



### High-speed and light production document systems

#### 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.



#### Sharp's New High-Speed and Light Production Monochrome Series Raise the Bar for High-Volume Copying and Printing.

- **Large 10.1"** (diagonally measured) high-resolution **color touch-screen display** with tilt viewing
- 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
- Available **5,000-sheet paper stackers** with roll-out carts can be connected in tandem for unattended operation of up to **10,000 sheets**.
- 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)
- Standard PCL®6 and **true Adobe® PostScript® 3™** with available Windows® XPS printing systems
- 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**
- Standard **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



MX-M1204 shown in full configuration.

# MX-M904/M1054/M1204 Specifications

## Main Specifications

<b>MX-M904/ M1054/M1204</b>	Base models include LCD, 250-sheet DSPF, 3,000-sheet paper capacity (two tandem 2,000-sheet trays/two 500 sheet trays), 1-TB hard disk drive, PCL6/Adobe® PostScript® 3™ network printing, color network scanning, web browser, retractable keyboard and MX-AMX2 application communication module		
<b>Type</b>	Console, Monochrome multi-function digital document system		
<b>Display</b>	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1024 x 600 dots (W-SVGA)		
<b>Functions</b>	Copy, print, network print, network scan, document filing and fax <sup>1</sup>		
<b>Copy System</b>	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC/white LED exposure/heat roller fusing		
<b>Originals</b>	Sheets and bound documents		
<b>Max Original Size</b>	11" x 17"		
<b>Copy Size</b>	Min. 5½" x 8½", Max. 11" x 17" + 12" x 18"		
<b>Copy Speed</b>	90/105/120 ppm (8½" x 11")		
<b>Multiple Copy</b>	Max. 9999 copies		
<b>First Copy Time (in Seconds)<sup>2</sup></b>	MX-M904	MX-M1054	MX-M1204
	Platen Glass	4.0	3.2
	DSPF	6.3	5.5
<b>Warm Up Time</b>	210 seconds <sup>2</sup>		
<b>Magnification</b>	25% to 400% in 1% increments (with document feeder 25%-200%)		
<b>Original Feed</b>	250-sheet DSPF		
<b>Scan Speed</b>	DSPF Scan: Up to 200 IPM <sup>2</sup> (Monochrome or Color)		
<b>Original Sizes</b>	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"		
<b>Paper Capacity</b>	Std. 3,000 Sheets/Max. 13,500 Sheets		
<b>Paper Feed Sizes</b>	Standard: Tandem Tray 1 - 1200 sheets (letter size), Tandem Tray 2 - 800 sheets (letter size), Trays 3/4 - 500 sheets ea. (letter/legal/ledger/statement/12" x 18"). Optional: Multi-bypass Tray (for machine) - 100 sheets (letter/legal/ ledger/statement/12" x 18"), Multi-bypass (for LCT) - 500 sheets (letter/legal/ ledger/ statement/12" x 18"), LCT (2-Drawer) - 2,500-sheets each drawer (letter/legal/ledger/12" x 18"), Letter LCC - 3,500 sheets (letter), Ledger LCC (MX-M904 only): 3,000 sheets (letter/legal/ledger).		
<b>Paper Weights and Types</b>	Tandem Trays - 16-28 lb. bond, Trays 3/4 - 16 lb. bond to 100 lb. bond, Multi-bypass Tray (for machine) - 15 lb. bond to 110 lb. bond, Multi-bypass Tray (for LCT) - 15 lb. bond to 100 lb. bond, LCT (2-drawer) - 15 lb. bond to 110 lb. bond, Letter LCC/Ledger LCC - 16 lb. bond to 100 lb. bond. Supported paper types include thin, plain, recycled, color, letter head, pre-printed and pre-punched, embossed and glossy.		
<b>Duplexing</b>	Standard automatic duplex copying and printing		
<b>CPU</b>	Up to 1.8 GHz Multi-Processor Controller		
<b>Interface</b>	RJ-45 Ethernet (10/100/1,000 Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port)		
<b>Memory</b>	Standard 5 GB		
<b>Hard Disk Drive</b>	1 TB		
<b>Copy Resolution</b>	Scan: 1200 x 1200 dpi / 600 x 600 dpi		
<b>Copy Modes</b>	Monochrome/Grayscale		
<b>Exposure Control</b>	Modes: Text, Text/Printed-Photo, Printed-Photo, Text Photo, Photo, Map, Pale-Color. Settings: Auto or 9 step manual		
<b>Halftone</b>	256 gradations/2 levels (monochrome)		
<b>Copy Features</b>	Electronic sort, Auto Paper Selection (APS), Auto Magnification Selection (AMS), image preview/edit, auto tray, paper type selection switching, rotate copy, reserve copy, tandem copy, book copy, margin shift, edge/center erase, book divide, dual page, cover/insert page, OHP insert, job build, card shot, blank page skip, mirror/BW reverse, proof, pamphlet, watermark, custom image, job programs.		
<b>Account Control</b>	Up to 1,000 users. Supports user-number authentication (on device), login name/password or login name/password (via LDAP server) for Copy, Print, Scan, Fax and document management.		
<b>Output Tray Capacity</b>	Main output tray (top) 250 sheets (face down)		
<b>Firmware</b>	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)		
<b>Configuration</b>	Web-based management with user/administrator level login, cloning (1 to N) with SRDM and remote front panel access		
<b>Service/Functions</b>	Remote front panel, remote access to service logs and click counts		
<b>Accessibility</b>	Tilt Front Panel, Adjustment of Key Touch, Document Feeder Free Stop, Job Programs, Remote Front Panel, Universal Grip for Paper Trays, and Disable Screen Timeout		
<b>Environmental</b>	International Energy Star Program Ver. 1.2, Law on Promoting Green Purchasing, European RoHS (Restriction of Hazardous Substances)		
<b>Power Source</b>	AC 208-240 VAC, 60 HZ, 15 Amps		
<b>Power Consumption</b>	Maximum: 3.5 kW or less		
<b>Weight</b>	Approx. 650 lbs.		
<b>Approx. Dimensions</b>	42¾" (w) x 31¼" (d) x 48¾" (h)		

