Aficio™ 551/700

Aficio™

The Digital Copier/Printer for
Mid- to High Volume Applications

RICOH
Image Communication

Digital Document Production at the Heart of Your Office

With the introduction of the Aficio™551 and 700 Ricoh consolidates its number one position in the mid- to high-volume sector. Designed for walk-up convenience at the heart of your busy office, or for increased productivity in your central reprographics department (CRD), these multi-functional copier/printers output at 55 and 70 pages a minute and can work in tandem for double speed productivity. The integral Document Server function provides job storage and a confidential mailbox facility for true Print-on-Demand. Add to this the choice of three optional finishing devices, including a booklet maker, and you have at your disposal the ultimate document production hub. Whether your documents are held digitally or as hard copy, the Aficio™551/700 copier/printer will reproduce them with ease and finish them with a professional touch!

Powerful Network Printing

With the addition of a print controller, the Aficio™551/700 is transformed into an incredibly powerful network printer. Instead of printing locally and then copying document sets, print them directly from PC to the Aficio™551/700 taking advantage of its high-volume paper input and finishing features.

High-volume Printing

Printing at an outstanding 55 or 70 pages per minute, the Aficio™551/700 is perfect for mid- and high-volume print jobs. After sending your job from your PC, the highly efficient printer controller starts printing while ripping. This feature and the "Rip Once, Print Many" technology will enhance your workflow, especially when you regularly print large files. Moreover, when you use the Aficio™551/700 as a network printer, you can enjoy all the features of the copier, such as its large paper capacity and wide range of finishing possibilities.

Print to Mailbox

The Aficio™551/700 is designed for departmental use. So, opting for the 9-bin mailbox can offer you many benefits. Lots of people will share this printer/copier, and it could take a while to retrieve your own documents from the stack of output. The mailbox solves this problem, as it allows you to direct output to one of nine collection bins. You will no longer have to shift through all documents to find your own.

Top Quality Output

As the printer controller of Aficio™551/700 supports PCL6 as a standard and Adobe® PostScript® 3™ as an option, it can easily translate your files into crisp and clear printed output. With a standard print resolution of 600 dpi, and up to 2,400 dpi with edge smoothing, the Aficio™551/700 always delivers immaculate results.
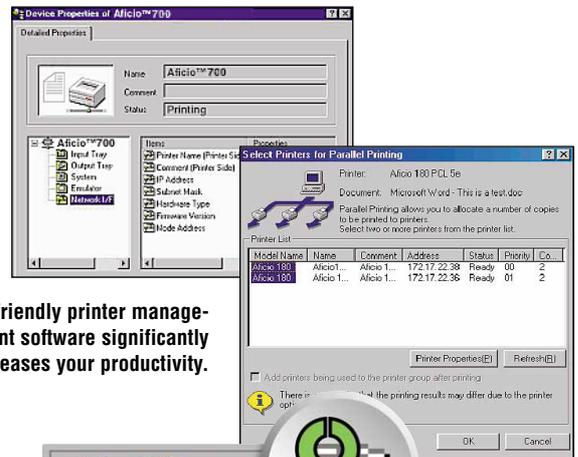
Manage Your Network Printing

The Aficio™551/700 printer module includes a comprehensive package of printer management software that can significantly increase your productivity. Ricoh's Aficio™ Manager is user-friendly software that allows users and administrators to monitor and control networked Aficio™ multifunctional products and printers from their desktop. Wherever these peripherals are located, it is as though they are right beside you. The driver also includes PortNavi™, a port status monitor software with Direct Print (printing independently from the network OS), Recovery Printing (automatic search for a substitute printer) and Parallel Printing (to divide a print job over more than one printer) to notify users when an error occurs on any of the network printers.

With the mailbox you can direct output to one of nine collection bins.

Even for the largest jobs, the Aficio™551/700 printer always delivers immaculate output.

