



KONICA MINOLTA

The essentials of imaging



# **magicolor 4690MF**

# **magicolor 4695MF**

Next generation A4 all-in-one  
colour laser printer

**Colour all-in-ones 24/24 ppm**

magicolor 4690MF and magicolor 4695MF



# Your affordable **colour** **all-in-one for quality & speed**

Many small to medium sized offices, freelance and independent businesses require a compact and efficient all-in-one colour printing solutions. If you or your business requires colour or black and white documents printed, copied, faxed and scanned, then the magicolor 4690MF and the 4695MF are your ideal multi-functional colour devices. It efficiently combines four functions in a single system, thus eliminating the need for costly and multiple bulky devices.

The magicolor 4690MF and magicolor 4695MF provide high-speed tandem technology delivering fast 24 A4 pages in colour or black and white. They feature a smart and sturdy design, standard duplexer and a duplex document feeder. The magicolor 4690MF / 4695MF are extremely easy to use, with flexible media handling and straightforward exchange of consumables.

With PCL, Postscript 3 capability and optional XPS support the magicolor 4695MF offers full compatibility with standard operating systems and extra flexibility for additional business applications.

**If you're looking for high-quality colour and speed combined with efficient, copying, printing, faxing and scanning functions in a single system you'll appreciate the magicolor 4690MF and magicolor 4695MF. They are ideal and economical all-in-one colour solutions for any office or single user.**

Configuration	magicolor 4690MF	magicolor 4695MF
Copy/ Print/Scan Speed	Colour up to 24 ppm Mono up to 24 ppm	Colour up to 24 ppm Mono up to 24 ppm
Processor	200 MHz	500 MHz
Memory	Std./Max.: 256 MB	Std.: 256 MB, Max.: 768 MB
Hard disc kit	–	40 GB optional
Interfaces	10-Base-T/100-Base-TX Ethernet, IEEE 1284, USB 2.0	10-Base-T/100-Base-TX/1,000-Base-T Ethernet, IEEE 1284, USB 2.0
Emulations	Host based	PostScript 3, PCL 6 (XL3.0), PCL 5e/c, XPS optional



**magicolor 4690MF**  
**magicolor 4695MF**



**magicolor 4690MF**  
**magicolor 4695MF**  
with optional lower  
paper feeder



**magicolor 4690MF**  
**magicolor 4695MF**  
with optional cabinet

## → Effective and versatile copying and printing

The magicolor 4690MF and magicolor 4695MF covers all your printing and copying needs, helping you produce reports, presentations and business cards quickly and easily. High-speed technology enables you to print up to 24 pages per minute in colour and black and white. Equipped with an array of superb standard features, including an automatic duplex document feeder and duplexer, 250 sheets paper feeder plus 100-sheet manual feed tray, the magicolor 4690MF and magicolor 4695MF are flexible and versatile. Comprehensive connectivity is ensured with 10-Base-T/100-Base-TX Ethernet and USB 2.0 ports. Paper processing of up to 210 gsm allows you to create a range of media stationery, including business cards and labels. The optional lower paper feeder provides an extra 500 sheets capacity for long print runs.

For even more versatility and convenience, the magicolor 4695MF also offers PCL6 and Postscript 3 printing capabilities and can be optionally upgraded to the new Windows XPS standard. With Gigabit Ethernet as standard interface, the magicolor 4695MF is suitably equipped even for your future networking requirements. Enjoy instant printing of PDF, TIFF, JPEG and XPS files on a USB memory stick – with the USB direct print option no PC is required.

## → Fax and scan for efficient communication

With their ECM/Super G3 capability the magicolor 4690MF and magicolor 4695MF are very efficient faxes that enables you to send and receive documents at high speed. Their helpful and time-saving address book functionality includes up to 220 speed dials. The convenient PC fax driver and send documents straight from your PC without printing them first. With the Fax forward-to-email function you can automatically pass on faxes to an email address, enabling you to read faxes before deciding if you need to print them. Additional benefits include time-send and auto-redial, making faxing more convenient.

The magicolor 4690MF and magicolor 4695MF are fast and versatile scanners that process up to 24 originals per minute. Enhanced network scan functions give you real flexibility and include scan-to-email, -FTP and -SMB as well as TWAIN and WIA scan, with PDF, JPEG and TIFF available as file formats. Scan to USB memory enables you to store your scans directly on a USB stick. Included as standard is the LinkMagic scan software that facilitates pull scanning directly from your PC – eliminating the need to start another application. Finally the standard PaperPort 11SE scan software provides a practical OCR functionality, making the managing and archiving of documents faster and easier.

## → Superior quality combined with economic use

Using Konica Minolta's Simitri® HD toner, the magicolor 4690MF and magicolor 4695MF produces consistently high quality. The ultra-fine carrier particles of this polymerised toner ensure smoother, more natural images at both low and high density, with richer gradations and sharper text. Print quality is excellent with an attractive matt finish and enhanced resolution of up to 2,400 x 600 dpi for the magicolor 4690MF and 600 x 600 dpi x 4 bit for the magicolor 4695MF. The special edge enhancement feature provides top results especially for text, fine lines and drawings.

