Adhoc Mode)
IPv4 Supported Protocols		ARP, RARP, BOOTP, DHCP, APIPA(Auto IP) WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/ Port9100, IPP/IPPS, FTP Client and Server,TELNET Server, HTTP/HTTPS server, SSL/TLS, TFTP client and server, SMTP Client, APOP, POP before SMTP, SMTP-AUTH SNMPv1/v2c/v3, ICMP, LLTD responder, WebServicesPrint,CIFS Client, SNTP, LDAP, POP3/SMTP
IPv6 Supported Protocols		NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/ Port9100, IPP/IPPS, FTP Client and Server,TELNET Server, HTTP/HTTPS server, SSL/TLS, TFTP client and server, SMTP Client, APOP, POP before SMTP, SMTP-AUTH SNMPv1/v2c/v3, ICMPv6, LLTD responder, WebServicesPrint CIFS Client, SNTP, LDAP, POP3/SMTP
Wireless Network Security		WEP 64 / 128, WPA-PSK (TKIP), WPA2-PSK (TKIP&AES), LEAP, EAP-FAST
Wireless Easy Setup		Wi-Fi Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
Emulation		PCL®6, BR-Script3 (Postscript®3 Language Emulation) IBM Proprinter XL, Epson FX-850
Resident Fonts		PCL®6 - 66 Scalable Fonts, 12 Bitmap Fonts, 13 Barcodes Postscript®3 - Compatible fonts: 66
Display		5 line, 22 characters white back-lit LCD

Mono Duplex Copier
Copy Speed A4	Up to 30cpm Duplex - Up to 13 sides per minute
Resolution	Up to 1,200 x 600dpi
First Copy Out Time	Less than 10.5 seconds (from ready mode)
Stack & Sort	Stack and sort multiple copied documents
Reduction / Enlargement Ratio	Reduce and enlarge documents from 25% to 400% using 1% increment 2 in 1 and 4 in 1

Mono Duplex Fax
Modem Speed	33,600bps (G3)
Internet Fax	Fax documents anywhere in the world over the Internet without the use of a telephone line
Fax/Tel Switch	Automatic recognition of fax and telephone reception
One-Touch Dial	40 (20 x 2) locations
Speed & Group Dial	Up to 300 speed locations and up to 20 groups
Automatic Redial	Automatically redials number if line is busy
Distinctive Ring Detection	Ability to detect different ring styles
Fax Forward and Retrieval	Forward or retrieve faxes to or from another location
Transmit / Receive Memory	Up to 500 pages (ITU-T Test Chart, Standard Resolution, MMR)
Error Correction Mode (ECM)	Resending of failed documents where sending fax shares ECM
PC-Fax***	Send & receive faxes from your PC (phone line required)

Colour Duplex Scanner
Resolution	600 x 2,400dpi (from scanner glass) 600 x 1,200dpi (from ADF)
Resolution (Enhanced)	19,200 x 19,200dpi
Grey Scale	256 shades of grey are available for copying, faxing and scanning
Colour Depth	48 bit internal, 24 bit external
Scan Functions	Scan to E-mail / OCR / Image / File** Scan to E-mail Server / Network / FTP / USB Flash Memory Drive

Paper Handling
Paper Input	250 sheet standard paper tray 50 sheet multipurpose tray 50 sheet automatic document feeder (ADF) Optional 250 sheet paper tray
Paper Output	150 sheets (face down)

Media Specifications
Media Types	Standard Paper Tray - Thin Paper, Plain Paper, Bond Paper, Recycled Paper, Transparencies (up to 10 sheets) Multi-Purpose Tray - Thin Paper, Plain Paper, Thick Paper, Bond Paper, Recycled Paper, Envelopes, Labels, Transparencies (up to 10 sheets) Optional Tray - Thin Paper, Plain Paper, Bond Paper, Recycled Paper
Media Weights	Standard Paper Tray - 60 to 105g/m2 Multi-Purpose Tray - 60 to 163 g/m2 Duplex - 60 to 105g/m2 ADF - 64 to 90 g/m2 Optional Tray - 60 to 105g/m2
Media Sizes	Standard Paper Tray - A4, Letter, ISOB5, A5, A5 (Long Edge), ISOB6, A6, Executive Multi-Purpose Tray - Width 69.8 to 216 mm, Length 116 to 406.4 mm Automatic Duplex - A4 ADF - Width 148-216mm, Length 148-356mm Optional Tray - A4, Letter, ISOB5, A5, ISOB6, Executive

Printer Driver Software
Windows®	Windows Vista®, Windows® XP Professional (32 & 64 bit editions) / XP Home Edition, Windows Server 2003® (32 & 64 bit editions), Windows Server 2008®,Windows® 2000 Professional
Macintosh®	Mac OS® X 10.3.9 or greater
Linux****	CUPS printing system (x86, x64 environment), LPD/LPRng printing system (x86,x64 environment)

Printer Driver Functions
Automatic Duplex	Automatically print on both sides of the paper
Booklet Printing	Print 4 pages to every piece of paper (2 pages per side) and fold it in the middle.
N-up Printing	Reduce 2, 4, 9, 16 or 25 A4 pages to 1 A4 page
Poster Printing	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing	Print documents with predefined text or user-defined messages
Status Monitor	A function for showing the printer status on your PC
Secure Print	Safeguard information throughout the entire printing process, tracking documents from the moment the print button is pressed

USB Direct Interface
USB Direct Print	Print images or files directly from a USB Flash Memory Drive
File Formats - Print	PDF version1.6, Microsoft XPS, JPEG, Exif + JPEG, PRN (created by MFC-8890DW series printer driver), TIFF (MH) (scanned by Brother model)
Scan to USB	Scan images or documents to USB Flash Memory Drive
File Formats - Scan	PDF version1.6, Microsoft XPS, JPEG, TIFF

Network
Web Based Management	Use a web browser to manage your Brother network connected machine.
Driver Deployment Wizard	A quick and easy way to deploy a Brother printer drivers on a networked Windows® PC
BRAdmin Light	Print Server Management for Windows® and Mac OS X® 10.2.4 or greater
BRAdmin Professional****	For LAN / WAN management
Web BRAdmin Professional****	Server based LAN & WAN management utility (Windows® IIS (4.0/5.0) mode only)
LDAP Address Book	Access external address books using LDAP for sending internet faxes and scanned images

Supplies / Options
Inbox Toner	Approx. 3,000 pages*
Standard Toner	TN-3250 supplied - Approx. 3,000 pages*
High Yield Toner	TN-3290 - Approx. 8,000 pages*
Drum	DR-3215 - Approx. 25,000 pages
Optional Lower Tray	LT-5300 - 1 x 250 sheet paper tray
Optional Memory	Expandable up to 576MB using 144pin DIMM (Industry Standard)

Dimensions / Weight
With Carton	628(W) x 567(D) x 575(H) mm / 22.1kg
Without Carton	531(W) x 451(D) x 475(H) mm / 18.6kg

Others
Power Consumption	680W copying 85W ready 19W sleep
Noise Level	Sound Pressure - Less than 56dBA when printing, less than 30dBA in ready Sound Power - Less than 6.95B when printing, less than 4.6B in ready
Ecology	Power Save - Consume less energy when not in use Toner Save - Reduces toner usage
Recommended Monthly Print Volume	500 - 3,500 pages
Warranty	24 Months Return to Base (optional extended warranty available)

* Declared yield in accordance with ISO/IEC 19752. ** Requires Brother Software
Receiving is for Windows® only * Optional free downloads available from http://solutions.brother.com

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