SHARP®

MX-M654N MX-M754N

HIGH-SPEED MONOCHROME WORKGROUP DOCUMENT SYSTEMS

MX-M754N shown with options.

Tablet-style touch-screen display with intuitive menu navigation.

The Sharp MX-M654N and M754N monochrome workgroup document systems deliver high productivity and strong versatility.

The MX-M654N and MX-M754N monochrome workgroup document systems offer powerful multitasking workflow features and exceptional image quality at speeds up to 75 pages per minute. Designed for large workgroups and departmental environments, these models combine a versatile modular design with tablet-style menu navigation and powerful output capabilities that can help virtually any office accomplish more in less time.

Key Features

- **Easy to Operate** – Sharp's tablet-style touch-screen display offers a user-friendly graphical interface enabling quick access to features and functions when setting up jobs.

- **Advanced Workflow Capabilities** – Equipped with the latest version of Sharp OSA® technology and Cloud Portal Office content management for easy integration with network applications and cloud services.

- **Standard Wireless Networking** – Provides flexible access from mobile devices for scanning and printing directly to the MFP using Sharpdesk® Mobile, a free downloadable app.

Single pass, dual side scanning at up to 200 IPM

Available paper capacity stores up to 6,700 sheets

Standard retractable keyboard simplifies data entry

Advanced design plus multi-functional capability to meet tomorrow's document needs today.

- Flexible modular design provides a **selection of configurations** from basic copying and printing to **professional folding** and **booklet making**

- **3,200-sheet** standard paper capacity **expandable to 6,700 sheets** with options

- **Versatile paper handling** system feeds up to **80 lb. cover** through the paper trays and up to **110 lb. cover** through the bypass tray

- Standard **150-sheet duplexing document feeder** scans both sides of a document in a single pass at speeds up to **200 images per minute** (IPM)

- Large 10.1" (diagonally measured) **tablet-style touch-screen display** offers **image preview** feature with flick, tap and slide navigation, and pinch-and-zoom capability

- **1200 x 1200 dpi printing** provides clear, crisp images even on jobs with fine detail

- Network ready **PCL®6** and **genuine Adobe® PostScript®3™** printing systems

- Standard **Compact PDF** feature dramatically reduces the file size of scanned color documents, resulting in decreased network traffic and **more efficient use of disk and cloud storage**

- Supports **Sharp Cloud Portal Office**, a content management software service for storing and sharing scanned documents and electronic files

- Supports Sharp's **enhanced security platform** with **standard 256-bit data encryption**, up to **10 times overwrite protection**, and convenient **End-of-Lease** feature

- **On-the-fly toner cartridge replacement** while your job is running helps maximize your productivity.

- Full-size, **retractable keyboard** allows quick and easy data entry

Main Specifications

MX-M654N/M754N	Base models include multitasking controller, 150-sheet DSPF, copying, PCL®6 and PostScript® 3™ printing systems, network scanning, document filing, 320 GB HDD, wireless NIC, auto duplexing, 2,100-sheet tandem paper drawer, 2 x 500-sheet paper drawer and a 100-sheet bypass tray.
Type	Monochrome multi-function digital document system
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax[1]
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt type fusing/white LED exposure
Originals	Sheets and bound documents
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Copy Size	Min. 5½" x 8½", Max. 11" x 17" + 12" x 18"
Copy Speed	65/75 ppm (8½" x 11")[2]
Multiple Copy	Max. 9,999 copies

First Copy Time (in Seconds)[2]	MX-M654N	MX-M754N
Platen Glass	3.9	3.5
DSPF	5.9	5.4