User-friendly printer management software significantly increases your productivity.
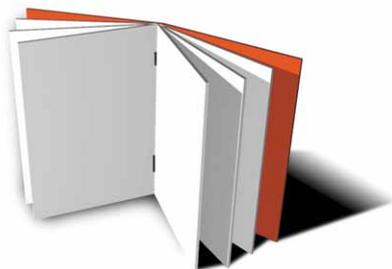
Advanced Finishing Capacities

Today's office demands professional finishing capabilities. Offering a choice of three optional finisher units, the Aficio™551/700 can meet these finishing demands. Two 3,000-sheet finishers can staple and punch sets of up to 50 or 100 sheets, whilst the 1,000-sheet finisher enables you to make professional booklets.

You can create professional-looking documents.

The Aficio™551/700 can meet all your finishing demands.

Professional Booklet-making

Ricoh provides the perfect finishing solution for presentation materials, reports and manuals. When configured with the SR750 Booklet Maker/Finisher, the Aficio™551/700 will deliver professionally finished booklets of up to 60 pages. The booklet maker staples each copy set across the spine and folds it ready-for-use. Even coloured cover sheets can be added to your booklets.

Productive Stapling/Punching

The Aficio™551/700 can be equipped with one of two highly advanced 3,000-sheet finishers, the SR740 and the SR810. Both allow you to finish your documents professionally and staple in 4 different positions, the dual position SR810 stapling, without loss of productivity. Mixed-size sets are easily stapled and while one set is being stapled, the first page of the second set is already waiting on the pre-stack path. Depending on your requirements, you can also opt to have either a 2-hole or 4-hole puncher installed. The new SR740 finisher can handle documents of up to 50 sheets, and the SR810 up to 100 sheets. The SR740 can be combined with the CS360 Mailbox, making it an ideal solution for network printing and copying in a general office environment.

Copy onto Tab Sheets

In the small and mid-size CRD environment in need of durable finishing capabilities, Ricoh has got an answer too. Equipped with the 3,000-sheet finisher SR810 with 100-sheet stapler, the Aficio™551/700 effortlessly supports heavyweight paper, including tab sheets. Automatic insertion of tabs will save you a lot of time otherwise spent on manual insertion. By adding tab sheets you can clearly see where the next chapter starts. With this configuration you cannot only add tab sheets, you can also copy effortlessly on the tab. With automatic digital shifting of original images to fit the tab profile, you can be sure your tab will always look professional.

Add Cover/Slip Sheets

You can also chapterise your document by adding coloured slip sheets. The slip sheet mode on the Aficio™551/700 allows you to add slip sheets into document sets or between OHP film copies. Slip sheets and inserts are easy to programme with the Aficio™551/700. The Chapterisation function on the Aficio™551/700 will make sure that if you are printing from simplex to duplex, each first page of a chapter is on the right hand side. In addition, you can opt to add covers and insert sheets of different colours into one job.

The Aficio™551/700 can deliver booklets of up to 60 pages (A5).

The SR740 finishing unit with CS360 Mailbox for networked groups.

The SR810 large capacity finishing unit offering 100-sheet stapling for high-volume needs.

The Aficio™551/700 configured with the SR750 finisher for booklet making.

Awesome Productivity

If you want to produce a large number of documents at high speed, the Aficio™551/700 is the perfect solution. Not only does it offer a fast copying/printing speed; it also has an impressive paper capacity and an optional Copy/Print Connector Kit for enhanced productivity.

The tandem tray has a large paper capacity of 3,100 A4 sheets.

High-speed Copying/Printing

The Aficio™551/700 makes short work of time-consuming copy/print jobs. With a spectacular first copy time of less than 3.5 seconds and a continuous speed of 55/70 A4 pages per minute, this digital copier/printer performs at class-beating productivity levels. With "Scan Once, Print Many" technology your originals are scanned or sent just once and stored in memory with all job settings for high-speed printing and copying. What's more, the Aficio™551/700's Real Digital technology ensures that high-speed output does not compromise high quality performance.

