

# MPA2-1 Reader Printer

The MPA2-1 Reader/Printer offers a new level of convenience and versatility for users of filmed blueprints and other large-format documents. Its generous 18" x 24" (A2) viewing screen provides a wide, clear view of the images, yet its compact, console-type design makes it easy to set up, use and maintain in areas where space is limited.

A full range of productivity-enhancing features and options - including an automatic card feeder, a fiche carrier and a three-speed open reel film carrier - ensure fast, efficient retrieval from a variety of film formats. A motorized 7x to 24x zoom lens with four zoom memory keys eliminates the need to change lenses or adjust dials.

And when it's time to print, Minolta's exclusive Micro-Toning System, optical technology and auto exposure control system combine to produce crisp, clean prints on plain paper as large as 18" x 24" (A2). The MPA2-1 Reader/Printer. It's a better way to retrieve and print large-format documents.

## Applications:

The Minolta MPA2-1 is a universal microform reader/printer that provides a unique advantage for engineering, architectural, library and other applications: a generous 18" x 24" viewing screen that provides a wide, clear view of oversized images such as drawings and designs, blueprints, schematic diagrams, technical illustrations and other high-detail microfilm documents. With stand-alone design, fast first print, and fast operating speed even in 18" x 24" size (up to 6 prints per minute), this reader/printer provides a complete array of standard features and optional functions that serve the most demanding needs of engineering, manufacturing, and government applications. It gives you 7x to 24x zoom lens, four zoom memory keys for your most often-used zoom ratios, a user-friendly control panel to make operation easy even for first-time and infrequent users, three-way paper feeding with two paper rolls and a manual feed table, and high-quality imaging that preserves the detail of your originals.

For specialized libraries and inter-library loan applications, the MPA2-1 is an excellent performer for reproducing and distributing copies of large-sized newspapers, periodicals, maps, illustrations and other micro-published archival documents.

## Specifications:

- Type: Floor-Type Reader/Printer
- Copying method: Dry copying on plain paper and vellum
- Development system: Minolta Micro-toning system
- Exposure control: Automatic and manual
- Film: Microfiche, Jackets, Aperture cards, 16mm & 35mm roll film
- Screen: 18" x 24" (460mm x 610mm)
- Magnification: 7x to 24x Zoom (0.1x steps)

- Copy sizes: C-size (18" x 24", A2) | B-size (11" x 17", A3) | A-size (8-1/2" x 11", A4)
- Copying speed: 6 copies per minute
- First copying speed: 15 seconds (C-size - 18" x 24", A2)
- Warm-up time: 6 minutes
- Multiple copying: 1 to 99 copies (LED countdown indication)
- Paper feeding system: Automatic feeding from 2 rolls and Manual feeding
- Self-diagnostic system: By microprocessor control
- Power consumption: Less than 1.35KW
- Dimensions: 29-1/10"(W) x 43-3/10"(D) x 64-4/10"(H), 740mm(W) x 1100mm(D) x 1635mm(H)
- Weight: 20 lbs. (236kg)

Specifications subject to change without notice.

## Features:

- **7x To 24x Zoom Lenses:** Standard on the MPA2-1, the powerful 7x to 24x zoom lens eliminates the need to frequently change lenses. Zooming is motorized; a touch of switch delivers smooth, even zooming for viewing and printing at a variety of magnifications. And zooming can be performed in increments as small as 0.1x, providing optimum ratios for every zooming application and assuring a perfect fit when enlarging portions of documents to certain paper size.
- **Four Zoom Memory Keys:** The MPA2-1's four zoom memory keys make zooming as easy as the touch of a single button. Simply set them to your most often used zoom ratios, then the next time you need to use a particular zoom ratio, just press the appropriate zoom memory key.
- **High Quality Images:** Minolta's dry Micro-Toning system, optical technology and electronic automatic exposure control system combine to ensure superior image quality print after print. The electronic automatic exposure control system assures consistently excellent prints from every type of film and is so sophisticated that it provides optimum quality prints from films of varying densities. Manual adjustment over a wide exposure range is also possible for handling films with special requirements.
- **Fast First Print, Faster Subsequent Prints:** Faster than most conventional readers/printers, the MPA2-1 places the first print in the output tray in just 15 seconds. Subsequent prints are even faster - up to six prints per minute for 18" x 24" (A2) prints. And the MPA2-1 can produce up to 99 copies per print run.
- **Use-friendly Control Panel:** The ergonomically designed control panel ensures quick and convenient control of all MPA2-1 functions, including zooming, focusing, and printing. Control keys are large and logically arranged for operating comfort and ease of use, while the easy-to-read LED display provides at-a-glance confirmation of settings, copy count, etc.

- Three-way Paper Feeding: For greater printing convenience and versatility, the MPA2-1 offers a three-way paper feeding system with two paper rolls and a manual feed table. The two paper rolls can be different sizes for greater printing versatility, or the same size to eliminate the need to change roll in the middle of a long printing run. The manual feed table lets you feed individual sheets of paper, vellum, coloured stock, etc. without the bother of changing paper rolls.
- "Energy Save" Button: Conveniently located on the control panel, the Energy Save button can reduce energy consumption by as much as 40%.
- Optional Carriers for Three Film Types: The MPA2-1 offers the ultimate in film handling capability, providing a choice of three optional film carriers. The ACF-2 Automatic Card Feeder handles aperture cards, holding up to 150 cards and automatically feeding and ejecting them at your command. The FC-6 Fiche Carrier handles microfiche, jackets and aperture cards with equal ease. The RFC-16, a three-speed Roll Film Carrier, is the choice for viewing 16/35mm open reel film as well as aperture cards.
- Automatic Card Feeder 2: Specially designed to enhance productivity, the ACF-2 Automatic Card Feeder holds up to 150 aperture cards and offers both manual and automatic card feeding. In both modes, the first card is fed and positioned for viewing in less than two seconds from the time the Feed button is pressed. In the automatic mode, cards can be fed in any of three ways for optimum efficiency - Single Card, Multiple Card, and Multiple Card/Print. In the Multiple Card mode, the card feed speed can be freely adjusted between 0.5 and 5.0 second intervals to accommodate a wide range of viewing requirements. Two manual control knobs permit fine adjustment of the image's vertical and horizontal position.
- Fiche Carrier 6: The FC-6 Fiche Carrier is designed for fast and simple viewing of microfiche, jackets and aperture cards from a standing position. Film changes are quick and easy - simply open the glass flats and insert the fiche or aperture card.
- Roll Film Carrier 16: The RFC-16 Roll Film Carrier permits quick, highly productive viewing of 16mm and 35mm open reels films. For even greater versatility and convenience the RFC-16 also handles aperture cards. Three operating speeds - low, medium and high - enhance efficiency during retrieval and rewinding. The horizontal and vertical image positioning can be more precisely adjusted manually.

## Optional Accessories:

- Automatic Card Feeder 2: ACF-2 handles aperture cards, holding up to 150 cards and automatically feeding and ejecting them at your command
- Fiche Carrier: FC-6 is designed for fast, simple viewing of microfiche, jackets and aperture cards

- Roll Film Carriers: RFC-16 handles both 16mm and 35mm roll films as well as aperture cards, with three operating speeds to enhance efficiency during retrieval and rewinding
- Copy Counter Kit