

SHARP®

Digital
iMAGER™
Advanced Workgroup System

AR- (M) 350/450

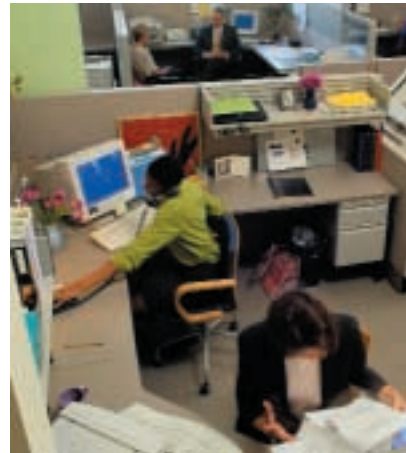
multi-tasking



Introducing the Sharp AR-M350/450 Digital Imager Advanced Workgroup System.

Multi-tasking. It's the key to maximizing productivity, allowing your business to respond to shifting demands and evolving conditions. And nowhere in today's fast-paced business environment is the need for this flexible efficiency more evident than in the area of information management.

That's why Sharp created the AR-M350/450 Digital Imager—a fully networkable, user-friendly, multifunction copier/printer/scanner/fax that allows you to control information in ways never before possible. Combining best-in-class functionality with split-second flexibility and exceptional image quality, the AR-M350/450 Digital Imager gives you the power to generate, duplicate, integrate and disseminate information quickly, seamlessly and securely.



Amazing functionality, simple connectivity and exceptional productivity, the Sharp copier/printer/scanner/fax Imager.

SHARP®

The Power of Productivity

At 35/45 copies per minute and continuous copy output of up to 3,100 pages, the Sharp AR-M350/450 Digital Imager is able to keep up with even the busiest workgroups. With its high-performance engine and scan-once, print many technology, the Sharp AR-M350/450 Digital Imager can streamline office workflow like never before.

The AR-M350/450 Digital Imager also offers crisp 600 dpi resolution enhanced by a special smoothing technology that creates image quality equivalent to 1,200 dpi. For increased functionality, features include a user-friendly alpha-numeric touch screen, enlargement and reduction capabilities ranging from 200% down to 25%, and a time-saving Duplex Single Pass Feeder, for fast, efficient two-sided copying. For more complex needs, the AR-M350/450 Digital Imager offers advanced image editing functions, and

such optional finishing capabilities as hole punching, multi-position stapling, and saddle stitching/folding. In addition, an optional Two-Tray Sorter/Stapler provides 30-sheet stapling in three positions. And for convenient versatility, the Multi-Purpose Paper Tray handles special print media including envelopes, overhead transparencies and heavy cover stocks. Copying has never been so easy—and so productive.



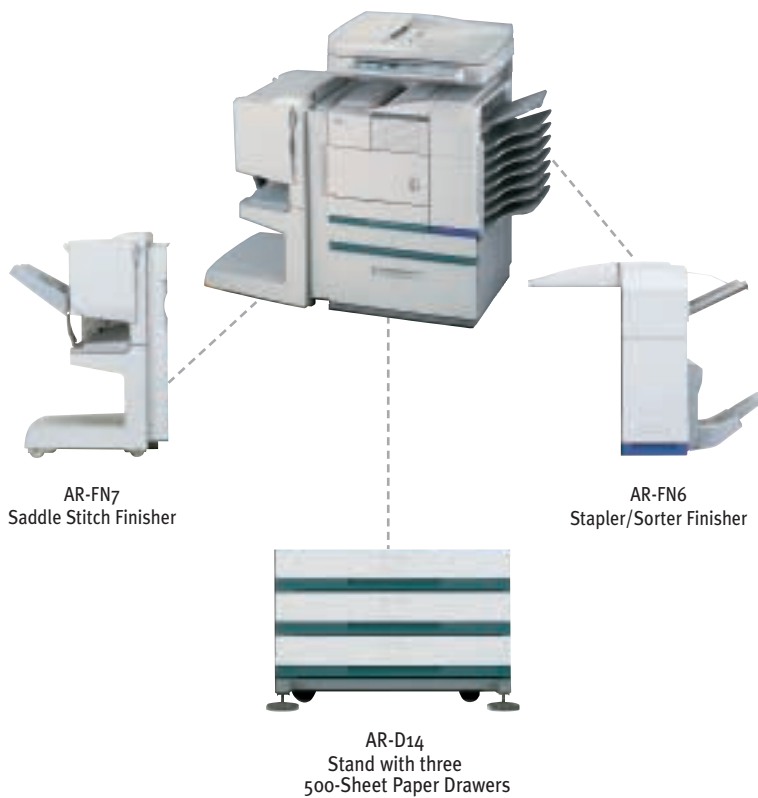
Duplex Single Pass Document Feeder
Duplex copying makes high-level productivity possible on the AR-M350/450 Digital Imager.



