Ricoh Aficio Color 5560V
Color Digital Imaging System
The New Benchmark for High-Speed Color Communications

RICOH

fast

simple

productive

Ricoh Aficio Color 5560V

**High-speed color with quality and efficiency.
Whether upgrading from a fleet of desktop
color printers or introducing color capabilities
in-house, the RICOH® Aficio® Color 5560V is a
total solution for producing and distributing
every document in your office. It reduces the
expense of managing multiple low-volume
printers, copiers and scanners while
eliminating the cost of color outsourcing.
The powerful Ricoh Aficio Color 5560V is an
asset you can depend on for the fast and
cost-effective production of all your
business color applications.**

Multifunctional Flexible Manageable

Color with Quality, Speed and the Ultimate Simplicity

The Ricoh Aficio Color 5560V is designed for productivity, usability and superior image quality, with an array of color calibration and registration technologies to ensure sharp, consistent results.

- Speeds of up to 55 ppm full color and 60 ppm black & white combine with true 600 dpi scanning and printing so that every page always looks its best.
- Automatic Color Selection (ACS) determines which pages to reproduce in color or black & white, even within mixed sets.
- The Color Usage Restriction function assures you're only paying for the color you use by controlling the color usage activity of others.
- Oil-less toner formula delivers a rich color gamut and hardcopies with just a touch of gloss.
- Replacing toner is as simple as dropping the toner bag into the respective hopper.
- User-adjustable paper drawers automatically detect the loaded paper size, making additional programming unnecessary.

Multifunction Means More than Copying and Printing

If information sharing and archiving are as critical to your business as hardcopy document production, utilize the Ricoh Aficio Color 5560V's full-color scanning.

- TWAIN scanning lets you digitize hardcopy originals for incorporation into new documents.
- The 100-Sheet Automatic Reversing Document Feeder quickly captures one- or two-sided originals at speeds up to 60 ipm (images per minute) for monochrome documents and 45 ipm for color pages.
- The scanner detects the size of each original, while Automatic Paper Selection (APS) chooses the proper copy paper size automatically.
- Control the level of detail, file size and file format so users can open, view and/or print documents exactly as they were created.

Diverse Document Management and Distribution Capabilities

The Ricoh Aficio Color 5560V comes complete with a full complement of standard utilities for storing, organizing, retrieving and distributing your documents and data.
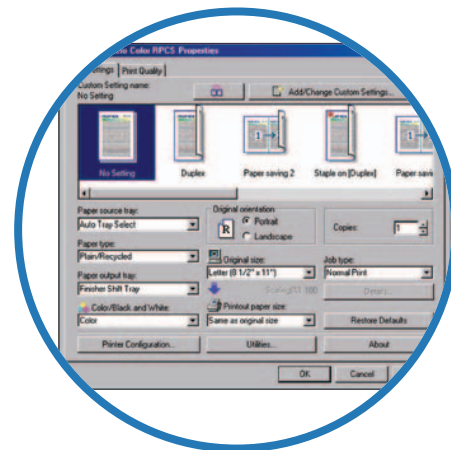
- Versatile color Scan-to functions allow for efficient document storage and distribution to hundreds of e-mail addresses or networked File/Folder/FTP destinations in a single operation.
- Document Server function scans, stores and organizes up to 3,000 documents with the power of 1,384MB RAM and a 4 x 80GB Hard Disk Drive array.
- DeskTopBinder combines and publishes files from various applications as a single, cohesive document.

The Ricoh Aficio Color 5560V control panel features an intuitive design with clearly labeled hard keys and easy-to-understand icons. This same ease of use is available through the Ricoh RPCS (Refined Print Command Stream) print driver.

Choose from several high-capacity Finishers with multi-position stapling and/or hole punching, and even produce saddle-stitched, folded booklets in-house.

Access and manage your document production system with just a few clicks of the mouse to optimize your printing productivity with Ricoh RPCS (Refined Print Command Stream).

Streamlined Design and Enhanced Control Improve Productivity

The easier office equipment is to use and control, the more productive your employees will be. That's why Ricoh has designed the Aficio Color 5560V to be easy to operate, easy to manage, and easy to get the desired results, every time.

