SHARP®

MX-2300N
MX-2700N

Advanced Color Document Systems

Sharp's MX Color Series color multifunction document systems are truly a departure from the ordinary. With an advanced scalable design, the new MX-2300N and MX-2700N offer all of the features you expect from a robust B&W MFP with the added benefit of cost-effective color. The MX Color Series combine brilliant imaging with advanced functionality at a surprisingly low total cost of ownership. Now, users can save time and money by producing professional color documents in-house with breathtaking image quality, while also watching the bottom line.

Sharp's Innovative Features

- Powerful 600 MHz true multitasking color document system

- Advanced Image Stabilization provides high quality images page after page

- Industry leading ImageSEND™ technology function scans documents to USB devices, network folders, email and more

- Network ready PCL6/PCL5c printing system with direct print function and available Postscript®3™ compatibility

- Large paper capacity - up to 5,600 sheets

- Super G3 fax option with PC fax and Inbound routing

- Supports Sharp's award winning multi-level document and MFP security suite

- Advanced web-based device management with on-board user manuals

The power and flexibility you need

With state-of-the-art color engine technology, the MX Color Series can help your business work smarter, not harder. The MX Color Series utilize a powerful **600 MHz true multi-tasking** controller that can easily process complicated color or B&W print jobs, even while documents are being scanned. But that's just the beginning, with a 100-sheet reversing document feeder, automatic duplexing and electronic sorting with offset stacking, you'll complete even large jobs in a snap. With Sharp's large customizable touch-screen display, operating the MX is simple and easy.

Reliability that will keep up with your business

The MX Color workgroup document systems are designed to provide exceptional performance and productivity day after day! With copy/print speeds up to 23 ppm and 27 ppm respectively (in both color or B&W), you will have your jobs finished with time to spare. A total on-line **paper capacity of up to 5,600 sheets** means that the MX is ready when you are.

Best-in-class image quality

With Sharp's micro-fine toner technology and **Advanced Image Stabilization**, the MX Color Series offer enhanced image definition and consistent density for **beautiful output page after page.** The MX-2300N/2700N Series also monitors ambient conditions during the imaging process and ensures optimum quality and color balance. The results are documents with crisp, clear images and dazzling high quality colors.

An easy-to-use, low maintenance color document system that makes sense

The MX-2300N and MX-2700N are designed to accommodate both large and small office environments. With a compact wingless design, the footprint of each base model is less than 24" x 27". Convenient, front-loading paper drawers and easy-to-change toner cartridges make maintaining the MX Color Series simple and uncomplicated. Our new long-life consumable parts and supplies minimize service intervals and down time, resulting in lower operating costs.

And to make managing all of the advanced features of your MX Color model simple and easy, ask your Authorized Sharp dealer about the **MY Sharp™** website. This dedicated customer training website is customized to your MX Color model and allows you to locate resources and find information specific to your configuration, truly helping you maximize your MFP investment.

Main Specifications

Base Models	MX-2300N/2700N: Base models include 600 MHz multi-tasking controller, 40 GB hard drive with document filing system, PCL5c/PCL6 network printing, network scanning, 100-sheet reversing single pass feeder, auto duplex, two 500-sheet paper drawers and 100 sheet bypass
Type	Desktop, color multifunction digital document system
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/Heat Roller fusing/Xenon lamp exposure
Originals	Sheets and bound documents
Max Original Size	11"x 17"
Copy Size	Min. 5 1/2" x 8 1/2", Max. 11"x 17" + 12" x 18"
Copy Speed	MX-2300N: 23 ppm B&W/23 ppm color MX-2700N: 27 ppm B&W/27 ppm color
Multiple Copy:	Max. 999 copies
First Copy time:	Platen glass: 6.3 seconds (B&W); 8.9 seconds (color) RSPF: 8.8 seconds (B&W); 13.9 seconds (color)(Based on letter size original using copy tray 1 with laser-unit motor running)
Warm Up Time	80 Seconds or less
Magnification	25% to 400% (1% increments and 9 presets; RSPF 25%–200%)
Original Feed System	100-sheet reversing single pass feeder (RSPF) with original size detection
Scan Speed	Up to 27 OPM (copy); up to 48 OPM (network scan/fax) based on single-side letter originals using standard resolution
Original Sizes	5 1/2" x 8 1/2 ", 8 1/2" x 11", 8 1/2" x 11" R, 8 1/2" x 14", 11" x 17" (13-34 lbs. bond)
Paper Feed System	Standard: Two 500-sheet paper drawers (letter, legal, ledger, statement size) and 100-sheet bypass tray (letter, legal, ledger, statement, envelope : 12" x 18" size)[2]. Optional: One 500-sheet paper drawer (letter, legal, ledger, statement size) or two 500-sheet paper drawers (letter, legal, ledger, statement size) and 3500-sheet large capacity tray (letter size). See local dealer for configurations.
Paper Types	Paper drawers and large capacity tray: 16-28 lb. bond paper. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass Tray: 16-28 lb. bond (plain paper), 15-16 lb. bond (thin paper), 28-56 lb. bond (heavy paper), 20-24 lb. bond (Monarch/Com-10 envelope), tab paper (letter only). Other types include label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color, and OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	600 MHz RISC processor
Interface	RJ-45 Ethernet (10/100BaseT), USB 2.0 (host port), USB 2.0 (device port)
Memory	Standard 768 MB (copier); 640 MB (printer/network scanning)
Hard Disk Drive	40 GB: 20 GB for document filing (10 GB temporary folder/10 GB custom folder) each folder stores approx. 1400 pages or 1000 files. 20 GB for printing user/job data and user manuals.
Copy Resolution	Scan: monochrome/color: 600 DPI; Copy Output (B&W/Color): 600 DPI
Color modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W), 2 Color Mode, Single Color mode
Exposure Control	Modes: Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo Settings: Auto exposure control or 9 step manual exposure
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), auto tray switching, rotation copy, mirror copy, tandem copy, book copy, margin shift, tab-paper insertion, edge erase, center erase, dual page copy, cover pages, insert pages, OHP insertion, job build, card shot, reverse image, black-white reversal, centering, proof copy, 2-in-1/4-in1, pamphlet, photo repeat, document filing, account management, job programs, date/text/page stamp (color).
Account Control	Up to 200 users. Supports user-number authentication (on device), login name/password (on device) or login name/password (on device via LDAP).
Output Tray Capacity	Main output tray (top) 500 sheets (face down); optional exit tray (right side) 100 sheets (face down)
Firmware	Flash ROM with USB and network update capability.
Power Source	AC 100-127 VAC, 60 HZ, 12 Amps
Power Consumption	Maximum: 1440 W or less; Sleep Mode: 13 W or less Low Power Mode: 138.55 W or less (MX-2300N)/153.95 W or less (MX-2700N)
Weight	Approx. 256 lbs. (base model)
Dimensions	Base Configuration: 24 13/32" (w) x 26.8 3/8" (d), x 37 25/64" (h)