High-volume Paper Capacity

The Aficio™551/700 completes demanding jobs in one smooth run. With an amazing standard input capacity of 4,250 sheets, and an optional 3,500-sheet large capacity tray, this copier is ideal for your large volume requirements. The tandem tray with a capacity of 2 x 1,550 A4 sheets is conveniently situated as top paper station for easy refilling, even during a copy/print job. Moreover, the new-design universal tray accepts multiple paper sizes from A5 up to A3.
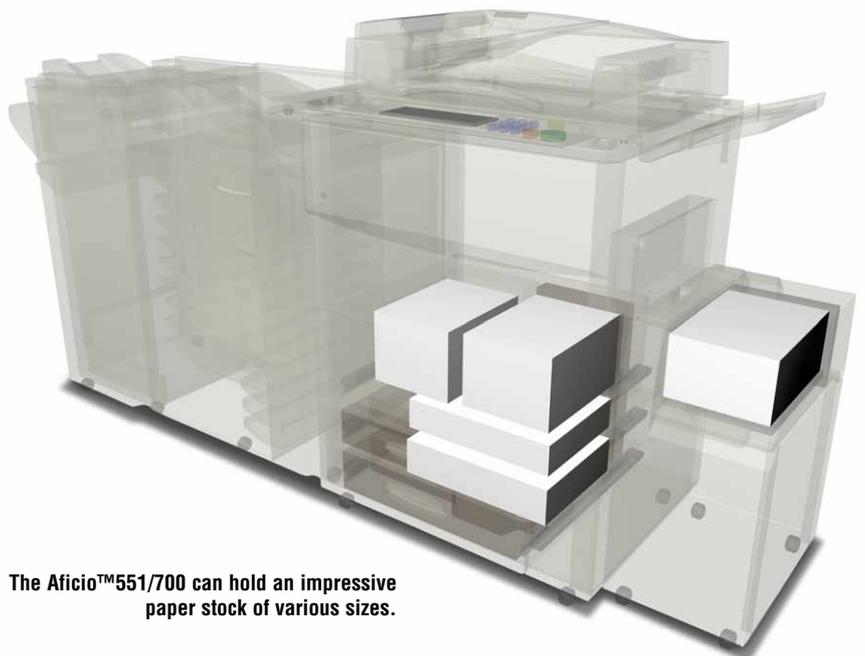
Highly Productive Duplex

The Aficio™551/700 has a stackless duplex system for unlimited double-sided output. Using a fast processing memory, double-sided output can now be produced at 60 cpm (Aficio™700) and 50 cpm (Aficio™551).

Continuous Original Input

The Auto Reverse Document Feeder takes up to 100 sheets of single or double-sided originals. Should 100 sheets not be enough, or should your document consist of different originals, the Aficio™551/700's Batch Mode will help you out. This mode allows you to scan documents of up to 1,000 pages into memory and copy them as one set. Large jobs can now be printed in a single run, and what's more, up to 8 jobs can be pre-set to run one after the other!

Enhance Productivity with Copy/Print Connect

When your organisation is looking for both high output speed and flexibility, you can opt for the intelligent Aficio™ Copy/Print Connector Kit. This allows you to link two Aficio™551/700 copiers/printers together, and double the output speed to up to 140 pages per minute! Even if one machine goes off-line, the "connect job" will be completed by the other. This Aficio™ Copy/Print Connector Kit option offers both flexibility and high speed.

The Aficio™551/700 can hold an impressive paper stock of various sizes.

Enhanced Performance with the Document Server

To provide full control of your paper management, Ricoh includes a powerful Document Server as an integral part of the Aficio™551/700. It enables you to store print and scanned data, along with job settings to the mainframe's hard disk for access and reproduction whenever required.