The easy-to-use touch screen on the control panel of the AR-M350/450 Digital Imager quickly guides users step-by-step through various functions.

AR-M350/450 Digital Imager

Accessory Options



at a glance

Highlights:

- *Job Retention functions* (bold print/sample print/confidential print) allow you to control printout from the control panel*
- *1,200 dpi equivalent resolution with smoothing technology*
- *Compatible with PCL5e/6 (standard) and PostScript Level 3 (option)*
- *Large 3,100-sheet paper capacity with options*
- *Multi-Purpose Paper Tray handles special print media including OH transparencies, heavy stock and envelopes*
- *Various image editing functions: Margin-Shift, Overlay, Watermarks, Fit to Page, etc.*
- *Sharp Status Monitor software lets you monitor printer activities*



The Image of Clarity

From its 1,200-dpi equivalent resolution to its 256 shades of grayscale, the Sharp AR-M350/450 Digital Imager delivers printing quality that is truly best-in-class, with ultra crisp text and incredibly detailed images.

As sophisticated as it is precise, this advanced Digital Imager is also a fully networkable solution that is easily shared from desktop computers of an entire workgroup or small business. To help you control the flow of information, the Sharp AR-M350/450 Digital Imager even offers software that allows users to print confidential documents securely.

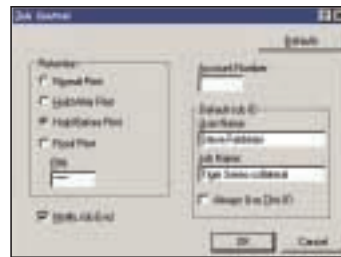
For Network Administrators, Sharp's proprietary Administrative Suite software delivers the ability to monitor and manage the Imager either remotely or automatically. Administrators can track printing usage for cost accounting and monitor network printer conditions—all with a few keystrokes.

Best of all, the AR-M350/450 Digital Imager was designed to support all current operating systems, including UNIX, Netware, and all current generations of Windows. So all of its power, flexibility and functionality can easily become a part of your existing network.

PCL5e/PCL6 Print Drivers



Job Control Screen



◀ With the optional 5GB Hard Disk Drive installed, the following Job Control features are enabled—Print Hold, Confidential (PIN) Print, and Proof Print allowing you to manage document output from the control panel.

Printer Queue Panel

Easy-to-use panel allows administrators to monitor and control multiple print projects simultaneously.



AR-M350/450 Digital Imager

Printing Capabilities

Printer Administration Utility Software ▶
Enables Network Administrators to monitor any SNMP-compliant printer on the network.



IP Address	Model	Location	Connection	SNMP
192.168.1.12	SHARP AR-M350	1st Floor	192.168.1.12	192.168.1.12
192.168.1.13	SHARP AR-M350	2nd Floor	192.168.1.13	192.168.1.13
192.168.1.14	SHARP AR-M350	3rd Floor	192.168.1.14	192.168.1.14
192.168.1.15	SHARP AR-M350	4th Floor	192.168.1.15	192.168.1.15
192.168.1.16	SHARP AR-M350	5th Floor	192.168.1.16	192.168.1.16
192.168.1.17	SHARP AR-M350	6th Floor	192.168.1.17	192.168.1.17
192.168.1.18	SHARP AR-M350	7th Floor	192.168.1.18	192.168.1.18
192.168.1.19	SHARP AR-M350	8th Floor	192.168.1.19	192.168.1.19
192.168.1.20	SHARP AR-M350	9th Floor	192.168.1.20	192.168.1.20
192.168.1.21	SHARP AR-M350	10th Floor	192.168.1.21	192.168.1.21