Warm Up Time	20 seconds[2]
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	150-sheet DSPF with original size detection
Scan Speed	Up to 100 IPM[2] simplex, up to 200 IPM[2] duplex
Paper Capacity	Standard: 3,200 Sheets/Maximum: 6,700 Sheets
Paper Feed System	Standard: Tandem Tray 1 - 1,250 sheets (letter size), Tandem Tray 2 – 850 sheets (letter size) + (2) 500-sheet paper drawers (letter/legal/ledger/statement) and 100-sheet bypass tray (letter/legal/ledger/statement). Optional: 3,500-sheet large capacity tray (letter) or 3,000-sheet large capacity tray (ledger).
Paper Weights and Types	Tandem drawers: 16 lb. bond to 28 lb. bond. Paper drawers: 16 lb. bond to 80 lb. cover. Other paper types include plain, recycled, letterhead, pre-printed, pre-punched, and color paper. Bypass tray: 16-28 lb. bond (plain paper), 15-16 lb. bond (thin paper), 80-110 lb. cover (heavy paper), tab paper (letter). Also label paper, gloss paper, recycled, letterhead, pre-printed, pre-punched, color paper and OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.8 GHz multi-processor design
Interface	RJ-45 Ethernet (10/100/1000Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port, rear)
Memory	Standard 3 GB copy/print (shared)
Hard Disk Drive	320 GB
Copy Resolution	Scan: B&W/color: 600 x 600 dpi; Copy Output: 1200 x 1200 dpi
Copy Modes	Monochrome/Grayscale
Exposure Control Modes	Auto, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user-number authentication, login name/password or login name/LDAP password
Output Tray Capacity	Main output tray (top): 250 sheets (face down); optional right side exit tray: 100 sheets (face down)
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup	Web-based management/cloning with user/administrator level login
Service/Functions	Remote front panel, remote access to service logs and click counts
Accessibility Features	Tilt front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, and disable screen timeout
Environmental Standards	International Energy Star Program Ver. 2.0, European RoHS
Power	AC 110-127 VAC, 60 HZ, 16 Amps
Power Consumption	1.92 kW or less
Weight	Approx. 366 lbs.
Dimensions	Approx. 26 1/8" (w) x 30 3/8" (d) x 48" (h)

Network Printing System (standard)

PDL	Standard PCL® 6 compatible, genuine Adobe® PostScript® 3™, optional XPS
Resolution	1200 x 1200 dpi
Print Speed	65/75 pages per minute (8½" x 11")[2]
Print Drivers	Windows Server® 2003-2008, Windows Server 2003-2012 x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows 8.1, Windows 8.1 x64, MAC OSX (including 10.4-10.10)
Features	Auto configuration, bar code font printing, carbon copy print, chapter inserts, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, print mode, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print[1]
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, PDF/A Encrypted PDF, PostScript and XPS.[1] Methods: Sharpdesk Mobile, FTP, SMB, Web page, E-mail and USB
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0
Operating Systems	Windows Server 2003-2012, Windows Vista, Windows 7, Windows 8, Windows 8.1, MAC OS X10.4, X10.5, X10.6, X10.7, X10.8, X10.9, X10.10, Novell® Netware® Unix®, Linux® and Citrix® (XenApp 5.0, 6.0, 6.5) and Windows Terminal Services, SAP device types[1]
Network Protocols	TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, SMTP, POP3, LDAP, 802.1x for Windows and Unix, LPD and LPR for Unix, IPX/SPX™ for Novell environments, EtherTalk® AppleTalk® for Macintosh® environments[1]
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, and Novell Pserver/Rprinter
Network Security	IP/MAC address filtering, protocol filtering, port management, user authentication and document administration[1]
Security Standards	IEEE-2600™-2008, DoD (NSTISSP) #11, CAC/PIV access control[1]

Network Scanning System (standard)

Scan Modes	Standard: Color, monochrome, grayscale
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS; Color: Grayscale, Color TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS; Internet Fax: TIFF-FX, TIFF-F, TIFF-S[1]
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR); Color/Grayscale: JPEG (high, middle, low); Internet Fax mode: MH/MMR compression
Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Network Protocols	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP and 802.1x
Network Security	E-mail server user authentication for LDAP and Active Directory
Software	Sharpdesk® desktop personal document management software (1 user license included), Sharpdesk Mobile (download)

B&W Super G3 Fax Kit (option)

Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS[3]
Compression Methods	JBIG, MMR, MR, MH
Scanning Method	Sheet fed simplex or duplex or book
Max. Resolution	400 dpi
Transmit Speed	Approx. 2 seconds with Super G3/JBIG[4]

Inserter (MX-CF11 option)

Type	Standing, 2 Trays
Paper Capacity	Upper Tray: 200 Sheets; Lower Tray: 200 Sheets (20 lb. bond)
Paper Weight	16 lb. bond to 100 lb. Bristol (paper feeding)
Paper Size	Up to 12" x 18"
Power Consumption	70 W or Less
Power Source	24 Volts (supplied by main unit)
Dimensions	21 1/2" (w) x 30" (d) x 50 1/2" (h)
Weight	Approx. 100 lbs.

