

Aficio

**MP C4502/MP C4502A/
MP C5502/MP C5502A**

Digital Full Colour Multi Function Device

✓ Copier ✓ Printer ✓ Facsimile ✓ Scanner



**Aficio™
MP C4502/A**

45 B/W
ppm Colour

**Aficio™
MP C5502/A**

55 B/W
ppm Colour

Tomorrow's document solution today

The Aficio™ MP C4502/MP C4502A/MP C5502/MP C5502A are the ultimate document solutions: performance colour MFPs that think with you. High productivity, fast turn-around, smart cost savers. All underpinned by an intuitive interface packed with efficient workflow and connectivity features. These MFPs not only meet international security and environmental standards. With their extra safety, compliance and energy-saving options, they let you determine just how green and secure your workplace needs to be.

- 45-55 colour prints/copies per minute
- High speed scanning with single pass duplex (MP C4502A /MP C5502A models)
- International security standards and environmental best practice
- Intelligent design: elegance and usability
- Customisable home screen with personal shortcuts and favourites



Maximise your workflow and security

Minimise your costs and environmental impact



Intuitive operation panel

An easily customisable operation panel displays your personal home screen with your own preferences and settings. An integrated USB/SD slot lets you work directly from an external source. At the same time, individual ergonomics are secured with the tiltable panel.



Enhanced internal controller

Quota Settings per user group or user allow you to manage the operation costs of the device. Combining high throughput with sustainability, the controller also features an eco-friendly indicator that shows the paper settings history for more efficient usage. The USB/SD slot permits the easy printing of PDF, JPEG and TIFF files.



Less time, less energy, less environmental impact

The envelopes can be fed more reliably and printed in better quality. The lower recovery time from sleep-mode to operation means your device warms up quicker. Saving you time and further reducing the environmental impact.



Security first, always

Achieve information security with a Copy Control function that prevents unauthorised copying of documents. Enhanced encryption (AES256bi, SHA2) and HDD encryption for scanning and hard disk security, further add to safeguarding your documents. Secure scanning to Web Mail via SMTP with encrypted SSL adds another layer of security to your device.



Keeping your workflow fluent



Hard-working and efficient

An impressive 45-55 colour prints per minute gets through jobs quickly. The large paper tray and highly effective document feeder accelerate task turnover. Users can preview scanned documents to check data before transmission, eliminating potentially costly or embarrassing errors.

Office logistics

Facilitates and organises many standard tasks to increase and to improve throughput. Scanning in colour to email, PDF, FTP, SMB, NCP, USB/SD and URL simplifies many copying and distribution tasks. The banner print page separates each job with output summary. While print quotas, resettable per user or group, reduce energy costs and environmental impact.



Get your priorities right

The automatic Job Promoter skips queue-blocking error jobs to get onto the next print. You can prioritise tasks from the by-pass tray; Schedule Printing for convenient or low-use times; and print PDF and TIFF files from a USB stick with a single command. These MFPs even do time-consuming admin tasks like numbering legal and medical documents.

Focused on the bottom line



Raise standards and lower costs

Smart printing options deliver a truly professional finish and outsourcing fewer jobs saves on time, effort and costs. There are 1,000-sheet and 3,000-sheet staple finishers available, as well as a 2,000-sheet booklet finisher. Add a punch unit to create 2-, 3-, or 4-hole punched documents that are ready for insertion in binders.

Low maintenance, high accessibility

Full front access and loading, easy jam-removal and two-way paper tray save time and do away with hassle. While for wheelchair users, accessibility is made easier by the optional scanner separation, lightweight multi-grip drawers, optional accessibility handle and single-hand toner replacement.



Complex tasks, simplifying solutions

Performance-enhancing software

A range of smart software optimises your MFP's performance in key areas. From GlobalScan-NX, which makes scanning straightforward, to @Remote, which gathers operational data to help manage your output devices efficiently. They even order their own new toner, maximising device uptime.



Inspired design

The dual-colour design concept promotes intuitive usability, with frequently used parts rendered in dark grey. The new compact cube design provides flexibility for all office spaces and sizes. Attractive and easy to use menus appear on a large LCD operation screen.

Greener by design

Ricoh products are Energy Star compliant, so running your device produces less CO₂. They have eco-friendly and money-saving features such as fast duplex printing, low sleep mode and high toner yield that save time, paper and energy. While options like the paper quota system help you set your office's own environmental priorities.