The magicolor 4690MF and magicolor 4695MF combines excellent print quality with economical usage. Auto colour recognition saves toner by only using colour toner where it is actually required. Economic copying is facilitated with two separate start keys for colour and black and white copies, giving you the instant choice to copy in colour or not. Highly economical is the Toner Save Mode, allowing you to save up to 50% toner, for example when printing drafts or your own documents.

magicolor 4690MF 

magicolor 4695MF 





KONICA MINOLTA

## Simitri HD

High Definition Polymerised Toner



## Technical specifications

### Print process

#### Print method

Tandem full colour, A4 laser beam

#### Print speed A4

Up to 24 ppm monochrome and colour

#### First page out

18 seconds or less monochrome and colour

**Warm-up time**  
58 seconds or less

**Max. resolution**  
**magicolor 4690MF:**  
2,400 x 600 dpi

**magicolor 4695MF:**  
600 x 600 x 4-bit contone  
(PhotoART 9600)

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

**Print functions**  
Autozoom, Nup, Poster mode,  
Booklet, Watermark,  
Quality adjustment, Overlay

**Direct print<sup>1</sup>**  
**(only magicolor 4695MF):**  
PDF (version 1.6), JPEG, TIFF, XPS<sup>2</sup>

### Copy process

**Copy speed**  
Up to 24 cpm monochrome and colour

**First copy out**  
25 seconds monochrome,  
28 seconds colour

**Copy resolution**  
600 x 600 dpi

**Copies**  
1-99

**Zoom range**  
25-400% (by 1% step)

**Copy functions**  
2in1, 4in1, Duplex copy, Density  
adjustment, Electronic collation

### Scan process

**Scan technology**  
CCD Image sensor, flat bed

**Scan speed**  
Up to 24 opm monochrome  
and colour

**Resolution**  
600 x 600 dpi (max.)

**Scan size**  
Max. A4, custom formats

**Scan Modes**  
TWAIN Scan, Windows WIA scan,  
Scan-to-eMail, Scan-to-SMB,  
Scan-to-FTP, Scan-to-USB Memory

### File Formats

PDF, TIFF, JPEG

### Fax process

Send and receive with internal fax  
module

**Modem speed**  
33.6 Kbps V.34

**Transmit speed**  
3 sec/page (at V.34)

**Fax compression**  
MH, MR, MMR, JBIG

**Speed dial**  
220

**Fax functions**  
Time Shift, PC-Fax, Receipt to eMail

### Hardware and software capabilities

**Processor**  
magicolor 4690MF: 200 MHz  
magicolor 4695MF: 500 MHz

**Memory**  
Standard: 256 MB  
Max.: 768 MB (only mc4695MF)

**Hard disc**  
**(only magicolor 4695MF)**  
40 GB optional

**Printer emulations**  
**magicolor 4690MF:** Host based  
**magicolor 4695MF:** PostScript 3,  
XPS<sup>2</sup>, PCL 6 (XL3.0), PCL 5e/c

**Printer management**  
LinkMagic (Push Scan Utility),  
PaperPort SE, PageScope Net Care,  
PageScope Network Setup,  
PageScope Web Connection  
Only magicolor 4695MF:  
PageScope NDPS Gateway,  
PageScope Direct Print

**Colour Control**  
Enhanced Automatic Image Density  
Control (eAIDC)

### Interface support

**magicolor 4690MF:**  
10-Base-T/100-Base-TX Ethernet,  
USB 2.0 (High-Speed) 'Plug and  
Play' support

**magicolor 4695MF:**  
Ethernet 10-Base-T/100-Base-TX/  
1,000-Base-T, IEEE 1284 Compatible  
Parallel Port, USB 2.0 (High-Speed)  
and USB Host Port (for PictBridge and  
Direct Print)

### Operating system compatibility

**magicolor 4690MF:**  
Windows 2000, XP, Vista,  
Server 2003

Macintosh OS 10.2.8 or later

**magicolor 4695MF:**  
Windows 2000, XP, Vista,  
Server 2003

Macintosh OS 10.2, 10.3, 10.4  
Linux RedHat v9.0, SuSe v8.2

### Paper handling

**Standard paper input**  
250-sheet  
100-sheet multi manual feed tray

**Standard paper output**  
250-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 sizes supported**  
A4

**Printable area**  
Approx. 4 mm from all edges

**Paper weights**  
Plain paper (60-90 gsm) and recycled  
paper (60-90 gsm), Thick stock  
(91-210 gsm) - via multi manual  
feed tray only  
Duplexing (60-90 gsm)

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

### Physical

**Dimensions (D x W x H mm)**  
590 mm x 539 mm x 578 mm

**Weight**  
50 kg without consumables,  
55 kg with consumables installed,  
70 kg packaged to ship

### Electrical

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

**Frequency**  
50 ~ 60 Hz (± 3 %)

### Power consumption

Max. 1,250 W  
Average during printing 650 W or less  
Standby 200 W or less  
Energy save 25 W or less

### Environmental

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

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

**Noise levels**  
54 dB or less (A) (printing),  
56 dB or less (A) (copying with ADF),  
39 dB or less (A) (standby)

### Regulatory/Safety conformity

Doc, CE Marking, GS, EMC, WEEE,  
Energy Star, EcoMark

### 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> Optional CF card enables storing fonts/forms/overlays/colour-profiles, direct printing (PDF, TIFF and JPEG), collating. More than 1 GB CF card is required for collating.

<sup>2</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>3</sup> All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality.

<sup>4</sup> All specifications relating to scanning, copying or printing speeds refer to A4-size paper that is scanned, copied or printed crosswise in multipage, simplex mode.

<sup>5</sup> 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.

<sup>6</sup> 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.

<sup>7</sup> Some of the product illustrations contain optional accessories.

<sup>8</sup> Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.

<sup>9</sup> Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.

<sup>10</sup> Microsoft, Windows and the Windows logo are trademarks, or registered trademarks, of Microsoft Corporation in the United States and/or other countries.

<sup>11</sup> All other brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.

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