## Network Printing System (Standard)

<b>PDL</b>	PCL® 6 compatible, True Adobe®, PostScript® 3™, optional XPS		
<b>Resolution</b>	1200 x 1200 dpi		
<b>Print Speed</b>	90/105/120 pages per minute (8½" x 11")		
<b>Print Drivers</b>	Windows Server® 2003-2008, Windows XP, Windows XP x64, Windows Server 2003-2008 x64, Windows Vista®, Windows Vista® x64, Windows 7, Windows 7 x64, MAC OSX (including 10.4.11, 10.5-10.5.8, 10.6.5-10.6.8, 10.7-10.7.2), all MAC PPD.		
<b>Features</b>	Auto configuration, continuous printing, electronic sorting, N-up printing, duplex printing, transparency inserts, margin shift, image rotation, different cover page, poster print, job bypass print, job retention, confidential print, proof print, user authentication, image stamp and watermarks. Additional features: Multiple pamphlet print, network tandem print, carbon copy print mode, different cover page/last page/other page, form overlay, tab paper settings, tab printing, chapter inserts and page Interleave <sup>1</sup>		
<b>Direct Printing</b>	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compressed PDF/A1, PostScript and Windows XPS <sup>1</sup> . Methods: FTP, Web page, E-mail, Network Folder and USB		
<b>Resident Fonts</b>	80 outline fonts (PCL), 136 fonts (PS)		
<b>Interface</b>	RJ-45 Ethernet 10/100/1,000 Base-T, USB 2.0		
<b>Operating Systems</b>	Windows Server 2003-2008, Windows XP, Windows Vista, Windows 7, MAC OS 9-9.2.2, MAC OSX 10.2.8, 10.3.9, 10.4.11, 10.5-10.5.8, 10.6-10.6.5, Novell® Netware® 3x, 4x, 5x, Sun® OS 4.1x, Solaris® 2x, Unix®, Linux® and Citrix® (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services. <sup>1</sup>		
<b>Network Protocols</b>	TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, SMTP, POP3, LDAP, 802.1x for Windows and Unix. LPD and LPR for Unix. IP/SPX® for Novell environments and EtherTalk®, AppleTalk® for Macintosh® environments. <sup>1</sup>		
<b>Printing Protocols</b>	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Printer		
<b>Network Security</b>	IP/MAC address filtering, protocol filtering, port management, user authentication and document administration. <sup>1</sup>		
<b>Security Standards</b>	IEEE-2600ITM-2008, DoD (NSTISSP) #11, DoD Directive 8500.2, DoD (DISA)		