- Enormous 7,400-sheet maximum paper supply means less interruptions and less maintenance.
- Full-format capabilities let you output full-bleed spreads of facing pages on 12" x 18".
- Several high-capacity Finishers offer multi-position stapling and/or hole punching, and even let you produce duplexed saddle-stitched booklets.
- Tab Accessory produces color tabs to separate sections for that professionally published look in binders, handbooks and manuals.
- LDAP Authentication ensures only authorized users with active usernames and passwords can access the system, while advanced data encryption ensure security and integrity.
- HDD DataOverwriteSecurity System (DOSS) automatically overwrites information using methods that conform to National Security Agency (NSA) standards.
- Web Image Monitor tracks system use and status in real-time letting you check or change printer settings, view job histories and device status, monitor toner and paper levels, reset print jobs or reboot the printer—all without ever leaving your desk.
- Control panel features an intuitive design with clearly labeled hard keys and easy-to-understand icons.

Versatile Networking Support for Any Environment

The Ricoh Aficio Color 5560V is compatible with all of the most popular computing environments, making it a great solution for the wide range of jobs produced by general business users every day.

- The 10/100BaseTX Ethernet interface allows every user to share the power of high-speed color printing, while the USB 2.0 port enables peer-to-peer device access and control.
- Optional IEEE 802.11b or Bluetooth wireless interface meets your special connectivity needs.
- Wireless connectivity simplifies printing for visitors and gives you the benefits of networked printing without a LAN connection.
- Auto Switching technology means a seamless adjustment to data streams generated by Windows®, Macintosh® or UNIX clients in mixed-network environments.
- Standard support for the Ricoh RPCS and PCL 5c/6 page description languages and drivers, with optional genuine Adobe® PostScript® 3™.

Your Environmental Partner

Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity, including:

- Quick Start-Up (QSU) Technology
- Power-Saving Sleep Mode
- Duplex and Combine Copy Modes
- Toner Recycling
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances (RoHS) Compliant

FastSimpleProductive

Standard 100-Sheet Automatic Reversing Document Feeder

Optional Cover Interposer

Optional 3,000-Sheet Finisher

Standard 100-Sheet Bypass Tray

Optional 4,000-Sheet Large Capacity Tray

Standard 2 x 1,100-Sheet Tandem Paper Tray

Standard 2 x 550-Sheet Universal Paper Trays

The Ricoh Aficio Color 5560V interface allows every user to share the power of high-speed color printing, while the USB 2.0 port enables peer-to-peer device access and control.

Desktop PC

Laptop PC

PDA utilizing Bluetooth technology

General Specifications

Printing Process	4-drum Electrostatic Transfer System with Internal Transfer Belt and Dry Two-component Development
Output Speed	Black & White: 60 ppm Full-Color: 55 ppm
Multiple Copies	1 to 999
Warm-up Time	300 seconds
First Copy Time	Black & White: 6.5 seconds Full-Color: 7.5 seconds
Copy Resolution	600 x 600 dpi
Original Type	Books/Sheets/3D Objects
Output Size	5.5" x 8.5" to 11" x 17" Full bleed output on 12" x 18"
Maximum Image Area	11.69" x 18"
Standard Paper Capacity	1,100 x 2 + 550 x 2 + 100 Bypass
Optional Paper Supply	4,000-Sheet LCT (max. capacity: 7,400 sheets)
Paper Sizes/Weights	Standard Tray 1: 8.5" x 11"/ 14 – 34 lb. Bond (52.3 – 127.9 g/m²) Standard Trays 2 & 3: Up to 12" x 18"/ 14 – 34 lb. Bond (52.3 – 127.9 g/m²) 100-Sheet Bypass: Up to 12" x 18"/ 14 lb. Bond– 140 lb. Index (52.3 – 127.9 g/m²) 4,000-Sheet LCT: 8.5" x 11"/ 14 – 34 lb. Bond (52.3 – 127.9 g/m²)
Paper Types	Plain paper, Recycled paper, Laser qualified transparencies
Duplexing	Standard
Output Tray Capacity	500 sheets
Zoom	25% – 400% in 1% increments
Reduction Ratios	93%, 85%, 78%, 73%, 65%, 50%, 25%
Enlargement Ratios	121%, 129%, 155%, 200%, 400%
Page Memory (LTR)	Document Server stores up to 3,000 documents; Maximum pages per document: 2,000 pages
Power Source	120V/20A, 60Hz
Maximum Power Consumption	Less than 1,920W
Dimensions (WxDxH)	29.5" x 33.5" x 41.3" (750 x 850 x 1050 mm) excludes standard ARDF
Weight	656.9 lbs. (298 kg) includes standard ARDF