Print On Demand

The Ricoh Aficio™551/700 is equipped with a highly advanced Document Server. This allows you to store up to 200 regular jobs with their job settings on the hard disk for retrieval at any time. After scanning your originals and selecting job settings, you can store them in the Document Server. So there is no longer a need to keep hard copies of frequently used forms and documents for future reproduction. At the touch of a button you can print each job on demand, saving operator time and reducing storage space. This means the end of large paper document storage and excess output!
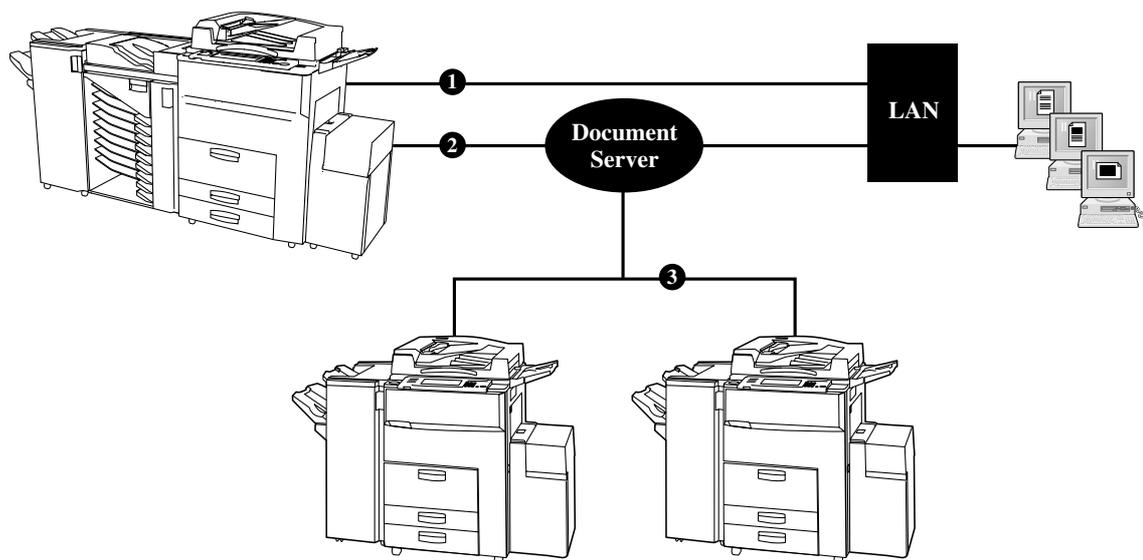
More Printing Possibilities

The Document Server delivers a host of additional benefits. It allows you to programme complex jobs with different originals (simplex/duplex, different paper stock) as one job. Moreover, individual jobs can be given a specific name. The Document Server also allows you to merge several electronic formats – Word, PowerPoint, Excel, etc. – and print them in one set. In addition, the Document Server doubles as an Electronic Mailbox receiving and storing print files for later output, giving users the ability to promote or demote jobs in the print queue. The Document Server can also be used with the optional Copy/Print Connect Kit for double speed output of stored jobs.

Secure Printing

If you do not want other people viewing or taking your prints, you can make use of secure printing. When sending your documents to the Document Server, you can protect them with a password or a code. At the copier/printer simply input your code to print your confidential document.

❶ **Printing directly from the local area network to the Aficio™551/700.**

❷ **Printing via the standard Document Server (for secure printing, printing on demand etc.).**

❸ **Printing via the Document Server to the two Aficio™551/700 in copy connect mode, where the jobs are output simultaneously by both units (even if one unit runs out of consumables the other will finish the entire job).**

Incredibly Easy to Use

You don't need to spend hours figuring out how to operate the machine. The Aficio™551/700 is designed to make life easy for you. With its straightforward LCD panel it will only take you a few seconds to programme your job, and replenishing toner and paper is a piece of cake. The user-friendliness of the Aficio™551/700 will save you hours of frustration.