Multi-folding Unit (MX-FD10 option)

Type	Floor Standing
Dimensions	13 1/2" (w) x 30 1/2" (d) x 41 1/2" (h)
Weight	Approx. 146 lbs.
Power Source	Powered by MX-FN21/FN22 finisher
Power Consumption	Maximum: Standby: 23 W or less; Operation: 150 W or less
Folding Modes	Z-fold, C-fold, accordion fold, double-fold, half-fold

4K Stacking 100-Sheet Staple Finisher (MX-FN21 option)

Type	4,000-sheet console staple finisher (100-sheet stapling)
Output Trays	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)
Stapling Capacity	Up to 100 sheets (letter)
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or 2 point stitching
Power Source	120 VAC, 60 HZ, 15 Amps
Power Consumption	200W
Weight	Approx. 134.5 lbs.
Dimensions	Approx. 30 3/4" (w) x 30" (d) x 41" (h) (with tray extended)

4K Stacking 100-Sheet Staple/Saddle Stitch Finisher (MX-FN22 option)

Type	4,000-sheet console staple finisher (100-sheet stapling)
Output Trays	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)
Stapling Capacity	Up to 100 sheets (letter)
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or 2 point stitching
Saddle Stitch	Center stitch/center fold (2 staples) letter/legal/ledger
Saddle Stitch Max. Sets	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)
Power Source	120 VAC, 60 HZ, 15 Amps
Power Consumption	200W
Weight	Approx. 238 lbs.
Dimensions	Approx. 30 3/4" (w) x 30" (d) x 41" (h) (with tray extended)

Optional Equipment

MX-LC15	Large Capacity Tray (letter)
MX-LC16	Large Capacity Tray (ledger)
MX-LT10	Long Paper Feeding Tray
MX-TR16	Right Side Exit Tray
MX-TU15	Center Exit Tray
MX-FN17	Inner Finisher[1]
MX-FN19	4K Stacking 50-sheet Staple Finisher[1]
MX-FN20	4K Stacking 50-sheet Staple/Saddle Stitch Finisher[1]
MX-FN21	4K Stacking 100-sheet Staple Finisher[1]
MX-FN22	4K Stacking 100-sheet Staple/Saddle Stitch Finisher[1]
MX-PN12B	3-Hole Punch Unit (MX-FN19, MX-FN20)
MX-PN13B	3-Hole Punch Unit (MX-FN21, MX-FN22)
MX-RB13	Relay Unit[1]
MX-RB15	Curl Correction Unit[1]
MX-RB23	Paper Pass Unit[1]
MX-RB24	Paper Pass Unit[1]
MX-TM10	Trimmer Unit (requires MX-FN22)
MX-CF11	2-Tray Inserter Unit[1]
MX-FD10	Multi-folding Unit[1]
AR-SC2	Staple Cartridge (for MX-FN19/FN20)
AR-SC3	Staple Cartridge (for MX-FN20)
MX-SCX1	Staple Cartridge (for MX-FN22)
MX-SCX2	Staple Cartridge (for MX-FN21/FN22)
MX-PUX1	XPS Expansion Kit (requires MX-565XPS1GB)
MX-565XPS1GB	1GB Memory Upgrade (required for MX-PUX1)
MX-PF10	Barcode Font Kit
MX-FX11	Fax Expansion Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge (required for AR-SU1 Stamp Unit)
MX-FWX1	Internet Fax Expansion Kit
MX-FR47U	Commercial Data Security Kit (available shortly after launch)
MX-EC50	CAC Reader (requires Data Security Kit)
MX-EB12N	Mirroring Kit
MX-AMX1	Application Integration Module
DVENDFS	Generic Vendor Interface Kit

Supplies

MX-754NT	Toner Cartridge
MX-754NV	Developer
MX-754DR	Drum
MX-700HB	Toner Collection Container

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[1] Some features require optional equipment. See your local dealer.

[2] May vary depending on product configuration, machine settings and operating and/or environmental conditions.

[3] Actual transmission time will vary based on line conditions.

[4] Based on Sharp Standard Test Chart with approximately 700 characters, letter size in standard resolution.

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