

## HL-5470DW Environmentally Friendly Printing

Our commitment to the environment is brought to life with a range of eco friendly features and the attainment of a range of environmental labels and awards:

- **Separate Toner & Drum:** Less wastage and reduced print costs.
- **Toner Save:** The Eco feature uses less toner, which can help you to reduce your print spend.
- **2-Sided, N-in1 & Booklet Print:** Reduce paper consumption by up to 75% by printing multiple pages onto a single sheet of paper.
- **Deep Sleep Mode<sup>5</sup>:** Consumes less than 1 watt of power when not in use, which is 5 times less energy when compared to the standard ready mode.
- **Quiet Mode:** Reduces the noise level so the device can be used in intellectual areas as recommended by Blue Angel.



### GENERAL

|                                |  |
|--------------------------------|--|
| Technology                     | Electrophotographic laser printer  |
| Laser Classification           | Class 1 laser product (IEC 60825-1:2007)   |
| Standard Print Speed (Simplex) | Up to 38ppm (pages per minute)   |
| 2-Sided Print Speed (Duplex)   | Up to 18ipm (images per minute)  |
| Warm Up Time                   | Less than 1 second (from sleep mode)   |
| First Print Out Time           | Less than 8.5 seconds (from ready mode)  |
| Resolution                     | 1,200 x 1,200dpi, HQ1200 (2,400 x 600dpi quality), 600 x 600dpi  |
| Processor                      | 400MHz   |
| Memory Capacity                | 128MB (expandable up to 384MB using 1 x 144 pin, 16bit DDR2 DIMM)  |
| Local Interface                | Hi-Speed USB2.0  |
| Wired Network Interface        | Ethernet (10Base-T/100Base-TX)   |
| Wireless Network Interface     | IEEE 802.11b/g/n   |
| Wi-Fi Direct™                  | Print wirelessly without having to go through a wireless access point  |
| Easy Wireless Setup            | Wi-Fi Protected Setup™ (WPS) & AirStation OneTouch Secure System™ (AOSS)   |
| Print Languages                | PCL6, BR-Script3 (Postscript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850   |
| Embedded Fonts (PCL)           | 66 scalable fonts, 12 bitmap fonts   |
| Embedded Fonts (PS)            | 66 scalable fonts  |
| Embedded Barcodes (PCL)        | 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) |
| Backlit LCD Display            | 16 characters x 1 line   |

### PAPER HANDLING

|              |   |
|--------------|---|
| Paper Input  | 250 sheet standard paper tray<br>50 sheet multi-purpose tray  |
| Paper Output | 500 sheet optional paper tray (maximum of 1)<br>150 sheets face down<br>1 sheet face up (straight paper path) |

### MEDIA SPECIFICATIONS

|                           |  |
|---------------------------|--|
| Media Types & Sizes       | Standard / Optional Paper Tray - Plain & recycled paper (between 60 - 105 g/m <sup>2</sup> (16 - 28 lb))<br>Multi-Purpose Tray - Plain, recycled & bond paper (between 60 - 163g/m <sup>2</sup> (16 to 43lb))  |
| Media Weights             | Standard / Optional Paper Tray - A4, Letter, B5(ISO/JIS), A5, A5(Long Edge), B6(ISO), A6, Executive, Legal, Folio (A4 only supported in automatic duplex print mode)<br>Multi-Purpose Tray - Width: 76.2mm (3" to 8.5") x Length: 127mm to 355.6mm (5" to 14") |
| Envelope & Label Printing | Yes, from Multi-Purpose (MP) Tray (accuracy & reliability will depend on the quality & type of media used)   |

### SUPPORTED OPERATING SYSTEMS

|           |   |
|-----------|---|
| Windows®  | 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 2008R2, Windows® Server 2008 (32 & 64 bit editions), Windows® Server 2003 (32 & 64 bit editions) |
| Macintosh | Mac OS X 10.5.8, 10.6.x, 10.7.x   |
| Linux     | CUPS, LPD/LPRng (x86/x64 environment)   |

### MOBILE PRINTING

|                    |   |
|--------------------|---|
| iPrint&Scan        | Print JPG & PDF files from a Microsoft®, Apple® or Android® smart phone / tablet (Microsoft® is JPG only) |
| Google Cloud Print | Print most common file types from any Google Cloud Print® enabled application                             |

