



KONICA MINOLTA

The essentials of imaging



# magicolor 4650EN magicolor 4650DN

Your **colour** desktop partner

The magicolor 4650EN and magicolor 4650DN are high-performance A4 printers designed for single desktop users, small workgroups and departments that require moderate quantities of both premium colour and monochrome prints. A duplexer is standard with the magicolor 4650DN. Additional capacity is available with an extra feeder.

- **The quick and quiet one** – These high-performance printers keep the noise down – even when the magicolor 4650DN is busy duplexing – guaranteeing no disturbances. The magicolor 4650EN and magicolor 4650DN are ready with the first prints in barely 13 seconds and deliver 24 pages per minute, all thanks to the next-generation Emperon™ controller, 500 MHz processing and 256 MB memory.
- **Small machine, great capacity** – Front access trays and an optional lower feeder that increases the capacity to 850 sheets make these printers true desktop-friendly solutions. Even with large volumes, all you need to do is prepare the job and let magicolor 4650EN and magicolor 4650DN do all the work for you.
- **Beyond basic printing** – Fulfil a range of office printing requirements with ease. For enhanced visual impact, choose paper up to 210 gsm to fit into the multi-purpose tray. The magicolor 4650DN with built-in duplexer assures smooth, high-output production of professional-looking reports and booklets.
- **Future ready** – Both models, the magicolor 4650EN and the magicolor 4650DN, support the XPS<sup>3</sup> (XML Paper Specification) file format from Microsoft Vista™. In addition, they are compatible with various printing languages, operating systems and business applications for streamlined office printing operations.
- **Instant access** – Forget about the PC for a moment and print documents and pictures directly via USB stick<sup>2</sup> (supports PDF, TIFF, JPEG and XPS<sup>3</sup> formats) or PictBridge compliant digital cameras.
- **Exceptional images** – More colours per pixel without slowing down, thanks to PhotoART 9600 contone technology. Detailed, smooth and vivid images of 600 x 600 x 4 bit impress and add that little extra to your visuals.

magicolor 4650EN 

magicolor 4650DN 

**Colour workgroup printers 24/24 ppm**

# Technical specifications, magicolor 4650EN and magicolor 4650DN

## Print process

**Print method:**  
desktop tandem full colour  
A4 laser beam

**Print speed:**  
Up to 24 ppm colour,  
Up to 24 ppm monochrome

**First page out:**  
13 seconds colour,  
13 seconds monochrome

**Warm-up time:**  
36 seconds or less

**Max. resolution:**  
PhotoART 9600  
(600 x 600 x 4-bit contone)

**Duty cycle:**  
120,000 pages per month

## Hardware and software capabilities

**Processor type:**  
500 MHz

**Memory:**  
Standard: 256 MB  
Max.: 768 MB

**Printer emulations:**  
PostScript® 3™, XPS<sup>2</sup>,  
PCL® 6 (XL3.0), PCL® 5e/c/6

**Direct print:**<sup>2</sup>  
PDF (version 1.6), JPEG, TIFF, XPS<sup>3</sup>

**Software**  
PageScope NetCare  
PageScope Data Administrator  
PageScope Direct Print Utility  
PageScope Network Setup  
PageScope EMS plug-in  
PageScope Plug and Print  
PageScope NDPS Gateway

## Colour simulations:

SWOP, Commercial Press, Eurocolor,  
DIC, TOYO

**CF card<sup>2</sup>:**  
optional

**Hard disc kit (HDD)<sup>2</sup>:**  
optional

## Fonts

137 standard PostScript® fonts,  
93 PCL® scalable fonts, 51 symbol  
sets and 10 standard line printer fonts

## Interface support

Ethernet 10-Base-T/100-Base-TX/  
1,000-Base-T (supports TCP/IP,  
EtherTalk®, IPX/SPX, UDP, IPP1.1,  
SNMP, HTTP, HTTPS, IPv6)

IEEE 1284 Compatible Parallel Port,  
USB 2.0 (High-Speed) and USB Host  
Port (for PictBridge and Direct Print)

