

SHARP

AR-M236/AR-M276

A3 Mono Laser Copier/Printer



THE HUB OF YOUR OFFICE



SHARP **DOCUMENT** SOLUTIONS



MULTI-TASKING WHEN YOU NEED IT

MEETING THE PROFESSIONAL DEMANDS OF THE OFFICE

The Sharp AR-M236 and AR-M276 are the total solution to your busy office document needs. The efficient flow of printed information remains a critical business requirement.

The AR-M236 and AR-M276 have been designed with the specific requirements of the workgroup department in mind to ensure that the input, throughput and output of hard copy and electronic documents is made as easy as possible. Offering 23 or 27 prints per minute and a fast first copy out time of only 4.8 seconds these two devices will easily cope with fast document production. Laser technology, true 1200dpi resolution and the latest digital features ensure that whether for internal or external distribution, your copies and prints will be professional to the end.

A standard printer board means that the AR-M236 and AR-M276 offer multifunctionality from the start - a sophisticated copier and printer in one.

In addition to the standard functions, a range of options can also be added to ensure that you have the correct features to meet your needs whether it is scanning, additional paper supply or on-line finishing plus the capability of creating a highly efficient network printer for multiple users.

Whatever your requirements the AR-M236 and AR-M276 will enable you to run your business professionally.

Ease of Use

The AR-M236 and AR-M276 have been designed with the user in mind. Accessing the many features on the LCD touch panel display could not be simpler. All the main functions are easily identifiable through the icon based front screen, with more sophisticated features being accessed through logical sub menus. Even for users who are new to the AR-M236/AR-M276, the intuitive touch panel enables them to understand the features available at a glance.



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KEY FEATURE BENEFITS

Job Build

Allows you to scan large-volume documents and print the combined file as one complete set.

Pamphlet Copy

With standard in-built memory the AR-M236/AR-M276 allows you to copy single sheet originals and produce A5 or A4 paginated pamphlets with *saddle stitching and folding.

Cover Insertion

Create professional looking documents by automatically selecting covers from an alternative paper tray.

Sophisticated Finishing and Sorting

Create professionally finished documents with an on-line offset staple finisher and with standard sorting you can easily collate multiple sets of documents.

High Speed Scanning

With the optional 100 sheet Reversing Single Pass Feeder (AR-RP7) fitted, the AR-M236/AR-M276 allow you to feed multiple pages for copying or scanning documents for electronic distribution. With a network scan speed of 40opm the scanning option also supports LDAP (Lightweight Directory Access Protocol).

Touch Panel LCD

The sophisticated functions of the AR-M236/AR-M276 are simply accessed via the LCD touch screen display.

Duplex

The standard duplex unit saves you both time and money, allowing you to produce double sided copies and prints automatically.

Printing On Hand

The AR-M236/AR-M276 come as standard with printer capability, making these devices truly multifunctional. Plus the optional network card makes this a highly efficient network printer for multiple users.

Extensive Paper Supply

Standard 2x500 sheet paper cassettes and 100 sheet by-pass capable of handling 200gsm paper stock. Additional paper cassettes can be added to give a total paper supply of 2100 sheets.

Digital Automatic Exposure Control

With a true 1200dpi laser engine and sophisticated automatic exposure control you can be assured of optimum copy quality.



* saddle stitch finisher option (AR-F14) available 2004.



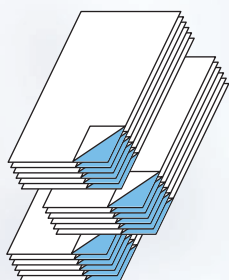
PRODUCTIVITY AT THE CENTRE OF YOUR OFFICE

Exceptional Output Quality

The AR-M236/AR-M276 are capable of producing the highest quality copies and prints thanks to their **1200 x 1200dpi** copy/print resolution in super photo mode, meaning that your documents, whether for internal or external distribution will be crisp and clear every time.

Flexible Operation

With **32Mb RAM as standard, expandable to 1,056Mb**, this in-built RAM offers a number of digital benefits including SOPM (**scan-once-print-many**) which enables you to scan a multi-page document once and you can return to your workstation whilst the machine prints out the number of sets required. This saves time and wear and tear on originals. In addition **standard electronic sorting** enables you to create multiple sorted sets of documents and an in-built offset shifter ensures that sets of documents are separated for easy distribution.