### PRINTER DRIVER FUNCTIONS

|                                 |  |
|---------------------------------|--|
| N-up Printing <sup>2</sup>      | Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page  |
| Poster Printing <sup>3</sup>    | Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages  |
| Watermark Printing <sup>3</sup> | Watermark your documents with predefined text or with your own user-defined messages                                     |
| Macro Printing <sup>3</sup>     | Create & embed custom templates, for example a company logo, which automatically prints on all of your printed documents |
| ID Printing <sup>3</sup>        | Add identification to your printed documents (date & time, short custom message or PC username)                          |
| Booklet Printing <sup>3</sup>   | Print documents in A5 booklet format using automatic or manual 2-sided print   |
| Quite Mode                      | Reduces the noise of the machine whilst printing (a small reduction in print speed also occurs)                          |
| Skip Blank Page <sup>3</sup>    | Ignores any blank pages in your documents  |
| Reprint <sup>3</sup>            | Print the last document that was sent to the machine   |



### NETWORK UTILITIES / PROTOCOLS

|   |  |
|---|--|
| Web Based Management Driver Deployment Wizard | Web browser based management software<br>A quick & easy way to deploy Brother printer drivers on a networked Windows® PC   |
| BRAdmin Professional Print Log to Network     | For LAN / WAN management (Downloadable from <a href="http://solutions.brother.com">http://solutions.brother.com</a> )<br>Records printing activities from individual users   |
| E-mail Notifications Protocols                | Automatic alerts sent via e-mail when the device needs attention, e.g. toner low TCP/IP (IPv4 & IPv6)  |
| IPv4 Supported Protocols                      | ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/PPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/v3, ICMP, Web Services (Print), CIFS client, SNTIP client |
| IPv6 Supported Protocols                      | NDP, RA, DNS resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/PPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/v3, ICMPv6, Web Services (Print), CIFS Client, SNTIP Client  |

### SECURITY FEATURES

|                                       |  |
|---------------------------------------|--|
| Security Protocols                    | APQP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3, KerberosSetting Lock Lock down the control panel to stop unwanted user access |
| Secure Print                          | Assign a 4 digit PIN to each print job that must be enterable at the control panel in order to retrieve  |
| Secure Function Lock v2               | Restrict print activities to selected users and assign optional page limits  |
| Secure Printing with SSL              | IPP based encryption, already widely used in e-commerce to protect financial & sensitive information   |
| IP Filter                             | IP address based access restriction (IPv4 only)  |
| 802.1x (Wired Network Access Control) | Supported Protocols - EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS   |
| 802.1x (Wired Network Access Control) | Supported Protocols - LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS  |
| Wireless Network Security             | WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)   |

### SUPPLIES / ACCESSORIES

|                     |   |
|---------------------|---|
| In-box Toner        | Approx. 3,000 pages <sup>1</sup>                  |
| Standard Toner      | TN-3330 - Approx. 3,000 pages <sup>1</sup>        |
| High Yield Toner    | TN-3380 - Approx. 8,000 pages <sup>1</sup>        |
| Drum                | DR-3300 - Approx. 30,000 pages (one job per page) |
| Optional Lower Tray | LT-5400 - Up to 500 sheets                        |



### WEIGHTS & DIMENSIONS

|                |                                      |
|----------------|--------------------------------------|
| With Carton    | 499(w) x 478(d) x 380(h) mm / 12.5kg |
| Without Carton | 371(w) x 384(d) x 257(h) mm / 10.5kg |

### ENVIRONMENT

|                                |  |
|--------------------------------|--|
| Typical Electrical Consumption | 1.93kWh / week   |
| Power Consumption              | 700W active, 4.8W ready, 0.5W deep sleep (2.7W when wireless is enabled) |
| Sound Pressure                 | 59dBA active, 54dBA quiet mode, 34dBA ready                              |
| Sound Power                    | 6.79BA active, 6.4BA quiet mode, 4.7BA ready                             |
| Power Save                     | Consumes less energy when not in use                                     |
| Toner Save                     | Reduces toner usage  |



### DUTY CYCLE

|                                  |                           |
|----------------------------------|---------------------------|
| Recommended Monthly Print Volume | 500 to 3,500 pages        |
| Maximum Monthly Volume           | 50,000 pages <sup>4</sup> |

<sup>1</sup>Declared yield value in accordance with ISO/IEC19752, <sup>2</sup>Windows® & Mac only, <sup>3</sup>Windows® only, <sup>4</sup>Maximum number of printed pages per month and 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. <sup>5</sup>Only available when wireless is disabled.

