Sharp’s High-Speed and Light Production Monochrome Series Raise the Bar for High-Volume Copying and Printing in the Business World.

**HIGH PERFORMANCE WITH UNMATCHED VERSATILITY**

From walk-up office environments and corporate data centers to high-volume CRD and copy rooms, Sharp’s new top-of-the-line MX-M904, MX-M1054 and MX-M1204 High-Speed Light Production Monochrome Series provide advanced technology and features that will streamline your document workflow like never before. The MX-M904, MX-M1054 and MX-M1204 have been designed from the ground up to handle the rigorous demands of high-volume environments. With three engine speeds (90ppm, 105ppm and 120ppm), standard networking and flexible configurations, these high volume workhorses are a perfect fit where productivity and reliability are essential.

A large 10.1” (diagonally measured) high-resolution, touch-screen display offers real-time scan preview with intuitive flick-and-tap editing to help ensure your documents are produced accurately and without waste. With Sharp’s micro-fine toner technology combined with 1200 x 1200 dpi print resolution and true Adobe® PostScript®, your business can produce professional-looking monochrome documents with razor-sharp image quality that is also economical. A new paper feed option utilizes air-feed technology, which offers higher reliability and enhanced media capabilities.

Built on the latest Sharp OSA® development platform, the MX-M904, MX-M1054 and MX-M1204 make integration with network applications and cloud services easier than ever. Sharp’s industry-leading security platform incorporates standard 256-bit data encryption and overwrite protection to safeguard your business’s intellectual property. And when it comes time to trade in, a convenient End-of-Lease feature can erase all job data and user data.
Innovative features plus multi-function capability allow you to meet tomorrow’s document needs today.

- Flexible modular design provides a wide variety of configurations from basic high-speed copying and printing to professional folding and booklet making.

- Scan preview feature offers on-the-fly page editing with easy finger-tip navigation.

- 250-sheet Duplex Single Pass Feeder (DSPF) scans documents at up to 200 images per minute.

- New triple air-feed paper handling option offers high reliability and is virtually maintenance-free.

- Up to 13,500-sheet paper capacity supports media up to 110 lb. cover stock (300 gsm).

- Available 5,000-sheet paper stackers with roll-out carts can be connected in tandem for unattended operation of up to 10,000 sheets.

- Standard PCL®6 and true Adobe® PostScript®3™ with available Windows® XPS printing systems.

- Large 10.1” (diagonally measured) high-resolution color touch-screen display with tilt viewing.

- True 1200 x 1200 dpi printing provides beautiful images and enhanced clarity for fine details such as small text and graphics.

- Job Management features make it easy to print on-demand with the ability to retain jobs, combine jobs, repaginate jobs, edit pages within jobs and more.

- Integrated web browser provides easy access to web based resources for quick access to information and convenient printing.

- Supports the latest Sharp OSA® development platform, enabling businesses to easily integrate with network applications and cloud services.

- Auto Power Management function with Intelligent Monitoring can turn on and turn off the machine based on usage trends.

- Supports Sharp’s award-winning security platform with standard 256-bit data encryption and up to 7 times data overwrite protection.

- Convenient End-of-Lease feature can erase all files on the hard disk drive, all user data, job status data and address book data at trade-in time.
Intelligent features help streamline your workflow

Advanced technology that will exceed your expectations.

A Smart Touch-Screen Helps You Get Your Work Done Fast
The new MX-M904/M1054/M1204 Monochrome Document Systems feature a 10.1” (diagonally measured) high-resolution LCD that goes beyond basic touch-screen menu navigation. With advanced features that include flick, tap, and slide, you can quickly access powerful functions. With scan preview, you can easily view and edit your job. A tilting display panel provides enhanced accessibility. A built-in retractable keyboard makes data entry quick and easy.

A High-Speed Document System That Is Also High Performance
The new MX-M904/M1054/M1204 utilize a powerful multi-processor controller designed to quickly execute complex copy, print and scan jobs, even in busy office environments. Plus, with print speeds of 90 ppm, 105 ppm and 120 ppm, the MX-M904/M1054/M1204 can help raise your productivity to new levels.