Printer Controller Specifications (Standard)

CPU	Intel Celeron LV @ 733 MHz
Memory	1,384MB RAM Std./Max. (Shared) 4 x 80GB HDD = 320GB HDD (Shared)
Page Description Languages	RPCS, PCL 5c/PCL 6 Adobe®PostScript®3™/PDF Direct Print (optional)
PCL Fonts	PCL: 45 fonts
PostScript Fonts	136 Adobe PostScript Type 1 fonts (optional)
Print Resolution	600 x 600 dpi
Standard Interfaces	10BaseT/100BaseTX Ethernet, USB 2.0
Optional Interfaces	IEEE 1284/ECP Type A, IEEE 1394 Type B, IEEE 802.11b Wireless LAN Unit Type H, Bluetooth Type 3245 (Choose one)
Network Protocol	TCP/IP, IPX/SPX; SMB (NetBIOS over TCP/IP) Apple Talk (Auto Switching)
Drivers	RPCS, PCL 5c/6 and PS: Windows 95/98SE/NT4.0/2000/Me/XP/Server 2003 Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6 PS: Mac OS 8.6 – 9.2x, OS X 10.1 or later UNIX; Sun Solaris, HP–UX, SCO OpenServer, RedHat Linux, IBM AIX
Utilities	SmartDeviceMonitor for Administrator and Client, Web SmartDeviceMonitor, Web Image Monitor, DeskTopBinder Lite

Security Features
DataOverwriteSecurity System (DOSS) Type C (Optional): Security feature that overwrites latent data on the system's hard drive after copy, scan and print jobs.
Other Security Features: Locked (Secure) Print, SSL print, SNMP v3 support, Windows Authentication

Scanner Specifications

Scanning Resolution	Full-color mode: From 100 – 600 dpi (1,200 dpi TWAIN) Monochrome mode: From 100 – 600 dpi Default Setting: 200 dpi
Scanning Speed	Black & White: 60 spm Full-Color: 45 spm
Scan Area	Maximum: 11.69" x 17"
Original Size	5.5" x 8.5" to 11" x 17"
Protocol Supported	Network: TCP/IP; Scan-to-Email: SMTP; Scan-to-Folder: SMP, FTP
File Format	Black & White: TIFF (Single/Multi Page), PDF (Single/Multi Page) Grayscale: JPEG (Single Page) Full-Color: PDF (Single/Multi Page)
Scan-to Modes Supported	Scan-to-Email (with LDAP support), Scan-to-Folder FTP/SMB, Network TWAIN scanning

Hardware Accessories

Automatic Reversing Document Feeder (Standard)

Original Size	5.5" x 8.5" to 11" x 17"
Original Weight	Simplex: 11 lb. – 34 lb. Bond (40 – 128 g/m²) Duplex: 14 lb. – 34 lb. Bond (52 – 128 g/m²)
Original Stack Capacity	100 Sheets

Large Capacity Tray (Optional)*

Paper Capacity	4,000 sheets (Letter) 2,500 sheets (Legal)**
Paper Sizes	8.5" x 11", 8.5" x 14" **
Paper Weights	14 lb. – 34 lb. Bond (52 – 128 g/m²)

*Requires LCT Adapter
**Requires Legal size conversion kit

9-Bin Mailbox (Optional)*

Number of Bins	9
Stack Capacity per Bin	100 sheets
Acceptable Paper Size	5.5" x 8.5" to 11" x 17"
Acceptable Paper Weight	14 lb. – 34 lb. Bond (52 – 128 g/m²)

*Cannot be used with SR842 Finisher or Interposer.