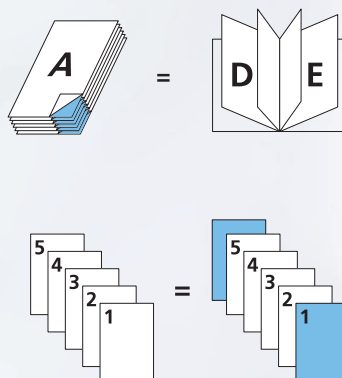


Increased Efficiency

Provided as standard, a limitless **duplex pass** enables fast production of double sided prints from either single sided or double sided originals. An **optional RSPF (Reversing Single Pass Feeder)** will feed and scan up to 100 single sided or double sided originals automatically, which is useful for either copying large sets of documents or scanning multiple pages for electronic distribution. With **Job Build** you can copy a document with over 100 sheets by storing batches of originals in the memory and printing the combined file as one complete set.

The in-built memory also enables features such as **Pamphlet Copy** to be accessed, allowing you to copy single sheet originals and produce A5 or A4 paginated booklets.

Cover Insertion allows you to automatically select covers from an alternative paper tray to create professionally completed documents.



Configure to Your Requirements

The AR-M236/AR-M276 come as standard with 2x500 sheet cassettes and a 100 sheet by-pass (capable of feeding up to 200gsm stock) offering you three paper sources and enabling you to feed paper from A3 to A6R size. It is possible to add a further two paper cassettes giving you five paper sources in total from which to copy/print up to 2100 sheets. The advantage of having a modular machine is that you can upgrade your device as and when your requirements change or when your copy/print volumes increase.

In addition to a flexible paper supply the AR-M236/AR-M276 also offers productivity enhancing optional **Staple Finisher (AR-FN5N)** and ***Saddle Stitch Finisher (AR-F14)**.

* saddle stitch finisher option (AR-F14) available 2004.



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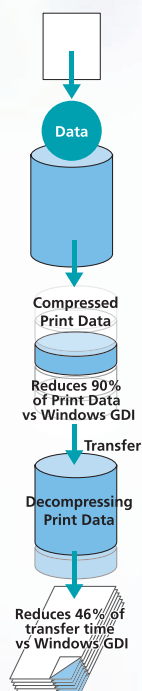


PRINTING ON DEMAND

Truly Multifunctional

The AR-M236/AR-M276's standard printer capability enables you to use your device as a high speed, high quality laser printer from the start. Utilising the unique **SPLC (Sharp Printer Language with Compression)**, fast and efficient printing is available "out of the box" for single user or peer to peer networks. This printing function utilises either the in-built **USB 2.0 port** or **IEEE 1284 bi-directional interface**.

SPLC Data Flow

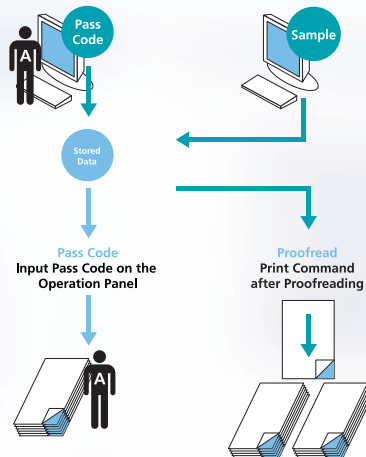


Sophisticated Print

Where LAN environments exist, an **optional PCL6 Printer Board (AR-P17) with integral NIC (Network Interface Card)** can be added to create a highly efficient network printer for multiple users.

The **confidential print** feature allows you to send and store a print job with an assigned PIN code. Only when you walk up to the machine and enter the corresponding PIN code will your job be printed.

The **proof print** function also allows you to send a multiple print job to the AR-M236/AR-M276 where only one set will be printed allowing you to check that the settings you selected via the print driver give the desired finished document before you print the remaining sets. This feature saves time and paper wastage.



The **carbon copy** feature allows you to create your own multi-part invoices and purchase orders, so there's no need to outsource printing or to use devices like dot matrix printers. The AR-M236/AR-M276 will conveniently print in a collated order on selected colour paper.

The AR-M236/AR-M276 gives you powerful printing functions such as **web and e-mail printing** which allows you to select and send PDF/TIFF files directly to your printer without having to open the application and printer driver first.

It is even possible to integrate an **optional Postscript 3 driver** should this be required, in Macintosh environments for example.

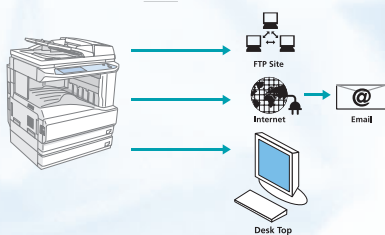
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DOCUMENT MANAGEMENT

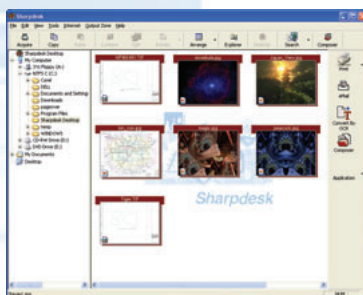
Input, Throughput, Output

The AR-M236/AR-M276 can be used as an input device to convert hard copy documents into electronic format thanks to their 40opm **high speed scanning facility** and **100 sheet document feeder**.