Sharp’s next generation Micro-fine Toner Technology ensures optimum density and edge definition, while maximizing toner yield and minimizing waste. Combined with true 1200 x 1200 dpi print resolution, your business can produce professional looking documents with greater efficiency. And, to help maximize productivity, these new models utilize an intermediate toner hopper, which enables users to change toner cartridges even while the machine is running a job.

Robust Paper Handling For Busy High-Volume Environments
Sharp understands the importance of productivity, that’s why the new MX-M904/M1054/M1204 Monochrome Document Systems offer up to 13,500-sheet paper capacity and support media types up to 110 lb. cover (300 gsm). Sharp’s new paper feed option uses air-feed technology, which maximizes reliability and minimizes down time. A feature typically found on production devices and printing presses, the triple air-feed system directs air flow with precision accuracy to ensure proper paper handling. A standard 250-sheet dual head document feeder can scan up to 200 images per minute.

Intuitive menu screens enable you to easily edit documents in scan preview mode.

Triple air-feed LCT paper trays maximize reliability and minimize downtime. Pneumatic sensors maintain consistent air flow.

A highly-rigid frame design helps better protect and isolate critical machine components. This also ensures increased reliability and durability in order to withstand heavy use from high-speed and high-volume output.

Available status indicator lights can be easily seen from a distance.
Powerful multi-tasking controller delivers true 1200 x 1200 dpi.

**Exceptional Print Quality with Professional Output**

With the MX-M904/M1054/M1204 Monochrome Document Systems, your business can produce high-quality B&W documents with crisp razor-sharp graphics. With true 1200 x 1200 dpi resolution, even documents with fine detail will look great! Standard true Adobe PostScript with custom print drivers offer extensive job control options, so you can manage document output right from your desktop. With Sharp’s advanced job retention features, jobs can be stored on the hard drive to be reprinted again and again by walk-up users right from the control panel.

**Integrated Network Scanning**

With Sharp’s powerful ImageSEND™ technology, you get one-touch distribution features that centralize document workflow, help reduce mail costs and help save time. With up to seven destinations – E-mail, Desktop, FTP, Network Folders (SMB), USB, Fax and Internet Fax – getting your documents where they need to go is as easy as pushing a button. With Sharpdesk® personal document management software, users can easily organize their scanned documents and integrate them into everyday workflow.

**Innovative Job Management**

Sharp’s Document Filing System provides a 1 TB hard disk drive to store frequently used files. With the thumbnail preview mode, stored jobs can be located and retrieved quickly. Easily reprint retained jobs, combine jobs, repaginate jobs, edit pages and more. For environments with critical documents, a redundant back-up hard drive is available.

**Advanced Finishing Adds the Final Touch**

The MX-M904/M1054/M1204 offers a wide range of high performance finishing options that can give your documents a professional look.

- The MX-FN24 3,000-sheet stacking finisher with 50-sheet stapling capacity speeds through large projects, giving you complete control over deadlines. Need robust booklet making? Choose the MX-FN22 4,000-sheet saddle stitch finisher with 100-sheet stapling capacity, which can produce up to 80-page saddle-stitched booklets.

- The MX-CF11 two-tray inserter option enables you to insert covers and pre-printed documents into your job for producing professional booklets and other complex documents.

- Create professionally bound documents in-house with the optional GBC SmartPunch Pro™. With up to 7 punch styles, your business can produce ready-to-bind documents at speeds up to 120 ppm.

- To give your booklets a professional finished edge, the MX-TM10 trimmer unit option can cut the folded open edge of your documents for a smooth, straight, finished look.

- The MX-FD10 multi-folding unit option provides a variety of folds, including Z-fold, C-fold, Accordion-fold, Double-fold and Half-fold — your documents will look so good, everyone will think your jobs are sent out to a printer.
Intuitive user interface on 10.1-inch color LCD

Navigate Smoothly Through Advanced MFP Functions
Sharp’s new high-resolution touch-screen display offers the customization and ease-of-use your business needs to elevate your office productivity to the next level. With the ability to change background screens, the layout and naming of the function keys, language display setting and more, you can quickly set up a custom user interface that meets the needs of your office. Whether your requirements are simple or complex, the MX-M904/M1054/M1204 Monochrome Document Systems can help you get the job done fast!