◀ **Printer Status Monitor**
An application which enables users to view network printer conditions through an easy-to-use graphical interface. It even notifies you when your job is complete!

a t a g l a n c e

Highlights:

- Job Retention functions* (hold print/sample print/confidential print) allow you to control printout from the control panel
- 1,200 dpi equivalent resolution with smoothing technology
- Compatible with PCL5e/6 (standard) and PostScript Level 3 (option)
- Large 3,100-sheet paper capacity with options
- Multi-Purpose Paper Tray handles special print media including OH transparencies, heavy stock and envelopes
- Various image editing functions: Margin-Shift, Overlays, Watermarks, Fit to Page, etc.
- Sharp Status Monitor software lets you monitor printer activities

* Requires optional hard disk drive



The Integration of Documents

With its broad combination of proprietary software solutions, the Sharp AR-M350/450 Digital Imager optional scanning capabilities deliver an exceptionally flexible suite of fully networkable information management tools.

Three main scanning functions deliver exceptional efficiency. First, *Scan to Desktop* allows users to send scanned files directly to their desktop computers, automatically convert them to text, and store them in their favorite file formats (such as Word or Excel). By using the *Scan to Desktop* function, users can automatically launch the application the scanned file is stored in so the document and application are up and running before you return to your desk.

Second, the *Scan to E-mail* function saves time and allows users to send scanned images directly to any e-mail address. Additionally, addresses can be imported and transferred directly to the AR-M350/450 Imager via the EIU (Export/Import Utility).

Third, the *Scan to FTP* function enables direct scanning to an FTP file server for special applications. By simply entering the IP address of an FTP site, users can pass files to an EDMS (Enterprise Document Management System) located directly on a server.

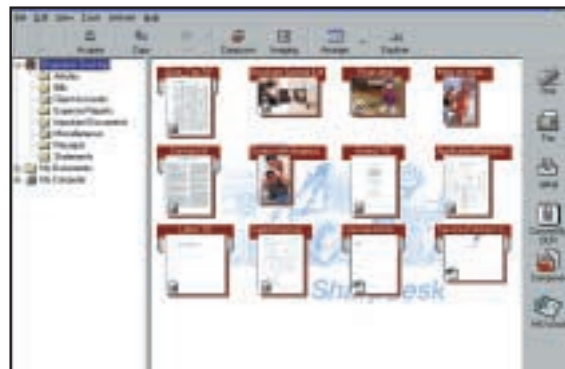
Finally, with Sharp's proprietary software, Sharpdesk™ 2.0 with Composer, users have a comprehensive, easy-to-use document management tool that allows them view, distribute, integrate and manipulate both paper and electronic documents regardless of the varied applications in which they were created. With Sharpdesk 2.0, users can scan documents directly to workstations, file servers, a specific application, or any e-mail address they choose.

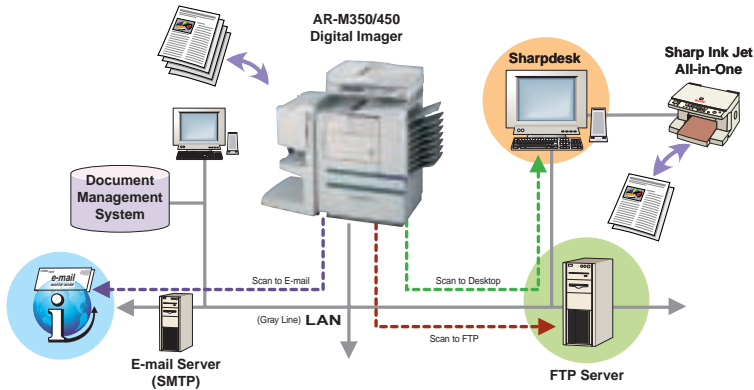
Sharp AR-NS2 Network Expansion Kit (optional)

Scan documents directly to your desktop, file server or e-mail.

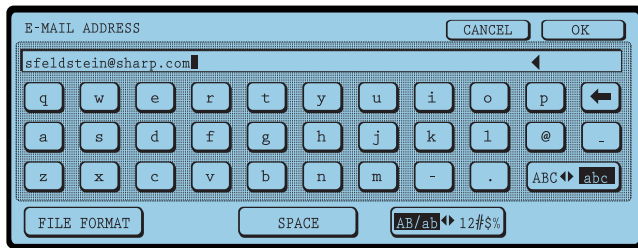
Sharpdesk™ 2.0 (included with AR-NS2)

Desktop document management software features include scanning, OCR, Image Viewer and more. A document can be e-mailed or posted to the web, or printed and professionally finished. You can also file, OCR, print or link to your fax server right from your desktop.