## Operating system compatibility

**Windows®:**  
Vista™, Server 2003, XP, 2000

**Macintosh®:**  
OS X (10.2, 10.3, 10.4)

**Linux®:**  
RedHat v9.0, SuSe v8.2

**Netware®:**  
Netware 4/5/6

## Paper handling

**Standard paper input:**  
250-sheet,  
100-sheet manual feed tray

## Standard paper output:

200-sheet face-down output tray

**Optional paper handling:**  
500-sheet A4 lower paper feeder

**Media sizes supported:**  
A4, A5, A6, B5, B5 (ISO), B6, letter,  
legal, 16K, Kai16, Kai32, J-Postcard,  
executive, Government letter/legal,  
folio, double postcard, statement,  
UK Quarto, SP folio, foolscap, custom  
(92-216 mm x 148-356 mm)

**Envelope sizes supported:**  
Com10, C6, DL, Monarch

**Duplexer<sup>1</sup> sizes supported:**  
A4, only with magicolor 4650DN

**Printable area:**  
4,2 mm from all edges

**Paper weights:**  
Plain paper (60-90 gsm) and  
recycled paper (60-90 gsm)

Thick stock (91-210 gsm) -  
via multipurpose tray only  
Duplexing<sup>1</sup> (60-90 gsm)

**Print media:**  
Plain paper, thick paper, recycled  
paper, transparency, letterhead,  
envelope, labels, postcard and  
glossy paper

## Physical

**Dimensions:**  
(D) 536 mm x (W) 469 mm  
x (H) 385 mm

**Weight:**  
34.5 kg with consumables installed,  
42 kg packaged to ship

## Electrical

**Input voltage range:**  
220 V ~ 240 V (± 10 %)

**Frequency:**  
50 ~ 60 Hz (± 3 Hz)

**Power consumption:**  
1200 W or less  
Average during printing 550 W or less

Standby 140 W or less

Energy save 16 W or less  
(New Energy Star supports  
magicolor 4650DN only)

## Environmental

**Temperature:**  
10 °C ~ 35 °C (operating)

**Humidity:**  
15 % to 85 % RH (operating)

**Noise levels:**  
52 dB or less (A) (operating),  
39 dB or less (A) (standby)

## Regulatory/Safety conformity

UL, cUL, FCC-B, DOC, VCCI,  
CE Marking, GS, C-Tick, CDRH,  
WEEE, RoHS

## Consumables

**Pre-installed:**  
Cyan, Magenta, Yellow and Black  
toner – yield up to 3,000 pages  
Cyan, Magenta, Yellow and Black print  
unit – yield up to 30,000 pages  
Waste toner bottle – yield up to  
36,000 pages (monochrome), 9,000  
pages colour)

## Replacements:

Cyan, Magenta, Yellow and Black  
toner – yield up to 4,000 pages  
Cyan, Magenta, Yellow and Black high  
capacity toner – yield up to 8,000  
pages  
Cyan, Magenta, Yellow and Black print  
unit – yield up to 30,000 pages  
Waste toner bottle – yield up to  
36,000 pages (monochrome), 9,000  
pages colour)

## Maintenance parts

**Transfer roller and Ozone filter:**  
yield up to 120,000 pages

**Transfer belt:**  
yield up to 120,000 pages

**Fuser unit:**  
yield up to 120,000 pages

**Media feed roller:**  
yield up to 300,000 pages

## Warranty period and conditions

1 year on-site warranty (within EU;  
local law applies).



<sup>1</sup> Duplexer supports plain paper only.

<sup>2</sup> Optional CF card enables storing fonts/forms/overlays/colour-profiles, direct printing (PDF, TIFF and JPEG), Collating, Job Accounting and User/Department authentication. More than 1GB CF card is required for Collating.

<sup>3</sup> Optional hard disc kit enables Secure printing, Proof-then-Print, Print & Hold, Job storing and XPS emulation in addition to all extra functions with CF card<sup>2</sup>.

■ All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality.

■ All specifications relating to printing speeds refer to A4-size paper that is printed crosswise in multipage, simplex mode.

■ The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, network protocols as well as network and system configurations.

■ The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5 % coverage of A4). The actual consumables life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.

■ Some of the product illustrations contain optional accessories.

■ Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice.

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■ Printed in Germany on chlorine-free bleached paper.

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