



KONICA MINOLTA

The essentials of imaging



magicolor 4690MF

Your clever colour all-rounder

Multifunctional colour workgroup printer 24/24 ppm

magicolor 4690MF



Your affordable all-in-one for quality and speed

Many freelancers and independent business people are desperate for a compact and efficient colour solution for their small to medium-sized offices. If you are one of them and need everything fast – colour and b/w prints, copies, faxes and scans – the magicolor 4690MF is your ideal multi-functional colour device! It combines all the above comprehensive functionalities in a single system, saving on space and initial financial outlay.

The magicolor 4690MF provides high-speed tandem technology, delivering fast 24 A4 pages in colour or b/w. It features a smart and sturdy design and is generously equipped with standard duplexer and duplex Automatic Document Feeder. Obvious in the intuitive operation panel and clearly structured printer driver, the magicolor 4690MF is extremely convenient to use and also scores with easy media handling and straightforward exchange of consumables.

If you're looking for high-quality colour and speed combined with all-round communication capabilities, you'll appreciate the magicolor 4690MF. It's your perfect compact and economic all-in-one for the small but busy office.



magicolor 4690MF



magicolor 4690MF
with optional lower
paper feeder

→ Effective and versatile copying and printing

The magicolor 4690MF covers all your printing and copying needs, helping you produce for example reports, presentations and business cards quickly and with ease. High-speed tandem technology makes it fast, supplying up to 24 pages per minute in colour and b/w. Equipped with a wealth of standard features, including a duplex Automatic Document Feeder and duplexer, 250 sheets paper feeder plus 100 sheet multi-purpose tray, the magicolor 4690MF is 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 lets you create your own stationery, forms and labels; and with the optional lower paper feeder for an extra 500 sheets even longer print runs are completed quickly and without hassle.

→ Fax and scan for efficient communication

With its ECM/Super G3 capability the magicolor 4690MF is a very efficient fax that lets you send and receive documents at high speed. Its helpful and time-saving address book functionality includes 16 one-touch and 220 speed dials. Take advantage of 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. Other convenience features include time-send and auto-redial, making fax tasks a lot less tedious.

At the same time the magicolor 4690MF is a fast and versatile scanner that processes 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 offers additional convenience, letting you

store your scans directly on a USB stick. Scanning is even more straightforward with the standard Link Magic scan software that facilitates pull scanning directly from your PC – there's no need to start another application. Last but not least, 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 produces prints of a 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 enhanced resolution of up to 2,400 x 600 dpi and an attractive matt finish. Edge enhancement with LineArt provides top results especially for text, fine lines and drawings.

With the magicolor 4690MF, quality and economic usage are no contradiction! Auto colour recognition supports economic printing, only using colour toner where actually required. And economic copying is facilitated with two separate start keys for colour and b/w copies, giving you the instant choice to copy in colour or not. Highly economic is also the magicolor 4690MF's efficient toner save mode, allowing you to save up to 50% toner, for example when printing drafts or your own documents.





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
2,400 x 600 dpi

Duty cycle
120,000 pages per month

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

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
200 MHz

Memory
256 MB

Printer emulations
Host based

Printer management
LinkMagic (Push Scan Utility), PaperPort SE, PageScope Net Care, PageScope Network Setup, PageScope Web Connection

Colour Control
Enhanced Automatic Image Density Control (eAIDC)

Interface support
10-Base-T/100-Base-TX Ethernet, USB 2.0 (High-Speed) 'Plug and Play' support

Operating system compatibility

Windows®
2000, Server 2003, XP, Vista

Macintosh®
OS 10.2.8 or later

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

Duplex 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)

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

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. Some of the product illustrations contain optional accessories. 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 addition of some options, in some combinations may cause the product to become non-compliant. Establishment of new regulations may cause the product to become non-compliant. Energy Star compliance does not represent an EPA endorsement of any product or service. Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice.

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.

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