With the **optional scanning kit**, you can send electronic data scanned via the AR-M236/AR-M276 to pre-set e-mail addresses, ad-hoc e-mail addresses, FTP sites and/or to a desktop PC at the touch of a key.



Sharp's own document software, **Sharpdesk™**, comes bundled with the optional scanner kit and enables electronic documents to be sent directly to your desktop PC. From here you are able to browse, sort, search and file. It also allows you to easily create and distribute complete reports, proposals, and more utilising a simple drag and drop operation.



The scanning option also supports **LDAP (Lightweight Directory Access Protocol)** which means that if your e-mail server is SNMP compliant, e-mail addresses will automatically be updated on the LCD touch screen of the AR-M236/AR-M276 as and when your central e-mail server is updated. This feature saves a substantial amount of time not having to re-programme the machine and ensures the e-mail address book on the AR-M236/AR-M276 is always up to date.

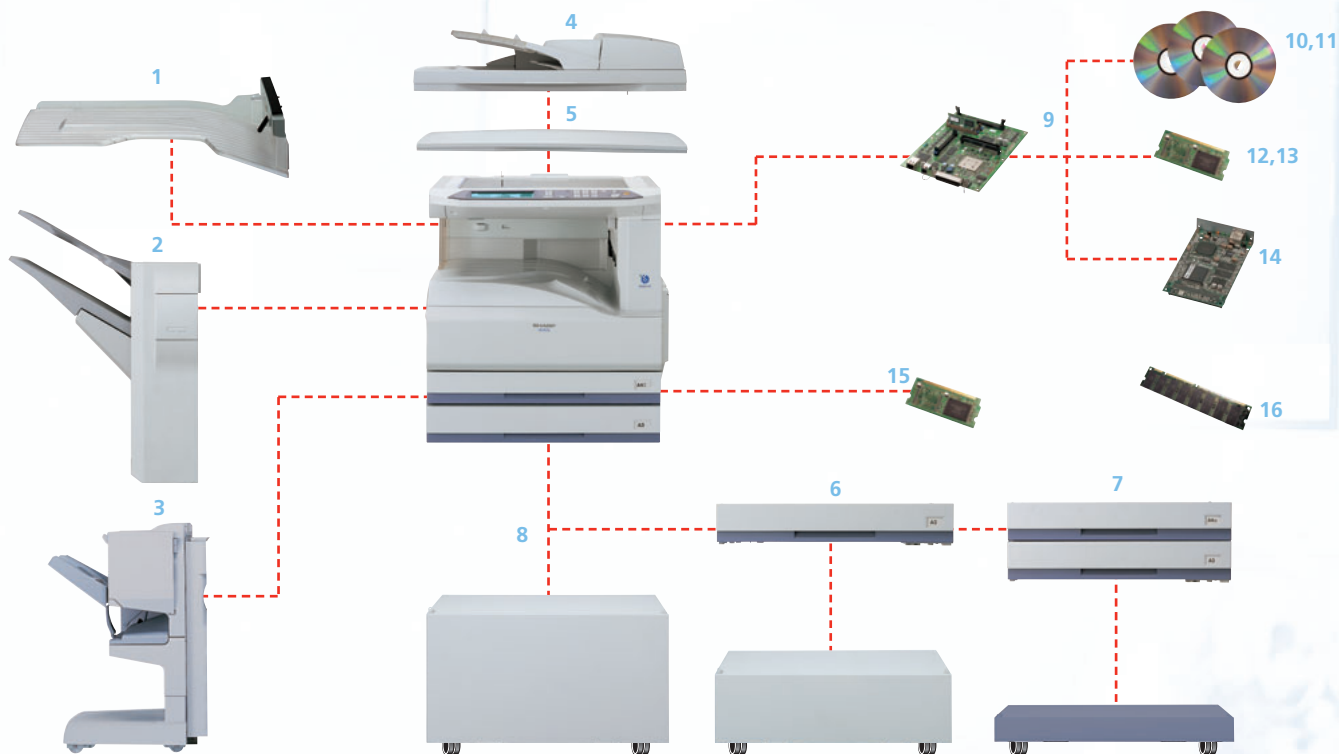
Job Status and Monitoring

As such it is imperative that the workgroup using the AR-M236/AR-M276 should be able to assess the status of the device at any given time. **Sharp Printer Administration Utility** and **Status Monitor software** do just this. Whether you are a network administrator or a user, these software utilities enable you to interrogate the device across the network and assess the status of the device before you send a print job. Status Monitor lets you know whether the machine is on-line or off-line and even how much paper is remaining in the cassettes.