The paper size adjuster is located at the front of the universal tray.
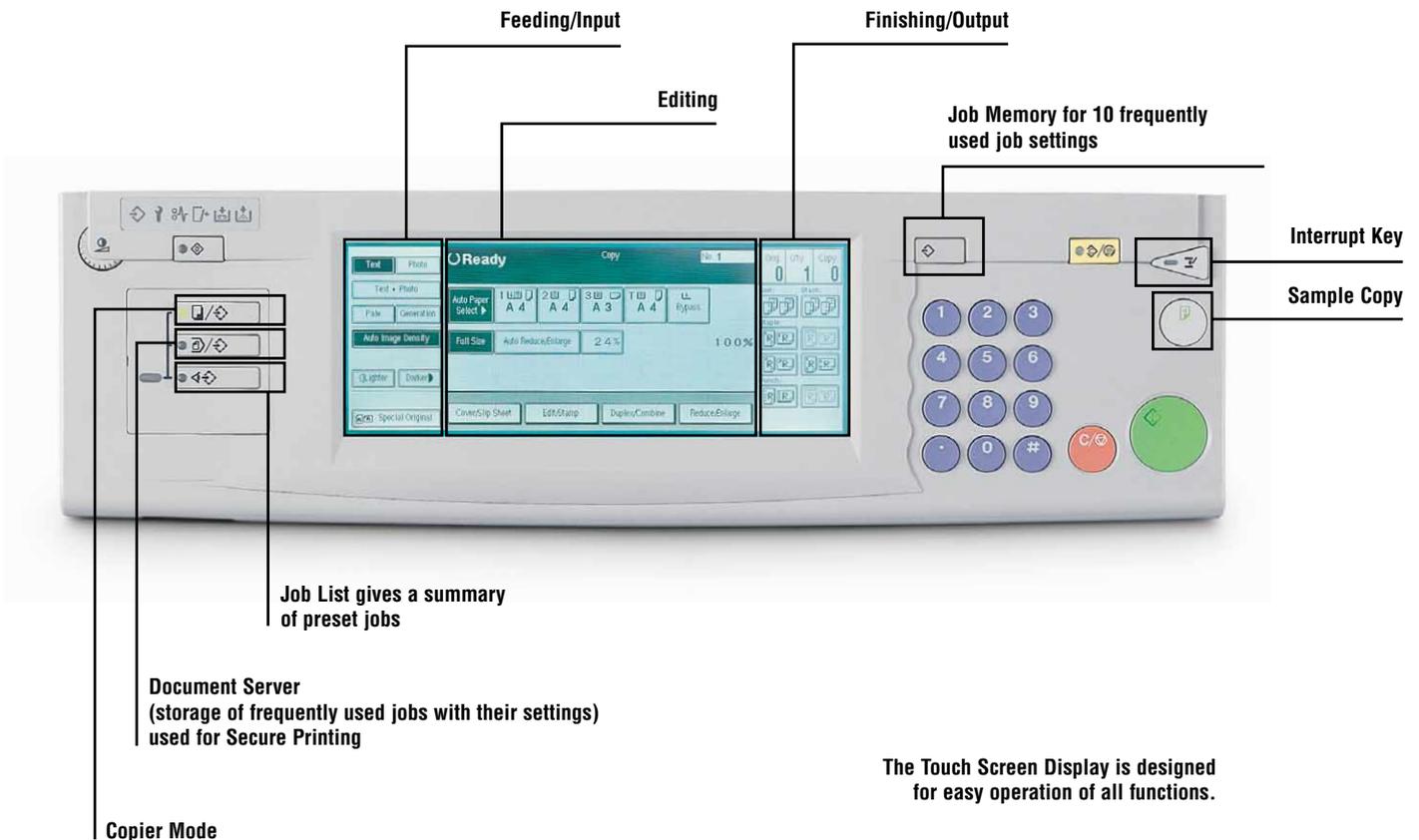
Large Touch Screen Display

The excellent user interface on the operation panel has been designed in such a way that even occasional users have little trouble using the Aficio™551/700. Keys are logically arranged and almost all settings can be made from the first screen of the LCD. On the left side you can choose different original handling settings to obtain the best output results. Editing functions can be easily selected in the middle part of the screen, while finishing options are located on the right hand side. The machine's operational status is always visible from the top bar on the screen. Whether you want a simple copy run or flawlessly finished documents, programming will take no effort at all.

Convenient Universal Tray

For enhanced convenience and increased flexibility, the Aficio™551/700 comes equipped with a user-adjustable universal paper tray. It is easy to change the paper size setting with a paper size adjuster located at the front of the tray. The universal tray will feed paper from A5 size up to A3.