Contact:

**brother**  
at your side

**Brother International Europe Ltd**  
Brother House, 1 Tame Street, Audenshaw, Manchester M34 5JE  
Tel: +44 (0)161-330 6531 Fax: +44 (0)161-330 5520  
Website: [www.brother.com](http://www.brother.com)

All specifications correct at time of printing. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.

# HL-5470DW

**brother**  
at your side

GET YOUR BUSINESS  
**CONNECTED**  
WITH HIGH SPEED  
**OUTPUT**



**THE HL-5470DW IS A PROFESSIONAL PRINT PERFORMER OFFERING ENHANCED WORKGROUP CONNECTIVITY TO MEET THE MOST DEMANDING BUSINESS ENVIRONMENTS**

**Features to optimise your workflow**

- High speed output at up to 38ppm
- Ethernet and 802.11n Wi-Fi connectivity
- First page out in less than 8.5 seconds
- Up to 8,000<sup>1</sup> page high yield toner cartridge
- Standard total paper capacity of 300 sheets
- 1,200 x 1,200 dpi resolution
- Automatic 2-sided printing with booklet feature

## THE HIGH PERFORMANCE PRINTER

Regardless of your business size Brother understands that your business runs on information. The HL-5470DW is packed with a range of easy-to-use, cost effective output solutions that are designed to deliver outstanding results time after time.

### PRODUCTIVE

A first page out time of less than 8.5 seconds and an impressive print speed of up to 38ppm ensures large volume print jobs are handled with ease and deadlines are met. The intuitive 1 Line LCD enables users to get the results they need quickly and easily.

### FLEXIBLE

High volume printing requires professional paper handling. The 50 sheet multi-purpose tray offers the flexibility of printing on a range of media types including envelopes and thicker paper. The standard 250 sheet lower tray can be further enhanced by adding the optional 500 sheet lower tray.

### COST EFFECTIVE

A range of cost saving features including toner save mode and booklet printing allow reductions on print costs. The optional 8,000<sup>1</sup> page high yield toner cartridge together with the separate drum unit means you can be sure of exceedingly low running costs.



### PROFESSIONAL

Thanks to the 1,200 x 1,200dpi print resolution you'll get sharp crisp text and accurate reproduction of even the finest details on the page. With 2-sided and booklet printing as standard you can produce professional reports and presentations and reduce paper consumption by up to 75%.

### INTEGRATED

Wired networked and the latest 802.11n Wi-Fi connectivity allow seamless integration into existing office infrastructure. PCL6 and BR-Script3 ready (Postscript<sup>®</sup>3™ Language Emulation) with support for barcode printing as standard enables instant compatibility with business critical systems and applications including SAP.

### RELIABLE

Capable of handling up to 3,500 pages every month with ease, the HL-5470DW delivers exceptional quality and performance, consistently meeting the needs of the most demanding business environments.

“Professional and powerful, the HL-5470DW is the high speed productivity partner”



## BROTHER'S DEVICE MANAGEMENT SOLUTIONS

The HL-5470DW is compatible with a range of utilities for device administration and management:

- **BRAdmin Professional** – A device management utility for remotely monitoring and configuring your printer fleet across multiple locations. Remotely diagnose user issues and setup automatic email alerts for instant notification of printer downtime enabling you to solve potential problems before they impact on productivity.
- **Web Based Management** – Manage and configure a single device by creating a direct connection through a standard web browser.
- **Central Deployment** - Deployable printer drivers that can be distributed and then automatically installed to multiple computers from one central location.

## DATA SECURITY

- **Business critical data** will remain safe and secure thanks to SSL encryption ensuring that information transmitted from computer to printer is encrypted for maximum security.
- **The secure print feature** allows print jobs to be stored in the memory, only being released when a 4 digit PIN code is entered on the LCD.