SHARP

MX-3050N MX-3550N MX-4050N

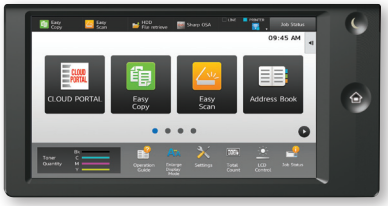
ESSENTIALS SERIES COLOR DOCUMENT SYSTEMS

The new benchmark of innovation.

The Sharp MX-3050N, MX-3550N, and MX-4050N Essentials Series color workgroup document systems offer stunning color output with exceptional ease of use. These new models are designed to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The new color Essentials Series focuses on value as well as user operability, and draws inspiration from the latest networking and imaging technologies available today, all to create a document system that delivers the productivity you need, with the reliable performance you want.

Key Features

- **Ease of Use** – Sharp's customizable touchscreen display offers a user-friendly graphical interface with a clean design, simplified Easy Modes, and integrated operation guide.
- **Integration** – Available Sharp OSA® modules enable easy integration with network applications and cloud services, which can unlock advanced capabilities to help you better manage your workflow.
- **Productivity** – Standard full multifunction capability out-of-box, including copying, PCL® 6 network printing and color network scanning, combines with an easy-to-use graphical interface and a 10-second warm up time to offer unmatched value.



Provides up to six paper sources for a maximum paper capacity of 6,300 sheets.

Select staple finishers also offer manual stapling and stapleless stapling.

Sharp's ImageSEND™ feature provides one-touch distribution to email, cloud applications and more.

The Sharp color Essentials Series deliver cutting-edge technology and powerful productivity.

- Network-ready **PCL 6 and available true Adobe® PostScript® 3™** printing systems combined with available **DirectOffice technology** lets you direct print PDFs, select Microsoft Office formats, and more!
- Available **wireless networking** feature can connect directly to your network or to mobile devices for convenient printing and scanning with the **Sharpdesk® Mobile App**.
- Large 10.1" (diagonally measured) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- **Easily access popular cloud applications**, including Microsoft® OneDrive™ for Business, SharePoint® Online, and Google Drive™ with Sharp's available Cloud Connect features.
- **Cloud Portal Office**, an available content management software service from Sharp for storing and sharing scanned documents and other electronic files, helps keep your whole team connected.
- Standard **100-sheet reversing single-pass document feeder** scans documents at speeds up to **80 images per minute (ipm)**.
- Sharp's **Color Consistency System** with next generation image process control delivers high-quality color output and maintains optimum color balance and toner density page after page.
- Available **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.
- Flexible paper handling system supports media up to **110 lb. cover (300 gsm)** and up to **12" x 18"** through the paper trays, allowing you to print on a wide variety of media.

MX-3050N/3550N/4050N SPECIFICATIONS

Main Specifications	
MX-3050N/3550N/4050N	Base models include multitasking controller, 100-sheet RSPF and PCL 6 printing system, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray. Black and color developer is included.
Type	Color 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 fusing/white LED exposure
Originals	Sheets and bound documents
Max. Original Size	11" x 17"
Copy Size	Min. 5½" x 8½", Max. 11" x 17" + 12" x 18"
Copy Speed	30/35/40 ppm B&W/Color (8½" x 11")
Multiple Copy	Max. 9,999 copies

First Copy Time Seconds[2]		MX-3050N	MX-3550N	MX-4050N
	Platen Glass	Mono 4.7	Mono 4.7	Mono 4.7
		Color 6.7	Color 6.7	Color 6.7
	RSPF	Mono 7.6	Mono 7.6	Mono 7.6
		Color 9.7	Color 9.7	Color 9.7

Warm Up Time	10 seconds or less
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	100-sheet RSPF with original size detection.
Scan Speed	Copy: Up to 80 ipm (B&W)/41 ipm (Color) Scan: Up to 80 ipm (B&W/Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Paper Capacity	Standard: 650 Sheets/Maximum: 6,300 Sheets
Paper Feed System	Standard: (1) 550-sheet paper drawer (letter/legal/ledger/ statement size) and 100-sheet bypass tray (letter/legal/ledger/ statement/envelope size). Optional: Single, double, or triple drawer paper deck (550, 1,100, or 1,650 sheets), split tandem paper drawer (2,100 sheets letter only) plus (1) 550-sheet paper drawer (letter/legal/ledger/statement size).
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Split Tandem Tray: 18 lb. bond to 28 lb. bond. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), 20-24 lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.75 GHz multi-processor design
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0: 2 host ports (front and rear), 1 device port (rear)
Memory	Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB
Hard Disk Drive	250 GB
Copy Resolution	Scan: 600 x 600 dpi (B&W/Color) Copy Output: Up to 600 x 600 dpi
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control	Modes: Automatic, 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 Color Selection (ACS), 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	Center Exit Tray (Main): 250 sheets (face down) Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)

