



KONICA MINOLTA

magicolor® 2450



# Premium colour for power users



**REVOLUTION IN COLOUR PRINTING**



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# Premium colour for power users

The magicolor® 2450 is an ultra-compact colour laser PostScript compatible printer that delivers the best graphical performance in its class. Fast and with superb print quality, its power gives it wide-ranging compatibility, making it the ideal solution for the demanding, graphics-intensive workloads of a small to medium-sized workgroup.



## Power with speed – the perfect combination

Size is no guarantee of strength, as the magicolor® 2450 demonstrates perfectly. Taking up little space on a desk, it prints at 5 pages per minute in colour and 20 pages per minute in mono, with first page print-out in just 12 seconds.

Power is delivered by means of an Emperon controller. This provides superb compatibility and versatility, allowing printing from any major application and environment. Still more power comes in the form of rapid page-processing and 128 MB RAM, allowing you to speed through heavy print jobs in no time.

A standard 200-sheet capacity is expandable to a hefty 700-sheets with an additional feeder. This level of capacity means you won't have to interrupt important print jobs in order to load extra paper. In the meantime, adding an automatic duplex unit allows the benefit of two-sided printing.

## Keeping costs down

The magicolor® 2450 is economic to run, its pre-installed long-lasting toner cartridges and high performance in everyday working environments makes it a sound investment.

## Easy to get started, easy to use

With high-capacity toner cartridges pre-installed, you can connect the magicolor® 2450 and start using it straight away. It has an intuitive, easy-to-read LCD display. You can oversee everything – from toner levels to configuration settings – from your PC through PageScope™ administration tools. Access to consumables – only five of which need replacing – is through the front of the printer, making maintenance completely straightforward.



# magicolor® 2450

## Superb colour printing

The magicolor® 2450 utilises 600 x 600 x 4 dpi Photo ART™ contone technology for unrivalled print quality. Varying individual pixel colour much more than normal, Photo ART™ contone accentuates printing precision, enhances image detail and provides smoothly-graduated colour tones. Print quality and consistency is further refined through the use of Simitri polymerised toners and eAIDC (enhanced Automatic Image Density Control). The result is photo-quality prints from a small printer that have to be seen to be believed.

## Direct Photo Print

The magicolor® 2450 lets you print photos direct from any PictBridge-compliant digital camera<sup>3</sup>. It's a fast and easy way to print your photos without the inconvenience of going through a computer. Simply connect, choose the photo you want and print.



**PictBridge**





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# magicolor® 2450 Quick Overview



## Direct Photo Print

- PictBridge<sup>3</sup> interface

## Speed

- Multi-pass laser technology
- Colour: up to 5 ppm
- Monochrome: up to 20 ppm
- First page out: 12 seconds (monochrome)
- Warm-up time: 49 seconds
- Ethernet (10/100BaseTX), USB 2.0 (High-Speed) & Parallel
- 128 MB RAM (max 640 MB)

## Quality

- 600 x 600 x 4 dpi Photo ART™ contone resolution
- Simitri polymerised toner
- Enhanced Automatic Image Density Control (eAIDC)
- Automatic ICC based colour matching
- PANTONE® colour tables

## Options

- Automatic duplexer for two-sided printing
- 500-sheet lower input feeder

## Ease of use

- Intuitive LCD display
- Quick-view toner level indicator on LCD display
- 5 easy-to-replace consumables
- Pre-installed consumable & network card

## Versatility

- 200-sheet multi-purpose tray (up to 163 g/m<sup>2</sup>)
- Emperon controller
- PostScript 3 & PCL® 6 emulations
- Windows® / Mac® / Linux® compatible
- PageScope™ administration tools



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## TECHNICAL DATA

### Printing process

Print method: electro photographic dual laser beam printing system  
A4 Print speed colour: 5 ppm  
A4 Print speed monochrome: 20 ppm  
First page out: 12 seconds monochrome, 21 seconds colour  
Warm-up time: average 49 seconds or less  
Resolution: 600 x 600 x 4 dpi Photo ART™ contone, 600 x 600 dpi  
Duty cycle: 35,000 pages per month

### Hardware and software capabilities

Processor type: Freescale MPC8220i, 300 MHz  
Memory: 128 MB RAM, upgradeable to 640 MB  
Printer emulations: PostScript 3, PCL® 5e/c/6, PDF 1.4 printing (optional hard disk required)  
Printer management: PageScope™ NetCare, PageScope™ Web connection, PageScope™ Network Setup, PageScope™ Peer to Peer Printing Tool, PageScope™ EMS plug-in, PageScope™ Web Jet Admin plug-in, PageScope™ Plug and Print, PageScope™ NDPS Gateway, download manager, print monitor, status monitor  
Colour support: Enhanced Automatic Image Density Control (eAIDC), color simulation: SWOP, commercial press, Eurocolor, DIC, TOYO, colour rendering dictionaries, PANTONE® colour tables, ICC device profiles

### Typefaces

255 standard PostScript fonts, 93 PCL® Scalable fonts, 54 Symbol sets and 10 standard line printer fonts.