Simply connect the Sharp AR-M350/450 Digital Imager to your LAN and let Sharpdesk, the user-friendly desktop document management software, guide users through scanning to desktop PC, e-mail, or an FTP server.



▲ Comprehensive, easy-to-use format allows users to e-mail directly from the LCD panel.

at a glance

Highlights:

- *IMAGE SEND* for scanning right from the touch-screen LCD Panel
- Time-saving tools include Scan to E-mail, Scan to Desktop and Scan to FTP File Server
- Sharpdesk 2.0 software allows for easy and sophisticated document management
- Clear 200, 300 and 600 dpi resolution levels



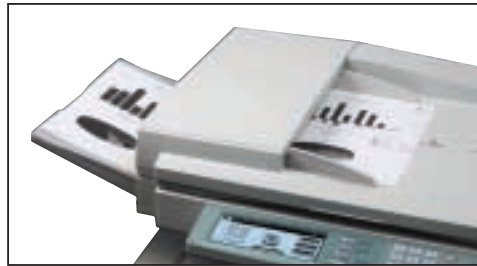
The Features of Functionality

The Sharp AR-M350/450 Digital Imager also functions as a lightning-fast fax—enhancing your business efficiency with transmission times of as little as two seconds per page.

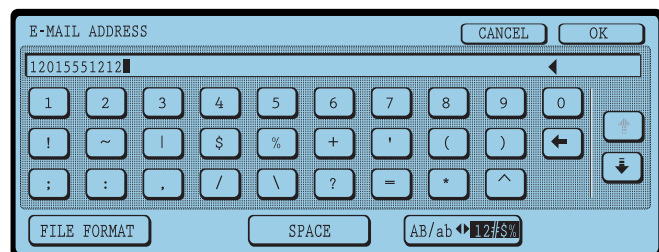
As part of its high speed, high resolution optional faxing capabilities, the AR-M350/450 Digital Imager can store up to 500 quick-dial numbers. Documents can be transmitted in less than 2 seconds' utilizing JBIG compression with its 33.6 modem. It offers exceptional clarity with 256 grayscale levels, along with varied resolution settings (including settings for small print, fine and extra fine fonts). And with the optional Duplex Single Pass Feeder, you can even fax both sides of a two-sided document automatically.

Documents can also be faxed to any Internet-enabled fax machine. By simply scanning the document and transmitting to a Network IP address of any fax machine, you save by reducing costs on dialing expenses.

The Sharp AR-M350/450 Digital Imager supports the F-code standard, making it possible to perform special operations such as relay broadcast transmission and confidential transmission. F-code transmission is convenient when sending important documents that you only want a specific person to see since a passcode is required to print the document. A transaction record will automatically print to inform you that a confidential document has been stored.



▲ **Duplex Single Pass Document Feeder**
Duplex faxing enables users to automatically fax both sides of a 2-sided document, enhancing productivity.

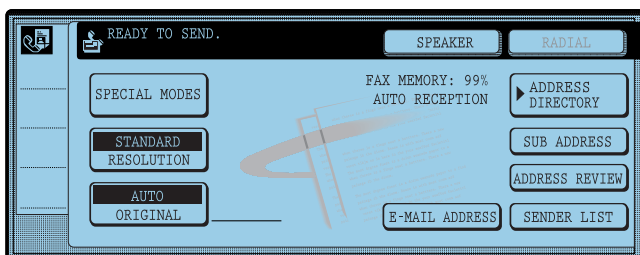


▲ Faxing is faster and easier by dialing directly from the LCD panel.