*10.1” (diagonally measured) high-resolution LCD.

For a College Campus Office: Set up a simple screen for walk-up faculty and administrators to retrieve courseware or initiate large print runs with ease.

Change the Theme: Easily change the menu colors and icon layout to suit the preferences of users in your office.

Change the Language: Walk-up users can easily choose from 24 different display languages.
Versatile and Customizable To Fit Your Needs

The MX-M904/M1054/M1204 Monochrome Document Systems offer flexible paper handling and finishing options to accommodate everything from basic multi-function office use to advanced document output for small CRD environments and copy rooms.¹

Modular Options Make It Easy To Build the System of Your Choice

Options for the MX-M904/M1054/M1204 enable businesses to choose from four high performance finishers that offer up to 100-sheet stapling, 80-page saddle stitch booklet making and available three-hole punching. More advanced configurations include a two-tray inserter, multi-folding unit and trimmer unit.

¹Some options not available in all configurations. See your local dealer.
Streamline your document workflow and enhance your productivity with Sharp OSA® technology.

Integrating With Network Applications And Cloud Services Has Never Been So Easy
The MX-M904/M1054/M1204 Monochrome Document Systems offer powerful document workflow capabilities to help businesses leverage their network infrastructure, cloud-enabled services and more! While others are limited to a small circle of productivity, the Sharp OSA development platform allows businesses to leverage the power of their network applications, back-end systems, even cloud-enabled services, right from the touch-screen panel of the MX-M904/M1054/M1204 Monochrome Document Systems.

Save Time, Increase Efficiency
You’ll save time and increase the efficiency of everyday tasks with Sharp OSA technology because it can be virtually seamless to the user. Any MX-M904/M1054/M1204 anywhere in the organization can access network resources that were once only available on a desktop PC. With one-touch access to business applications via Sharp OSA integration, you can start and finish a document distribution task without worry.

Customized Integration
Sharp OSA technology also provides powerful customization. With the ability to personalize applications to deliver document processes tailored to your business, Sharp OSA technology can reduce redundancy and streamline workflow, helping to save time and optimize productivity. The latest version of Sharp OSA technology can reach beyond the firewall, connecting with cloud-based applications over the Internet. And since Sharp OSA technology utilizes industry-standard network protocols and Web API’s, third-party software developers can deliver customized solutions to your business faster than ever.

The Convenience You Want With The Security You Need
The MX-M904/M1054/M1204 combined with the Sharp OSA development platform is the logical choice for providing fast, flexible access to documents and applications...no matter where you are in the office. You also get the controlled access and tracking ability you require with tighter integration capabilities for network security and accounting applications.
The MX-M904/M1054/M1204 Production Monochrome Document Systems enhance operational efficiency through versatile device management capabilities.

**Sharp Remote Device Manager (SRDM)**
Make management of your MX-M904/M1054/M1204 simple and straightforward with Sharp Remote Device Manager (SRDM). This easy-to-use software allows you to take control of the versatile system features and simplifies installation and management.

- With Sharp Remote Device Manager, administrators can easily manage the setup, configuration, device settings, cloning and more! Advanced features such as **Remote Front Panel** allow administrators and support personnel to view and control the LCD panel of the machine remotely from virtually any PC on the network!
- Event-driven, real-time service alerts, administrators and supervisors can achieve higher productivity. Now it is easier than ever to view service logs, click counts, history reports and more.

With **Printer Status Monitor**, network users can view printer conditions, check paper levels, toner, and more, all through an easy-to-use interface.

**Take Charge of Usage and Costs**
With Sharp’s device management system, administrators and supervisors can define user groups on the MX-M904/M1054/M1204 to manage and restrict features, such as copying, scanning or printing. Easily set up a custom user group to manage page counts (copy, print, scan or fax operations). This helps to simplify cost management of document imaging. The MX-M904/M1054/M1204 can store profiles for up to 1,000 users.

