

SHARP®



Digital
iMAGER™
copy • print • fax • scan

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THE SHARP AR-161 IMAGER.

THREE DIGITAL SOLUTIONS

IN ONE ADVANCED DOCUMENT SYSTEM.

Running a growing company or successful corporate workgroup means maximizing efficiency with the most advanced technology possible. That's why Sharp's AR-161 is a smart solution. A state-of-the-art integrated system that offers the best of today's office technology – combining clear digital copying, quality laser printing, and high-speed faxing in one Advanced Digital Document System.

The real power of the AR-161 is in its versatile design. At its core, it's a laser quality, 16-page-per-minute digital copier. And as your business needs change, so can this space-saving Imager – with expandable paper capacity, a fast 33.6 Kbps fax, and 1200 dpi-quality network printing.

The AR-161 will revolutionize small workgroup environments, giving you the ability to put Sharp's Workplace™ into action. Now you can create an exciting new business environment where the network and workplace interact with incredible efficiency, linking multiple digital technologies to generate more business power, added convenience, and greater productivity.

QUALITY LASER IMAGES FOR PROFESSIONAL LOOKING COPIES.

The high-performance laser engine of the **AR-161** delivers your copies with the high-resolution **600 dpi** you'd expect from a quality network printer. Detailed photographs, illustrations and artwork are reproduced in 256 shades of grey. This enables you to confidently enlarge original images up to 200%, with the highest level of image clarity, crispness and quality.



MAXIMIZE NETWORKING WITH A WORKGROUP PRINTER.

The **AR-161** is also a powerful **16 ppm** network printer with the versatile print controller option. With network connectivity you can maximize the efficiency and productivity of your workgroup. The **AR-161** delivers **1200 dpi-quality** output plus a complete range of editing, imaging and output options right from your desktop. For example, users can choose from a greater range of paper sizes than available on most laser printers – standard letter, legal-size and **11" x 17"**. There are printer kit options for both PCL6 and PostScript2 environments.

Reliability And Powerful Performance

As part of Sharp's full line of award-winning business solutions, you can count on the AR-161 for outstanding reliability day in and day out.

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DIGITAL OUTPUT FOR EVERYONE.

With the easy-to-read control panel, almost anyone in your office can become an expert Imager operator instantly. Select the features you want, review them at a glance, and press the "start" button. The **AR-161** takes it from there. It's really that simple.

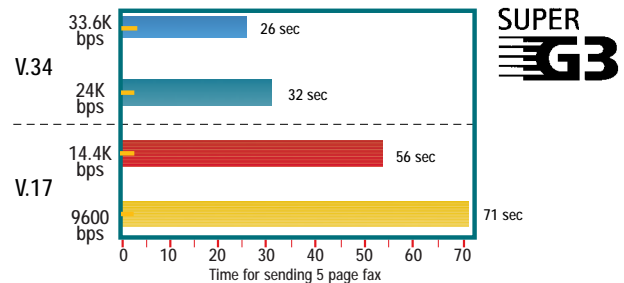


Simplicity With Sophistication

Designed for easy mastery, the AR-161's user-friendly control panel puts all features at your fingertips.

THE THREE SECOND LASER FAX.

With the optional **Fax Expansion Kit**, you can use the **AR-161** as a **Super G3 plain paper laser fax** and take advantage of the latest transmission standard to boost your office productivity. Super G3 technology offers you modem speeds up to **33,600 bps*** which means you can send a page in just 3 seconds*, with only 1 second between transmitted pages.



* Based on ITU-T Test Chart #1 at standard resolution, excluding time for protocol signals (i.e., ITU-T phase C time only) sent at 33.6 Kbps. Transmission speeds will vary based on line type and conditions.

Copy Documents In A Single Pass

The AR-161's single pass feeder (SPF) holds up to 30 originals for automatic feeding.



SCAN ONCE ...

THEN GET BACK TO BUSINESS.

The digital sophistication of the **AR-161** allows it to scan your original in one quick pass, store it in memory, and return the original to you immediately. With this fast, efficient "**Scan Once, Print Many**" feature, there's no more standing around waiting for your copy jobs to finish – so you can get back to more productive tasks sooner. And with the optional Single Pass Feeder, you can scan up to 30 originals at a time.

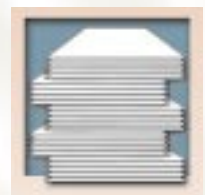
ADVANCED DIGITAL FEATURES.

The **Electronic Sorting Kit** enables the **AR-161** to efficiently sort and **Offset Stack** completed sets one-by-one, without the need for a costly and bulky sorter unit. The optional **Job Separation Tray** allows you to designate different output trays to keep copy and print/fax jobs distinct, making multifunction jobs even easier and more convenient to perform. The **Auto Image Rotation Copy** feature automatically adjusts the image from portrait to landscape on the page, according to the size of the original. To consolidate your copies for presentations, handouts or graphics, you can combine up to four originals onto a single page.



Multiple Pages Per Sheet

Print presentations, handouts, graphics, and charts with up to 16 pages per sheet.



Each Job Neatly Separated

Offset stacking keeps each job separate. No more mix-ups or "disappearing" copies.

SHARP

COPY, PRINT, FAX, SCAN ... THE AR-161 CAN DO IT ALL.