Feeding/Input

Finishing/Output

Editing

Job Memory for 10 frequently used job settings

Interrupt Key

Sample Copy

Job List gives a summary of preset jobs

Document Server (storage of frequently used jobs with their settings) used for Secure Printing

Copier Mode

The Touch Screen Display is designed for easy operation of all functions.

Aficio™ 551/700

Specifications

General

Configuration:	Console
Printing Process:	Two laser beam scanning & Electro-photographic printing
Reading Element:	Flatbed with moving CCD array image-sensing
Main Functions:	
Standard:	Copier/Document Server
Option:	Printer
Warm-up Time:	Less than 330 seconds
First-copy Time:	Less than 3.5 seconds
Continuous Copying Speed:	55/70 cpm
ADF 1 to 1 Speed:	55/70 cpm
Memory Capacity:	RAM 48 MB
	HDD More than 4.3 GB
Resolution (copier/scanner):	600 dpi
Grey Scales:	
Scanning:	256 levels
Writing:	4 levels
Original Size:	Max. A3
Paper Size:	A3 - A6
Paper Capacity:	
Standard:	4,250 sheets
Option:	3,500-sheets large capacity tray
Paper Weight:	
Front trays:	52 - 127 g/m^2
Bypass with SR740/750:	52 - 157 g/m^2
SR810:	52 - 200 g/m^2
Duplex:	64 - 104 g/m^2
Copy Number Input:	Ten keys, from 1 to 999
Reduction:	93, 82, 75, 71, 65, 50%
Enlargement:	115, 122, 141, 200, 400%
Zoom:	25 - 400% (in 1% steps)
Output Tray Capacity:	500 sheets (A4)
	250 sheets (A5/A3)

ARDF

Stack Capacity:	100 sheets
Original Size:	A5 - A3
Original Weight:	52 - 156 g/m^2
Scanning Speed:	55/70 opm

Finishing Options

SR740/SR810

Paper Size:	A6 - A3
Paper Capacity:	Proof tray 250/500 sheets and Shift tray 3,000 sheets
Stapling:	Max. 50/100 sheets
4 staple positions:	Top, top slant, bottom, 2 staples
Optional Hole Puncher:	2 or 4 holes/4 holes (Swedish Style)

SR750 Booklet Finisher

Paper Size:	A5 - A3
Paper Capacity:	
Shift tray:	1,000 sheets
Proof tray:	150 sheets
Book tray:	25 sets (1 - 5 sheets per set)
Saddle Stitch Function:	Staple capacity 15 sheets, centre folding (Book tray)
Stapling:	Max. 50 sheets
3 staple positions:	Top slant, bottom, 2 staples

Options

- 2-hole punch*
- 4-hole punch*
- 4-hole punch (Swedish Style)*
- 9-bin Mailbox (CS360), only with SR740
- Output Tray Type 700
- Copy Connector Type 700
- Printer Controller Type 700
- NIB Type 450E Ethernet 100/10 Base T
- Large Capacity Tray (RT37): 3,500 sheets

Except SR750

Other Features

- Stamping
- Tab Sheet Copying
- Magazine and Booklet Mode
- Cover Sheet/Slip Sheet Mode
- Paper Designate
- Chapters

Printer Specifications

Print Speed:	55/70 ppm
Printer Language:	
Standard:	PCL6 (5e + XL)
Option:	Adobe® PostScript® 3™
PCL Driver OS:	Windows® 95, 98, 2000, NT 4.0
PS Driver OS:	Windows® 95, 98, 2000, NT 4.0, Macintosh®
Resolution:	
PCL5e:	600/2,400 dpi
PCL6:	600 dpi (binary)
PostScript® 3™:	600 dpi (binary)
Memory Capacity:	
Standard:	32 MB
Max:	256 MB
Network Protocol:	TCP/IP, IPX/SPX, Apple Talk

Ricoh has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Ricoh believes in conserving the earth's precious natural resources. This brochure is printed on environmentally friendly paper.

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