Network Printing System (standard)

PDL	PCL6/PCL5c compatible
Resolution	1200 dpi (monochrome), 600 dpi, 300 dpi [3]
Print Speed	23/27 ppm (8 1/2" x 11" lateral feed, standard resolution)
Operating Systems	Windows® 98, Windows Me, Windows XP, Windows XP x64, Windows NT®4 (SP5 or later), Windows 2000, Windows Server® 2003, Windows Vista™, Windows Vista x64, Unix®, Novell® NetWare® 3.x/4.x/5.x, MAC OS® 9.x, MAC® OSX
Software	Print drivers, printer status monitor and printer administration utility
ROPM	Yes (rip once print many)
Features	Continuous printing, duplex printing, pamphlet printing, N-up printing, image rotation, different cover page/last page, transparency inserts, tab printing, carbon copy print, fit- to-page, poster print, margin shift, mirror image, watermarks, overlay, confidential print, confidential batch print, print hold, proof print, bypass printing, job priority, job control, tandem printing and direct printing (Note: some features not available on certain print drivers).
Direct Printing	File Types: TIFF, JPEG, PCL, TXT, PDF, Encrypted PDF, and PS [4] Methods: FTP, Web page, E-mail and USB memory
Resident Fonts	80 outline fonts
Interface	RJ-45 Ethernet connection; 10/100 BaseT; USB 2.0
Print Drivers	Windows 98, Windows Me, Windows NT4.0 (SP5 or later), Windows 2000, Windows XP, Windows XP x64, Windows Server 2003, Windows Vista, Windows Vista x64, MAC PPD (optional), MAC OS9, MAC OSX
Network Protocols	TCP/IP for Windows and Unix environments including HTTPS and SSL. IPX/SPX for Novell environments and EtherTalk for Macintosh environments
Printing Protocols	LPR, IPP, PAP, Raw TCP (port 9100), FTP, Novell Pserver/Rprinter
Network Security	IP/MAC address filtering, protocol enable/disable, port management, user authentication and document administration.

Network Scanning System (standard)

Max Original Size	11" x 17"
Optical Resolution	600 DPI
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi
Scan Modes	Color, monochrome, grayscale
Image Formats	Monochrome: TIFF, PDF, Encrypted PDF Color: Grayscale, Color TIFF, JPG, PDF, Encrypted PDF Internet Fax: TIFF-FX (TIFF-F/TIFF-S)
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low)Internet Fax mode: MH/MMR (option)
Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-Touch	Up to 999 destinations (combined with scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs in Memory	Up to 94
Network Protocols	TCP/IP (includes SMTP, LDAP, FTP, SMB)
Network Security	E-mail server user authentication and user account control
Configuration Method	Web-based management with user/administrator level login security
Software	Sharpdesk® desktop document management software (1 user license)

B&W Super G3 Fax Kit (option)

Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS [5]
Compression Type	JBIG, MMR, MR, MH
Scanning Method	Sheet fed simplex or duplex or book
Max. Transmit Resolution	400 DPI (ultra-fine)
Transmit Speed	Approximately 2 Seconds with JBIG [6]
Auto Dialing	Up to 999 destinations (combined with scan destinations)
Group Destinations	Up to 500
Inbound Routing	Forwards received fax data to E-mail
Originals	Up to 31.5" (for transmission)
Programs	48 (combined)
Memory	8 MB (exclusive)
Halftone	256 levels
Features	Quick on-line transmission, direct transmission, F-Code transmission/ reception, rotate transmission, anti-junk fax reception, automatically staple received faxes, secure fax release, out of paper memory reception, auto redial, duplex reception transaction reports, activity reports and PC fax.