Critical capabilities for business communications



- 1** Easy access & intuitive operation via the colour LCD panel
- 2** 100-sheet Auto Reverse Document Feeder to efficiently handle one- and two-sided originals
- 3** High speed scanning with single pass duplex scanning (SPDF models)
- 4** Standard 2x 550-sheet paper trays to omit frequent refills and stay productive at all times
- 5** Standard 100-sheet bypass tray to take advantage of a wide range of paper sizes and types
- 6** Optional 2 x 550-sheet paper trays or 2x 1,000-sheet large capacity trays which offer you a choice of multiple paper sources on demand
- 7** 1,200-sheet side large capacity tray to increase your office productivity
- 8** 2,000-sheet booklet finisher & several punch kits for an entire range of finishing possibilities

MP C4502/MP C4502A/MP C5502/MP C5502A

Aficio®

MAIN SPECIFICATIONS

GENERAL

Warm-up time:	MP C4502/A: 19 seconds MP C5502/A: 21 seconds
First output speed:	MP C4502/A: B/W / Full colour: 3.6/5.7 seconds MP C5502/A: B/W / Full colour: 3.1/4.8 seconds
Continuous output speed:	MP C4502/A: B/W / Full colour: 45 ppm MP C5502/A: B/W / Full colour: 55 ppm
Memory:	2GB RAM / 190 GB HDD (standard)
Dimensions (W x D x H):	670 x 682 x 895 mm with ARDF 670 x 682 x 930 mm with SPDF
Weight:	MP C4502/C5502: 130 kg MP C4502A/C5502A: 133 kg
Power source:	220 - 240 V, 50/60 Hz

COPIER

Copying process:	Dry electrostatic transfer system
Multiple copying:	Up to 999 copies
Copy resolution:	600 dpi
Zoom:	From 25% to 400% in 1% steps

PRINTER

Printer language:	Standard: PCL5c, PCL6 Option: Adobe® PostScript® 3™, IPDS
Print resolution:	Maximum 1,200 x 1,200 dpi
Interface:	Standard: USB 2.0, SD slot, Ethernet 10 base-T/100 base-TX Option: Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/g), Bluetooth, Ethernet 1000 Base-T
Network protocol:	Standard: TCP/IP (IP v4, IP v6) Option: IPX/SPX
Windows® environments:	Windows® XP, Windows® Vista, Windows® 7, Windows® Server 2003, Windows® Server 2008, Windows® Server 2008R2
Mac OS environments:	Macintosh OS X v10.2 or later
UNIX environments:	UNIX Sun® Solaris: 2.6, 2.7, 2.8, 2.9, 2.10 HP-UX: 10.x, 11.x, 11i v2, 11i v3 SCO OpenServer: 5.0.6, 5.0.7, 6.0 RedHat® Linux Enterprise: 4, 5, 6 IBM® AIX: 5L v5.3, v6.1, v7.1
Novell® Netware® environments:	v6.5
SAP® R/3® environments:	SAP® R/3®

SCANNER

Scanning speed:	MP C4502/C5502: B/W / Full colour: 67 ipm MP C4502A/C5502A: B/W / Full colour: 85 ipm Simplex, 116 ipm Duplex
Scanning resolution:	B/W and Full colour: 100-600 dpi Maximum: 1,200dpi for TWAIN scanning
Bundled drivers:	Network TWAIN
Scan to e-mail:	SMTP, POP, IMAP4
Scan to folder:	SMB, FTP, NCP

FAX (OPTION)

Circuit:	PSTN, PBX
Compatibility:	ITU-T (CCITT) G3
Resolution:	Standard: 8 x 3.85 line/mm, 200 x 100 dpi 8 x 7.7 line/mm, 200 x 200 dpi Option: 8 x 15.4 line/mm, 400 x 400dpi 16 x 15.4 line/mm, 400 x 400 dpi
Transmission speed:	2 second(s)
Modem speed:	Maximum: 33.6 Kbps
Scanning speed:	0.7 second(s)
Memory capacity:	Standard: 4 MB Maximum: 28 MB

PAPER HANDLING

Recommended paper size:	A3, A4, A5, A6, B4, B5
Paper input capacity:	Maximum: 4,400 sheets
Paper output capacity:	Maximum: 3,625 sheets
Paper weight:	Paper trays: 52 - 256 g/m² Bypass tray: 52 - 300 g/m² Duplex tray: 52 - 169 g/m²

ECOLOGY

Power consumption:	Maximum: 1,700 W Operating power: 900 W Ready mode: MP C4502/C5502: 116 W MP C4502A/C5502A: 127 W Low power mode: MP C4502/C5502: 91 W MP C4502A/C5502A: 100 W Sleep mode: 1.5W TEC (Typical Electricity Consumption): MP C4502/A: 2.19 kW/h MP C5502/A: 2.79 kW/h
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SOFTWARE

Standard:	SmartDeviceMonitor, Web SmartDeviceMonitor®, Web Image Monitor
Optional:	GlobalScan NX, Card Authentication Package, Unicode Font Package for SAP, Remote Communication Gate S Pro

OPTIONS

ADF handle, 2 x 550-sheet paper tray, 1,200-sheet side large capacity tray, 2,000-sheet large capacity tray, Bridge unit, 1,000-sheet finisher, 3,000-sheet finisher, 2,000-sheet booklet finisher, Punch kits, Internal shift tray, One-bin tray, Side tray, Envelope feeder, Netware, Pictbridge, Browser unit, Counter interface, File format converter, Key counter bracket, Card reader bracket, Copy Data Security Unit, Fax Connection Unit, 2nd Super G3 port, Scanner accessibility option, Netware, Low cabinet

For availability of models, options and software, please consult your local Ricoh supplier.



Adobe PostScript® 3™



Bluetooth®



Embedded Software Architecture™



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