Main Specifications *(continued)*	
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	Free stop tilting 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, Blue Angel (RAL-UZ171)
Power	AC 110-127 VAC, 60 HZ, 12 Amps
Power Consumption	1.44 kW or less
Weight	Approx. 173 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)

Network Printing System	
PDL	Standard PCL® compatible 6, optional Adobe® PostScript® 3™
Resolution	600 x 600 dpi
Print Speed	30/35/40 pages per minute (8½" x 11")
Print Drivers	Windows Server® 2008, Windows Server 2008 x64, Windows 7, Windows 7 x64, Windows 8.1, Windows 8.1 x64, Windows Server 2012 x64, Windows 10, Windows PPD, MAC OSX® (including 10.4 to 10.11), all MAC PPD, UNIX®, Linux®
Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, 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, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Operating Systems	Windows Server 2008, Windows Systems 7, Windows 8, Mac OS X10.4-10.11, Novell® NetWare®, Unix, Linux, Citrix®, and SAP device types[1]
Network Protocols	TCP/IP (IPv4, IPv6, IPSEC) TLS (HTTP, IPP, FTP), SNMPv3, SMTP, POP3, LDAP, 802.1x for Windows and Unix. LPD and LPR for Unix. 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	DoD (NSTISSP) #11

Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)[1]
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, and XPS Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, and XPS. Internet Fax: TIFF-FX, TIFF-F, and TIFF-S[1]
Scan Destinations	Email, 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)

Network Scanning System *(continued)*	
Max. Jobs	Up to 100
Network Protocols	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP and 802.1x
Network Security	Email server user authentication for LDAP and Active Directory
Software	Sharpdesk® desktop personal document management software (1 user license included), Sharpdesk Mobile (download)

Direct Print Expansion Kit (Option)	
File Types	TIFF, JPEG, PCL, PRN, TXT, PNG, DOCX, XLSX, and PPTX Optional: PDF, Compact PDF, Encrypted PDF, and PostScript
Methods	FTP, SMB, Web page, Email and USB memory

Optional Equipment	
MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25	Stand/1 x 550-sheet Paper Drawer
MX-DE26	Stand/2 x 550-sheet Paper Drawers
MX-DE27	Stand/3 x 550-sheet Paper Drawers
MX-DE28	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-LC17	3,000-sheet Large Capacity Cassette (letter, requires MX-DE25/26/27/28)[5]
MX-LT10	Long Paper Feeding Tray
MX-FN27	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher[5]
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher[5]
MX-RB25	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)[5]
MX-SCX1	Staple Cartridge for MX-FN27/28/29
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19	Right Side Exit Tray
MX-TR20	Job Separator Tray
MX-TU16	Center Exit Tray
MX-EB11	Compact PDF Kit
MX-EB18	Wireless LAN
MX-FX15	Fax Expansion Kit
MX-FWX1	Internet Fax Kit
MX-PF10	Bar Code Font Kit
MX-PK13	Adobe® PostScript® 3™ Expansion Kit
MX-PU10	Direct Print Expansion Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1	Application Integration Module
MX-AMX2	Application Communication Module
MX-AMX3	External Accounting Module
MX-FR51U	Commercial Data Security Kit (not available at time of launch)
DVENDFS	Generic Vendor Interface Kit

Supplies	
MX-60NTBA	Black Toner Cartridge
MX-60NTCA	Cyan Toner Cartridge
MX-60NTMA	Magenta Toner Cartridge
MX-60NTYA	Yellow Toner Cartridge
MX-60NVBA	Black Developer
MX-60NVSA	Cyan/Magenta/Yellow Developer
MX-60NRSA	Drum
MX-607HB	Toner Collection Container

[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.

[5] Available early 2016.

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