E-mail Status and Alert

Sharp's unique e-mail alert utility further improves the level of feedback you are able to get from the AR-M236/AR-M276 and can actually pre-empt minor problems. An e-mail will automatically be sent to a key operator advising that the toner may be low allowing them to replace this item in advance, or that a service may be required in the near future.

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OPTIONS

VALUE-ADDED OPTIONS FOR
THE AR-M236 AND AR-M276

FINISHING

- 1. AR-TR3 Job Separator**
Up to 100 sheets (56-105gsm) can be separated from the main exit tray.
- 2. AR-FN5N Staple Finisher**
100 sheet upper tray, 1000 sheet lower tray (52-200gsm) offset finisher. Up to 30 sheet single staple facility (upper front left corner).
- 3. AR-F14 Saddle Stitch Finisher**
(available 2004)
1000 sheet tray (52-200gsm), offset finisher, up to 50 sheet multi-position staple, saddle stitch with folding, optional hole punch unit.

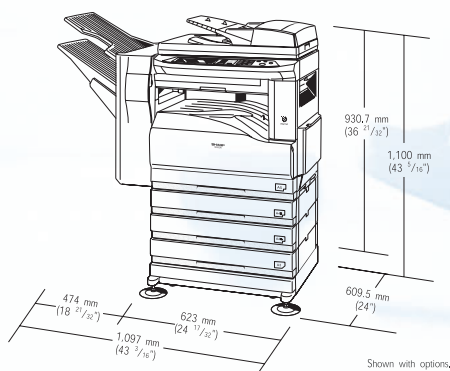
AR-PN1A 2 Hole Punch Unit
AR-PN1C 4 Hole Punch Unit
AR-PN1D 4 Hole Wide Punch Unit

BASE UNIT

- 4. AR-RP7 Reversing Single Pass Feeder (RSPF)**
40 A4 originals per minute. Single pass document feeder for up to 100 originals (35-128gsm simplex, 52-105gsm duplex).
- 5. AR-VR6 Platen Cover**
For use when a document feeder is not fitted.
- 6. AR-D21 1x500 Sheet Paper Cassette**
Capable of feeding an additional 500 sheets between A5-A3 (56-105gsm).
- 7. AR-D22 2x500 Sheet Paper Cassette**
Capable of feeding an additional 2x500 sheets between A5-A3 (56-105gsm).
- 8. Cabinets**
There are 3 cabinets available.
AR-DK61/W Cabinet for 2 cassettes
AR-DK62/W Cabinet for 3 cassettes
AR-DK63/W Cabinet for 4 cassettes

CONNECTIVITY BOARD

- 9. AR-P17 PCL Printer Board including NIC**
Enables PCL printing and incorporates ethernet network interface card (TCP/IP only).
- 10. AR-PK1N PostScript 3 Kit**
Enables PostScript printing.
- 11. AR-NS2 Network Scanner Kit**
Enables scanning to desktop, FTP and/or e-mail.
Additional licence for Sharpdesk
AR-U11M x 1 user
AR-U15M x 5 user
AR-U1AM x 50 user
AR-U1BM x 100 user
- 12. AR-PF1 Barcode font kit**
Barcode and OCR font kit.
- 13. AR-PF2 Flash Kit**
Additional font/form storage kit.
- 14. AR-NC5J Network interface card**
Enables PCL printing for protocols other than TCP/IP.
- 15. AR-FR12 Data Security Kit**
(available 2004)
- 16. Memory Expansion**
AR-SM5 256Mb
AR-SM6 512Mb