## Network Scanning System (Standard)

<b>Scan Modes</b>	Standard: Color, monochrome, grayscale		
<b>Max. Original Size</b>	11" x 17"		
<b>Optical Resolution</b>	600 dpi		
<b>Output Modes</b>	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi		
<b>Image Formats</b>	Monochrome: TIFF, PDF, Encrypted PDF, XPS, PDF/A Color/Grayscale: Color TIFF, JPEG, PDF, Encrypted PDF <sup>1</sup> , PDF/A <sup>1</sup> , Compressed PDF <sup>1</sup> , XPS <sup>1</sup> , Internet Fax: TIFF-FX, TIFF-F, TIFF-S <sup>1</sup>		
<b>Image Compression</b>	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)		
<b>Scan Destinations</b>	E-mail, Desktop, FTP, Folder, (SMB), USB, Internet fax (option); One-touch Dest. Super G3 fax (option). Up to 2,000 (combined scan destinations)		
<b>Group Destinations</b>	Up to 500		
<b>Programs</b>	48 (combined)		
<b>Max. Jobs</b>	Up to 100		
<b>Network Protocols</b>	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTMP and 802.1x.		
<b>Network Security</b>	E-mail server user authentication for LDAP and Active Directory		
<b>Software</b>	Sharpdesk® desktop personal document management software (1 user license included)		
<b>Sharp OSA Platform</b>	Application Communication Module (MX-AMX2) standard		

## inserter (MX-CF11 Option)

<b>Type</b>	Standing, 2 Trays		
<b>Paper Capacity</b>	Upper Tray: 200 Sheets; Lower Tray: 200 Sheets (20 lb. bond)		
<b>Paper Weight</b>	16 lb. bond to 100 lb. Bristol (Paper feeding)		
<b>Paper Size</b>	Up to 12" x 18"		
<b>Power Consumption</b>	70 W or Less		
<b>Power Source</b>	24 Volts (Supplied by Main Unit)		
<b>Dimensions</b>	21½" (w) x 30" (d) x 50½" (h)		
<b>Weight Approx.</b>	51 lbs.		

## Multi-Folding Unit (MX-FD10 Option)

<b>Type</b>	Floor Standing		
<b>Dimensions</b>	13½" (w) x 30½" (d) x 41½" (h)		
<b>Weight</b>	Approx. 146 lbs.		
<b>Power Source</b>	Powered by MX-FN21/FN22 Finisher		
<b>Power Consumption</b>	Maximum: Standby: 23 W or less; In Operation: 150 W or less		
<b>Folding Mode</b>	Z-fold, C-fold, Accordion-fold, Double-fold and Half-fold		

## 4K 100-Sheet Stapler/Finisher (MX-FN21: option)

<b>Type</b>	4,000-sheet console stapler finisher (100-sheet stapling)		
<b>Output Trays</b>	Upper tray: Moving offset tray (up to 1,500 letter size sheets) Middle tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 2,500 letter size sheets)		
<b>Stapling Capacity</b>	Up to 100 sheets (letter/statement)		
<b>Stapling Media</b>	Plain paper, letter/legal/ledger size or mixed		
<b>Stapling Positions</b>	1 front, 1 rear, or 2 point stitching		
<b>Hole Punching</b>	Optional three-hole punch unit MX-PN13B		
<b>Power Source</b>	120 VAC, 60 HZ, 15 Amps		
<b>Power Consumption</b>	200w/350w with MX-MF10		
<b>Weight</b>	Approx.: 134.5 lbs.		
<b>Dimensions</b>	Approx.: 30¾" (w) x 30" (d) x 41" (h) (with tray extended)		