With the **AR-161** high-quality digital copying is just the beginning. When you're ready, you can easily upgrade the system to become a high-resolution 1200 dpi-quality network printer and/or a 33.6 Kbps fax machine.

EVERY GROWING BUSINESS NEEDS AN ADVANTAGE— SHARP'S ADVANCED DIGITAL DOCUMENT SYSTEM.

It's never been easier – or more affordable – for your office or workgroup to gain the productivity benefits of an Advanced Digital Document System. Whether you want digital copying, high quality network printing, or faster faxes, the Sharp **AR-161** Imager is the smart solution for your business.

specifications

COPIER SPECIFICATIONS

TYPE	Digital copying machine, desktop
COPY SYSTEM	Dry electrostatic transfer system
ORIGINALS	Sheets, bound documents
ORIGINAL SIZE (MAX)	11" x 17"
COPY SIZE (MIN/MAX)	Min. 5 1/2" x 8 1/2", Max. 11" x 17"
COPYING SPEED	16 copies per minute (8 1/2" x 11") 12 copies per minute (8 1/2" x 11"R) 10 copies per minute (8 1/2" x 14") 9 copies per minute (11" x 17")
PRINT SPEED	16 pages per minute
CONTINUOUS COPY	Max. 99 copies, subtractive counter
FIRST COPY OUT TIME	7.2 seconds
WARM UP TIME	30 seconds
COPY RATIO	Variable: 50 – 200% in 1% increments Fixed presets: 50%, 64%, 77%, 95%, 100%, 121%, 129%, 141%, 200%
EXPOSURE SYSTEM	Moving optical source, slit exposure (stationary platen) with automatic exposure function
COPY PAPER FEED	1 paper tray with auto paper feed (250 sheets); 1 manual feed tray with 100 sheet automatic feed capacity
ORIGINAL FEED SYSTEM	30 Sheet Single Pass Feeder (SPF) Moving Original

FINISHING CAPABILITY	Offset stacking
FUSING SYSTEM	Heat rollers
DEVELOPER SYSTEM	Magnetic brush development
LIGHT SOURCE	Xenon lamp
RESOLUTION	Scan: 400 dpi/ Output: 600 dpi
GRADATION	Scan 256 levels; Output: 2 levels (normal copying)
REQUIRED POWER SUPPLY	AC 120V, 60 Hz, 12 amperes
POWER CONSUMPTION	Max. 1.5 kW
OVERALL DIMENSIONS	23 1/4" (w) x 20 3/4" (d)
WEIGHT	Approx. 69.9 lbs.
COPIER DIMENSIONS	23 1/4" (w) x 20 3/4" (d) x 18 5/8" (h)
OPERATING CONDITIONS	Temperature: 59°F to 86°F (15°C to 30°C) Humidity: 20% to 85%
OPTIONAL EQUIPMENT	Single Pass Feeder (AR-SP2) Electronic Sorting Kit (AR-EB3) 250-Sheet Paper Feed Unit (AR-DE5) 500-Sheet Paper Feed Unit (AR-DE6) Facsimile Expansion Kit (AR-FX2) Printer Expansion Kit (AR-PB8) PS2 Expansion Kit (AR-PS1) LCD Panel Kit (AR-PA1) Job Separator Tray (AR-TR2)

PRINTING SPECIFICATIONS

	DESCRIPTION	
PRINTER EXTENSION	AR-PB8 (Printer Expansion Kit)	AR-PS1 (PostScript Expansion Kit)
RESOLUTION	1200 dpi equivalent with smoothing technology; 600 dpi; 300 dpi	
COMPUTER INTERFACE	IEEE 1284 bi-directional One slot for printer cards*	10BaseT (with AR-NC1D) 10/100BaseT (with AR-NC3D)
AUTO SWITCHING	Interface (when print server card is installed); Emulation	
PAGE DESCRIPTION LANGUAGE	PCL6 Emulation	PostScript Level 2 Emulation (when AR-PS1 is installed)
PRINT DRIVE SUPPORT	Microsoft Windows 3.1/95/98; Windows NT; Macintosh OS	Microsoft Windows 3.1/95/98; Windows NT; Macintosh OS
RESIDENT FONTS	45 Outlines for PCL6 Emulation	35 Outlines for PostScript2 Emulation (when AR-PS1 is installed)
MEMORY (MIN-MAX)	8MB-136MB	8MB-136MB
MEMORY EXPANSION SLOTS	2 DIMM Slots	2 DIMM Slots
EXPANSION MEMORY	PC DIMM	PC DIMM

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* Printer server cards for 10BaseT/2 and 10/100BaseTX are available.

FAX SPECIFICATIONS

SENDING	RECEIVING
Super G3 Modem (33,600 bps)	250 Sheet Paper Capacity (expandable to 750 sheets)
3 Second Transmission Speed*	256 Halftone Levels
30 Page Auto Document Feeder	Out of Paper Reception
35 Rapid and Group Dial Keys	Automatic Reduction
150 Speed Dial Keys	MEMORY
5 Program Keys	2 MB Standard Memory (expandable to 10MB)
Auto Book Fax	Memory Transmit
Broadcasting to 200 Locations	Flash Memory

* Based on ITU-T Test Chart #1 at standard resolution excluding time for protocol signals (i.e., ITU-T phase C time only) sent at 33.6 Kbps. Transmission speeds will vary based on line type and conditions.

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