IMAGE SEND

IMAGE SEND

A gateway to sending documents via e-mail, fax or scan—users can e-mail or fax images to multiple destinations, simultaneously. Two separate functions—such as faxing while printing—can similarly be used at the same time to double your productivity.



a t a g l a n c e

Highlights:

- *IMAGE SEND* for faxing or e-mailing right from the touch-screen LCD Panel
- Transmission times of 2 seconds (Super G3)¹ and 6 seconds (G3)
- 33.6 Kbps modem speed
- 256 grayscale levels
- JBIG Compression
- 500 one-touch dial keys
- Exposure adjustments for dark, auto and light documents
- Resolution settings for small, normal, fine and extra fine detail



¹With ITU-T No.1 chart standard resolution, SUPER G3 mode, 33,600 bps, JBIG compression.

AR- (M) 350/450

General

Type:	Console
Copy system:	Dry, electrostatic transfer system
Paper size:	Max. 11" x 17" / Min. 5.5" x 8.5"
Paper capacity:	500 sheets, expandable up to 3,100 sheets with options
Copy/print speed (max):	35/45 cpm/ppm (8.5" x 11")
Memory:	64MB, upgradeable to 320MB with options, 5GB HDD
Warm-up time¹:	Less than 80 seconds
First copy time:	5.3 seconds (8.5" x 11", 1st paper tray, fast platen mode)
Power requirements:	Rated local AC voltage \pm 10%, 50/60 Hz
Power consumption:	Max. 1.6 kW
Dimensions (WxDxH)²:	32 17/32" x 26 31/32" x 43 15/16"
Weight²:	215 lbs

Printer

Resolution:	600 dpi, 1,200 dpi equivalent with smoothing technology
Interface:	IEEE 1284 parallel port
Printer drivers:	Windows [®] 95/98/Me, Windows NT [®] 4.0, Windows [®] 2000, Macintosh System 8.5.1-9x
PDL:	PCL5e, PCL6, Emulated PostScript Level 3 (option)
Available fonts:	45 fonts for HP PCL, 136 fonts for PS (with optional AR-PK1)
Other features:	Paper/output tray selection, duplex print, watermarks, pamphlet style, staple (3 patterns), job retention for confidential/sample print, N-up, B&W reverse, mirror image, form overlay, fit to page, auto configuration, easy print (stores settings), confidential print, sample print. Note: some features are not available according to the printer driver used.

Scanner (optional AR-NS2 Network Scanner Expansion Kit and AR-NC5J required)

Resolution:	200, 300, 600 dpi
Compatibility:	TWAIN compliant (push out method)
Sharpdesk licenses:	10-user licenses included

Print Server Card (optional AR-NC5J)

Hardware interface:	10Base-T, 100Base-TX
Support platforms:	UNIX, Windows 95/98/Me, Windows NT 4.0, Windows 2000, Novell Netware 3.x/4.x (IntranetWare)/Netware5, Macintosh System 8.5.1-9.x
Network protocols:	IPX/SPX for Novell environments, TCP/IP for Windows and UNIX environments, EtherTalk for Macintosh environments
Printing protocols:	Novell Printserver Application w/ NCS and Bindery, Printer resident LPD (includes reaction to LPQ request), TCP FTP for downloading of print files, EtherTalk printing, IPP, NetBEUI for Windows

Copier

Original size:	Max. 11" x 17"
Continuous copy:	Max. 999 copies
Resolution copy:	600 dpi
Zoom range:	From 25 to 400% with 8 preset ratios (4 reduction + 4 enlargement). From 25 to 200% when equipped with DSPF
Other features:	Auto paper selection, auto magnification selection, paper type selection (by type setting), auto tray switching, E-Sort, rotation copy, reserved copy, pre-heat/auto power shut-off modes, copy auditing (100 accounts), margin shift, edge/centre erase, dual page copy mode, multi-shot copy (N in 1), booklet copy

Fax

Transmission time³:	2 seconds (Super G3); 6 seconds (G3)
Compression method:	MH, MR, MMR, JBIG
Modem speed:	33.6Kbps/2.4Kbps automatic fallback
Intercommunication:	Super G3, G3
Communication line:	PSTN, PBX
# of support lines:	1
Image quality:	256 grayscale levels
Exposure adjustment:	Dark/Auto/Light
Resolution settings:	Normal/Small Letter/Fine/Extra Fine
One touch dial keys:	500 (e-mail addresses included)

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¹At rated voltage, 20°C (68°F), 65% RH.

²Dimensions and weight include scanner rack and stand.

³With ITU-T No.1 chart standard resolution, SUPER G3 mode, 33,600 bps, JBIG compression.

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