## 4K 100-Sheet Stapler/Saddle Stitch Finisher (MX-FN22: option)

<b>Type</b>	4,000-sheet console stapler finisher (100-sheet stapling)		
<b>Output Trays</b>	Upper tray: Moving offset tray (up to 1,500 letter size sheets) Middle tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 2,500 letter size sheets)		
<b>Stapling Capacity</b>	Up to 100 sheets (letter/statement)		
<b>Stapling Media</b>	Plain paper, letter/legal/ledger size or mixed		
<b>Stapling Positions</b>	1 front, 1 rear, or 2 point stitching		
<b>Saddle Stitch</b>	Center stitch/center fold (2 staples) letter/legal/ledger paper sizes		
<b>Saddle Stitch Max. Sets</b>	Up to 5 sets (16-20 sheets)/10 sets (11-15 sheets per set)/15 sets (6-10 sheets per set)/25 sets (1-5 sheets per set)		
<b>Hole Punching</b>	Optional three-hole punch unit MX-PN13B		
<b>Power Source</b>	120 VAC, 60 HZ, 15 Amps		
<b>Power Consumption</b>	200w/350w with MX-MF10		
<b>Weight</b>	Approx.: 134.5 lbs.		
<b>Dimensions</b>	Approx.: 30¾" (w) x 30" (d) x 41" (h) (with tray extended)		

## Optional Equipment

<b>MX-LC12</b>	3,500-sheet Large Capacity Cassette (letter) <sup>1</sup>		
<b>MX-LCX3N</b>	3,000-sheet Large Capacity Cassette (ledger) <sup>1</sup>		
<b>MX-LC13</b>	5,000-sheet Large Capacity 2-Drawer Air Feed Tray (ledger) <sup>1</sup>		
<b>MX-MFX1</b>	100-sheet Multi-bypass Tray (for machine)		
<b>MX-MF11</b>	500-sheet Multi-bypass Tray (for MX-LC13)		
<b>MX-FN24</b>	3K Stacking 50-Sheet Staple Finisher <sup>1</sup>		
<b>MX-FN25</b>	2K Stacking 50-Sheet Staple/Saddle Stitch Finisher <sup>1</sup>		
<b>MX-FN21</b>	4K Stacking 100-Sheet Staple Finisher <sup>1</sup>		
<b>MX-FN22</b>	4K Stacking 100-Sheet Staple/Saddle Stitch Finisher <sup>1</sup>		
<b>MX-ST10</b>	5,000-Sheet Stacker (includes one paper cart)		
<b>MX-CA10</b>	Paper Cart (additional)		
<b>MX-CF11</b>	2-Tray Inserter Unit <sup>1</sup>		
<b>MX-FD10</b>	Multi-folding Unit <sup>1</sup>		
<b>MX-RB16</b>	Large capacity Tray mounting kit		
<b>MX-RB17</b>	Large capacity Tray tandem connecting kit		
<b>MX-RB18</b>	Curl Correction Unit <sup>1</sup>		
<b>MX-RB13</b>	Relay Unit		
<b>MX-TM10</b>	Trimmer Unit <sup>1</sup>		
<b>MX-PNX4B</b>	3-Hole Punch Unit (for MX-FN24/FN25)		
<b>MX-PN13B</b>	3-Hole Punch Unit (for MX-FN21/FN22)		
<b>AR-SC2</b>	Staple Cartridge (for MX-FN24/FN25)		
<b>MX-SCX3</b>	Staple Cartridge (for MX-FN25)		
<b>MX-SCX1</b>	Staple Cartridge (for MX-FN22)		
<b>MX-SCX2</b>	Staple Cartridge (for MX-FN21/FN22)		
<b>MX-SL10</b>	Status Indicator		
<b>AR-SU1</b>	Stamp Unit (requires AR-SV1 Stamp Cartridge)		
<b>AR-SV1</b>	Stamp Cartridge (required for AR-SU1)		
<b>MX-PF10</b>	Bar Code Font Kit		
<b>MX-PUX1</b>	XPS Expansion Kit		
<b>MX-EB11</b>	Enhanced Compression Kit		
<b>MX-FB11</b>	Fax Expansion Kit		
<b>MX-FWX1</b>	Internet Fax Expansion Kit		
<b>MX-EB15</b>	HDD Mirroring Expansion Kit		
<b>MX-EC50</b>	CAC Reader (requires Data Security Kit)		
<b>MX-FR38U</b>	Commercial Data Security Kit (not available at time of launch)		
<b>MX-AMX1</b>	Application Integration Module		
<b>MX-AMX3</b>	External Accounting Module		

## Supplies

<b>MX-900NT</b>	Toner Cartridge		
<b>MX-900NV</b>	Developer		
<b>MX-850NR</b>	Drum		
<b>MX-850HB</b>	Waste Toner Bottle		

<sup>1</sup> Some features require optional equipment. See your local dealer.

<sup>2</sup> Specification may vary depending on product configuration, machine settings and operating conditions.



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