SR842 3,000-Sheet Finisher w/100-Sheet Stapling (Optional)*

Number of Trays	2
Paper Sizes	5.5" x 8.5" to 11" x 17"
Acceptable Paper Weights	14 lb. Bond – 140 lb. Index (52 – 128 g/m²)
Stacking Capacity	Proof Tray: 500 sheets (8.5" x 11" or smaller) 250 sheets (8.5" x 14" or larger) Shift Tray: 3,000 sheets (8.5" x 11" or smaller) 1,500 sheets (8.5" x 14" or larger)
Staple Capacity	Up to 100 pages per set (8.5" x 11" or smaller) Up to 50 sheets per set (8.5" x 14" or larger)
Staple Paper Size	8.5" x 11" to 11" x 17"
Staple Paper Weight	17 lb. – 20 lb. Bond (64 – 84 g/m²)
Staple Positions	Top, Bottom, 2 Staple, Top Slant
Finisher Accessories	Hole Punch Unit, Jogger Option

*Requires Finisher Adapter

SR970 3,000-Sheet Finisher w/50-Sheet Stapling (Optional)

Number of Trays	2
Acceptable Paper Size	5.5" x 8.5" to 12" x 18"
Acceptable Paper Weight	14 lb. Bond – 140 lb. Index (52 – 256 g/m²)
Stacking Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Shift Tray: 3,000 sheets (8.5" x 11" or smaller) 1,500 sheets (8.5" x 14" or larger)
Staple Capacity	Up to 50 pages per set (8.5" x 11" or smaller) Up to 30 sheets per set (8.5" x 14" or larger)
Staple Paper Size	8.5" x 11" to 11" x 17"
Staple Paper Weight	17 lb. – 28 lb. Bond (64 – 90 g/m²)
Staple Positions	Top, Bottom, 2 Staple, Top Slant
Finisher Accessories	Hole Punch Unit, Jogger Option

SR4000 2,000-Sheet Finisher w/Saddle Stitch Stapling (Optional)

Number of Trays	2
Paper Sizes	5.5" x 8.5" to 12" x 18"
Acceptable Paper Weights	14 lb. Bond – 140 lb. Index (52 – 256 g/m²)
Stacking Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Shift Tray: 2,000 sheets (8.5" x 11" or smaller) 1,000 sheets (8.5" x 14" or larger)
Staple Capacity	Up to 50 pages per set (8.5" x 11" or smaller) Up to 30 sheets per set (8.5" x 14" or larger) Saddle Stitch: Up to 15 sheets
Staple Paper Size	8.5" x 11" to 12" x 18"
Staple Paper Weight	17 lb. – 28 lb. Bond (64 – 90 g/m²)
Staple Positions	Top, Bottom, 2 Staples, Top Slant, Saddle Stitch
Saddle Stitch Paper Size	8.5" x 11", 8.5" x 14", 11" x 17", 12" x 18" SEF
Finisher Accessories	Hole Punch Unit, Jogger Option

Cover Interposer Tray (Optional)*

Stack Capacity	200 sheets
Paper Sizes	5.5" x 8.5" to 11" x 17"
Acceptable Paper Weight	17 lb. Bond – 110 lb. Index (64 – 216 g/m²)

*Cannot be used with SR842 or 9-bin mailbox.

GBC StreamPunch III (Optional)*

Paper Size	8.5" x 11" LEF
Paper Weight	20 lb. Bond – 110 lb. Index (216 g/m²)
Die Sets	CombBind®, Twin Loop wire (2:1 or 3:1), ColorCoil®, VeloBind®, Three-Ring, ProClick®

*Requires SR842 Finisher.

BK5010 Production Booklet Maker (Optional)*

Paper Size	8.5" x 11" – 11" x 17"
Paper Weight	16 lb. Bond – 110 lb. Index (216 g/m²)

*Requires SR842 Finisher.

Other Optional Accessories

Copy Tray*
Tab Sheet Unit
11" x 17" Tandem Tray Converter
Legal Tray for LCT
Adobe PostScript 3 Unit Type 3260
Copy Connector Type 3260
File Format Converter Type B
*If one of the finishers is not selected, the Copy Tray is required.

Supplies

Black Toner Cartridge	36K output/cartridge (LTR 5% coverage)
Cyan Toner Cartridge	18K output/cartridge (LTR 5% coverage)
Magenta Toner Cartridge	18K output/cartridge (LTR 5% coverage)
Yellow Toner Cartridge	18K output/cartridge (LTR 5% coverage)
Staple for 100-Sheet Stapler	5,000 per cartridge
Staple for 50-Sheet Stapler	5,000 per cartridge
Staple for Saddle Stitch Stapler	2,000 per cartridge

RICOH

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R2714

Bluetooth™ Designed for Microsoft® Windows®XP @Remote USB

Java POWERED Adobe PostScript 3 Embedded Software Architecture ENERGY STAR