**Integrated Web Browser Application**
The MX-M904/M1054/M1204 provides a standard integrated web browser application right at the panel of the machine, enabling easy access to web-based resources, navigation and printing.

**24/7 On-Line Training With My Sharp™**
Managing all of the advanced features of your Sharp product is simple and easy. Ask your Authorized Sharp Dealer about the **My Sharp** website. This dedicated customer training website is customized to your MX-M904/M1054/M1204 and allows you to locate resources and find information specific to your configuration, truly helping you maximize your investment.
Innovative document and device protection helps ensure confidentiality.

To help protect your data, the MX-M904/M1054/M1204 offers several layers of Standard Security, making Sharp the optimum choice to help protect employees’ privacy and intellectual property. As a leader in office equipment security, Sharp makes it easy for virtually any business or government entity to safely deploy digital copying, printing, scanning and faxing.

**Authority Groups**

Advanced Account Management enables administrators to set authority groups for access to features of the MX-M904/M1054/M1204. Administrators can control which department, for instance, has full access to copying, printing, scanning and/or fax. Walk-up users enter a code, Local Name and Password, or LDAP User Authentication to access the features assigned to their group.

**Data Encryption and Overwrite**

To help protect your data, the MX-M904/M1054/M1204 can encrypt document data using AES (Advanced Encryption Standard) 256-bit encryption. The MX-M904/M1054/M1204 can also erase the temporary memory on the hard drive by overwriting the encrypted data up to seven times. At trade-in time, a convenient End-of-Lease feature overwrites all data, including the Document Filing area, user data, job status data and address book.

**Network Scanning Access Control**

To help protect your network from unauthorized e-mail communications, the MX-M904/M1054/M1204 supports User Authentication, requiring users to login before performing any network scanning operations.

**Control Device Access Over the Network**

To help restrict access to the device over the network, the MX-M904/M1054/M1204 offers IPsec, SMB and extended support for SSL Encryption (Secure Sockets Layer), IP/MAC address filtering, IEEE 802.1x authentication, protocol enable/disable and port management for maximum security.

**Documents Remain Confidential**

The MX-M904/M1054/M1204 offers Confidential Printing, which when used, requires users to enter a PIN code in order to print a queued document. To help protect your direct-print documents from unauthorized viewing, the MX-M904/M1054/M1204 offers encrypted PDF printing and scanning. Additionally, Secure Fax Release ensures received fax documents are held in memory until an authorized user enters a PIN code, so that compliance with healthcare regulations such as HIPAA is easier.

**Tracking and Auditing Information**

Legislation and industry policies require companies to be more aware of information flow from their offices. Sharp offers both built-in and additional hardware/software which allows users to control, access and track usage of each device on the network.

**Data Security Kit (Optional)**

For maximum protection, the optional data security kit offers additional features, such as Data Overwrite on-demand and at power up, Document Filing access control, Incorrect Password Lockout and Restricted Status Display and Restricted List printing.

These scalable security offerings aim to protect your intellectual property, preserve confidential information and help your business to meet regulatory requirements, such as the Health Insurance Portability and Accountability Act (HIPAA) and the Gramm-Leach-Bliley Act (GLB). For additional information visit: www.sharpusa.com/security.
Sharp’s Environmental initiatives and dedication to developing energy efficient document systems set a high standard for the industry.

An Environmentally Responsible Approach to Product Design
The MX-M904/M1054/M1204 utilize Sharp’s advanced micro-fine toner technology, which offers a lower consumption rate and produces less waste than conventional toners, resulting in longer replacement intervals. Sharp supplies are packaged using fully recyclable materials. Long-life consumable parts help minimize service intervals and downtime, resulting in lower operating costs. With two different energy saving modes, power can be reduced or shut off at set intervals. The MMX-M904/M1054/M1204 document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. Sharp business products are EPEAT® certified.