### Interface support

Ethernet (10BaseT/100BaseTX) supports TCP/IP, EtherTalk®, NetWare® IPX/SPX, NetBIOS/NetBEUI, IPP1.1, SNMP, HTTP, UDP, SMB and UPnP. Bidirectional IEEE 1284 parallel and USB 2.0 (High-Speed) 'Plug and Play' support, PictBridge (via dedicated USB interface)

### Operating system compatibility

Windows®: Server 2003 / XP / 2000 / NT 4.0 / ME / 98SE, Mac®: OS 9 & OS X (10.2 or higher), Linux®: RedHat 9.0, Suse 8.2

### Paper handling

Standard paper input: 200-sheet multi-purpose tray  
Optional paper input: 500-sheet lower paper feeder  
Paper output: 200-sheet face-down output tray  
Paper sizes supported:  
Multi-purpose tray: A4, A5, B5, letter, legal, J-Postcard, executive, government letter/legal, folio, envelope C5/C6, envelope monarch, envelope DL, envelope COM10, double postcard, statement, UK Quarto, foolscap, letter plus, custom (92-216 mm x 210-356 mm)  
Lower paper feeder: A4  
Duplexer: A4, letter, legal  
Printable area: 4mm from all edges  
Print media: plain paper (60-90 gm<sup>2</sup>), thick paper (91-163 gm<sup>2</sup>), recycled paper (60-90 gm<sup>2</sup>), transparency, letterhead, envelope, labels, postcard, glossy paper

### Physical

Type: laser printer with internal controller  
Dimensions (D x W x H): 395 mm x 430 mm x 341 mm; carton: 498 mm x 591 mm x 522 mm  
Weight: 18 kg without consumables; 20 kg with consumables; 22 kg packaged to ship

### Electrical

Power requirements (220V/240V): VAC ±10%, 50/60 ±3% Hz  
Power consumption (220V/240V): max 1100 W; standby < 250 W, energy save < 27W  
Energy Star Compliant<sup>2</sup>

### Environmental

Temperature requirements: operating: 10° to 35°C; non-operating: 0° to 35°  
Humidity: operating 15% to 85% RH; non-operating 10% to 85% RH  
Noise levels: printing <53dBA; standby < 35dBA

### Regulatory/Safety Conformity

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

### Consumables<sup>1</sup>

Printer ships with installed high capacity cyan, magenta, yellow and black toner (yield up to 4,500 pages).  
Replacement toner cartridges:  
Standard: cyan, magenta and yellow (yield up to 1,500 pages)  
High capacity: cyan, magenta, yellow and black (yield up to 4,500 pages).  
OPC drum cartridge: up to 45,000 prints (continuous monochrome printing)

### Warranty period and conditions

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

<sup>1</sup>The stated life expectancy of each consumable in the printer is based on printing under 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. For more information about toner life expectancy visit <http://printer.konicaminoltaeurope.com/tco>

<sup>2</sup>The addition of some options, in some combinations may cause the product to become non-compliant. Energy Star compliance does not represent an EPA endorsement of any product or service.

<sup>3</sup>Please note that the PictBridge port of the magicolor® 2450 will not be functional at introduction. A free software update will be made available shortly for download on the Konica Minolta website.

Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice. For the latest information, please visit [printer.konicaminolta.com](http://printer.konicaminolta.com)

### Model Specific Features

Print speed:	5 ppm colour, 20 ppm monochrome
Resolution:	Up to 600 x 600 x 4 dpi Photo ART™ contone
Memory (RAM):	Standard 128 MB (max. 640 MB)
200-sheet multi-purpose tray:	Standard
A4 500-sheet lower feeder:	Optional 1710585-200
Automatic duplex:	Optional 1710586-100
USB 2.0 (High-Speed) interface:	Standard
Ethernet 10BaseT/100BaseTX:	Standard
PictBridge <sup>3</sup> :	Standard

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Websites:  
[printer.konicaminolta.com](http://printer.konicaminolta.com)  
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