Inner Finisher (option)

Type	Built-in finisher (hole-punch unit option)
Output Capacity	500 sheets (letter or statement) or 250 sheets (12" x 18", ledger, or legal)
Output Delivery	Face down
Stapling Media	Plain paper, (letter, legal, or ledger size)
Stapling Positions	1 front, 1 rear, or both
Power Source	Supplied from main unit
Max. Pages for Stapling	50 sheets (letter size) or 25 sheets (legal, ledger or mixed same-width size)
Stapled Sets	30 bundles or 500 sheets (letter or statement size) or30 bundles or 250 sheets (legal or ledger size)
Hole Punching	Optional hole-punch unit MX-PNX1B (3-hole/2-hole)
Weight	Approx. 23.6 lbs.
Dimensions	25 12/64" (w) x 23 27/64" (d) x 8 5/64" (h) (includes extended tray)

Saddle Stitch Finisher (option)

Type	Console finisher with dual exit trays (mounts on left side of host machine)
Output Trays	Upper tray: Offset stack tray Lower tray: Book tray for saddle stitch
Output Capacity	1000 sheets (letter/statement size) or 500 sheets (legal, ledger or letter-R size)
Max. Pages for Stapling	30 sheets (letter/statement) or 25 sheets (legal, ledger or mixed same-width)
Output Delivery	Face down
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or both
Saddle Stitch Function	Center stitch/center folding (2 staples) letter/ledger paper sizes
Saddle Stitch Maximum Sets	Up to 10 sets (6-10 sheets per set)/up to 20 sets (1-5 sheets per set)
Power Consumption	52 W or less
Hole Punching	Optional hole punch unit AR-PN1B (2 holes/3 holes)
Weight	Approx. 101.4 lbs.
Dimensions	26 11/64" (w) x 24 1/64" (d) x 41 21/64" (h) (with tray extended)

Large Capacity Tray (option)

Type	Large capacity paper feed desk
Paper Size	Letter size, 16-21 lbs. Bond
Capacity	3500 sheets
Paper Types	Plain paper, pre-printed, recycled, letterhead, pre-punched and colored paper
Power Source	Supplied from main unit
Power Consumption	26.4 W, 40.8W when tray is rising
Weight	Approx. 63.9 lbs.
Dimensions	14 9/16" (w) x 21 21/32" (d) x 20 15/32" (h)

Optional Equipment

MX-DEX1	Stand/1 x 500 Paper Desk
MX-DEX2	Stand/2 x 500 Paper Desk
MX-27ABD	Rolling Cabinet Base
MX-LCX1	Large Capacity Tray
MX-FNX1	Inner Finisher
MX-FNX2P	Saddle Stitch Finisher/Paper Pass Unit
MX-PNX1B	Punch unit (for Inner Finisher)
AR-PN1B	Punch Unit (for Saddle Stitch Finisher)
MX-TRX1	Exit Tray Unit
MX-PKX1	Postscript 3 Compatible Expansion kit
MX-FWX1	Internet Fax kit
MX-FXX1	Facsimile Expansion kit
AR-PF1	Bar Code Font kit
MX-AMX1	Application Integration Module
MX-FRX1	Data Security Kit (common criteria version)
MX-FRX1U	Data Security kit (commercial version)

Supplies

MX-27NTBA	Black Toner Cartridge
MX-27NTCA	Cyan Toner Cartridge
MX-27NTMA	Magenta Toner Cartridge
MX-27NTYA	Yellow Toner Cartridge
MX-27NVBA	Black Developer
MX-27NVSA	Cyan/Magenta/Yellow Developer
MX-27NRSA	Drum

1 Some features require optional equipment
2 Paper capacity is based on specified paper types
3 1200 DPI printing requires optional PS3 kit
4 PS printing requires optional PS3 kit
5 Actual transmission time will vary based on line conditions
6 Based on Sharp Standard Test Chart with approximately 700 characters, letter size in standard resolution

ImageSEND

OSA™ Sharp Open Systems Architecture

mV™ SHARP

ENERGY STAR

Design and Specifications subject to change without notice. Sharp, Sharp OSA, Sharpdesk, My Sharp and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Windows, Windows NT, Windows Server and Windows Vista are trademarks or registered trademarks of Microsoft Corporation. All other trademarks are the property of their respective owners.

SHARP®