Toner Recycling Program
As part of our commitment to helping preserve the environment, Sharp offers our customers zero-waste-to-landfill recycling for all Sharp consumables, including cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing a pre-paid Recycling Kit for their return to our facility.

Environmental Leadership
As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR® annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award, which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation. Sharp was also a previous recipient of the Excellence in Partnership Green Contractor Award and the Evergreen Award from the General Services Administration (GSA) and the Coalition for Government Procurement. These awards recognize environmentally responsible businesses and their efforts on recycling, waste reduction and affirmative procurement practices.

Global Initiatives
Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. For more information about Sharp’s environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharpusa.com/environment.
Approx. Dimensions 2,120 x 1,020 x 870 mm (83.5 x 40.2 x 34.2 inches)

Weight 63 kg (139 lbs.

Network Printing System (Standard)
- PCL5c, PCL6, PostScript 3.0, True Adobe, PostScript 3.0, optional
- Resolution 1200 x 1200 dpi
- Print Speed 90/150/120 pages per minute (81/1 x 11")
- Print Drivers Windows Server 2003, Windows XP, Windows 2000, Windows 98, Windows Vista, Windows Vista x64, Windows 7, Windows x64, Mac OS X (10.4.11, 10.5.15-10.6.15, 10.6.6-10.7.2), all Mac PPD.
- Features Auto configuration, continuous printing, electronic sorting, network printing, duplex printing, transparency inserts, margin shift, image rotation, different cover page, post card, print job binding, rotation, predefined templates, proof print, user authentication, image stamp and watermarks. Additional features: Multiple pamphlet print, network tandem print, custom copy print mode, different cover page/path/page generation, form sending, tab paper settings, tab printing, chapter inserts and page inserts.

Management
- Console, Monochrome multi-function digital document system
- Settings and operating conditions.
- Application Communication Module (MX-AMX2) standard
- Direct Printing File Types: TIFF, JPEG, PCL, PDF, XPS, Encrypted PDF, Compressed PDF/X, PostScript and Windows XPS.
- Methods: FTP, web page, email, Network Folder and USB

Network Scanning System (Standard)
- Scan Modes: Original, Color, monochrome, grayscale
- Network TCP/IP, HP.IP, IIS, FTP, IPP, SMTP, SMB
- Protocols: JPEG, PDF, TIFF, GIF, BMP, Windows and Unix and Linux.
- Image Formats: TIFF, JPEG, PDF, Encrypted PDF, PostScript, PostScript/A, Internet Fax mode: MH/MMR (option).
- Compression: Color/Gray: JPEG (high, middle, low)
- Internet Fax mode: MH/MMR (option)
- Scan Destinations: Local PC, FTP, Desktop (including file sharing with other users), e-mail, e-mail exchange server
- One-touch Dest: Super 3x (option). Up to 2,000 (combined scan destinations)
- Group Destinations: Up to 500
- Programs: 45 (combimed)
- Max. Jobs: Up to 150

Network Protocols
- TCP/IP and ISU (includes FTP, SMTP, LDAP, FTP, POP3, SMB, ESMP and 802)
- Network Security IP/AMPS address filtering, protocol filtering, port management, user authentication and document administration.
- Security Settings 802.11-WPA-WPA2-PSK, 802.11i(TKIP) / 802.11i (AES), 802.1Q

Networking and Types
- and Types: Ethernet, USB, IP, TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, SMTP, AppleTalk.
- Power Consumption 70 W or Less
- Internet Fax Expansion Kit
- Multi-folding Unit (MX-FD10 Option)
- Fax Expansion Kit
- Staple Cartridge (for MX-FN21/FN22)
- Internet Fax mode: MH/MMR (option)
- Image Formats: Color/Grayscale: Color TIFF, JPEG, PDF, Encrypted PDF, PostScript/A
- Network Security IP/AMPS address filtering, protocol filtering, port management, user authentication and document administration.
- Security Settings 802.11-WPA-WPA2-PSK, 802.11i(TKIP) / 802.11i (AES), 802.1Q

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