SPECIFICATIONS AR-M236/AR-M276

COPIER

Base Engine	
Type	Desk Top
Technology	Laser
Paper Size - Max	A3
Paper Size - Min	A5 (A6 via by-pass)
Total Cassettes - Std	2
Total Cassettes - Max	4
Total Sheets - Std	1100
Total Sheets - Max	2100
No of Sheets (Bypass - 80gsm)	100
Paper Weight (gsm)	56 (52 via by-pass) 105 (200 via by-pass)
Memory - Std (Mb)	32
Memory - Max (Mb)	1,056
Output Capacity (A4 sheets)	500
Warm Up Time (secs)	23
Duplex	
Paper Size - Max	A3
Paper Size - Min	A5
Paper Capacity	Unlimited
Paper Weight (gsm)	56-105
Copier	
Copy/min (A4)	23/27
Copy/min (A3)	12/15
First Copy Out (Secs)	4.8
Max. Original Size	A3
Max. Qty. Select	999
Resolution - Output (dpi)	1200
Gradations	256
Zoom Range	25-400%
Preset Zoom Ratios	25/50/70/81/86/100/115/122/141/200/400%
Exposure Mode	Auto, Text, Text/Photo, Photo, Super photo
Manual Exposure Mode	5 levels (Text, Text/Photo, Photo, Super photo)
Copier Functions	Auto Paper Select, Auto Magnification Select, Auto Tray Switch, Total Counter, Account Control (100), Image Rotation, Multishot 2 in 1 / 4 in 1 Function, Edge Erase, Centre Erase, Margin Shift, Job Build, Pamphlet Copy, Cover Insertion, OHP Insertion, Job Program (9), Dual Page Copy, Stream Feeding Mode, X-Y Zoom, E-Sort Copy
General	
Dimensions - Main Unit - WxDxH (mm)	623 x 609.5 x 640.5
Weight (kg)	39.8
Power Consumption Max (kW)	1.2
Operating Noise Level (B)	6.6
Options	
AR-RP7	RSPF Document Feeder
AR-VR6	Platen Cover
AR-D21	1x500 Sheet Paper Cassette
AR-D22	2x500 Sheet Paper Cassette
AR-DK61/W	Cabinet for 2 cassettes
AR-DK62/W	Cabinet for 3 cassettes
AR-DK63/W	Cabinet for 4 cassettes
AR-TR3	Job Separator
AR-FN5N	Staple Finisher
AR-FR12 (available 2004)	Data Security Kit
AR-F14 (available 2004)	Saddle Stitch Finisher
AR-PN1A	2 Hole Punch Unit
AR-PN1C	4 Hole Punch Unit
AR-PN1D	4 Hole Wide Punch Unit

PRINTER

Printer Standard	
Print/min	23/27
Print Resolution (dpi)	1200
Page Description Language	SPLC (GDI with JBIG compression)
Operating Systems	Windows 95/98/Me/NT4.0/2000/XP
Interface - Std	IEEE 1284, USB 2.0
Printer Functions	Duplex Printing, Binding Edge, 2 in 1 / 4 in 1 Function, N-up Border, Image Orientation, Fit to Page, Watermark, Image Adjustment
AR-P17 PCL Printer Board (option)	
Print/min	23/27
Print Resolution (dpi)	1200
Page Description Language	PCL5e/PCL6/PS3 (opt. AR-PK1N)
Operating Systems	Windows 95/98/Me/NT4.0/2000/XP
Printer Memory - Std (Mb)	Mac OS 8.6-9.x, 10.1 or later (opt. AR-PK1N)
Printer Memory - Max (Mb)	64
Interface - Std	320
PCL Font	10/100Tx NIC (TCP/IP only)
Printer Functions	80 Fonts
Options	ROPM (RIP Once-Print-Many), Duplex Printing, Binding Edge, Pamphlet Copy, Confidential Print, Proof Print, PDF/TIFF Web and E-mail Printing, Cover Sheet Mode, Margin Shift, X-Y Zoom, Overlay, Auto Configuration, 2 in 1 / 4 in 1 Function, N-up Border, Image Orientation, Fit to Page, Watermark, Image Adjustment, Font/Form Download, Continuous Printing
Options	
AR-NC5J	Network Interface Card
AR-PK1N	PostScript 3 Kit
AR-PF1	Bar Code Font Kit
AR-PF2	Flash ROM Kit (8Mb)
AR-NS2	Network Scanner Expansion Kit
AR-SM5	256Mb Memory Expansion
AR-SM6	512Mb Memory Expansion
SCANNER	
AR-NS2* Network Scanning (option)	
Original Scan Size - Max	A3
Scanning Mode	Scan via Operation Panel, Pull Scan via TWAIN application
Resolution (dpi)	600, 300, 200
File Formats	TIFF, PDF, JPEG
Utility Software	Sharpdesk with 10 user licences
Operating Systems	Windows 95/98/Me/2000/XP
* AR-NS2, AR-P17 and Memory Expansion is required for full network scanning capability.	
Options	
AR-U11M	Sharpdesk Single User Licence
AR-U15M	Sharpdesk Five User Licence
AR-U1AM	Sharpdesk 50 User Licence
AR-U1BM	Sharpdesk 100 User Licence

SHARP



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