

ESSENTIALS SERIES COLOR DOCUMENT SYSTEMS



The Sharp Essentials Series color document systems deliver strong value, enhanced integration, and powerful productivity.

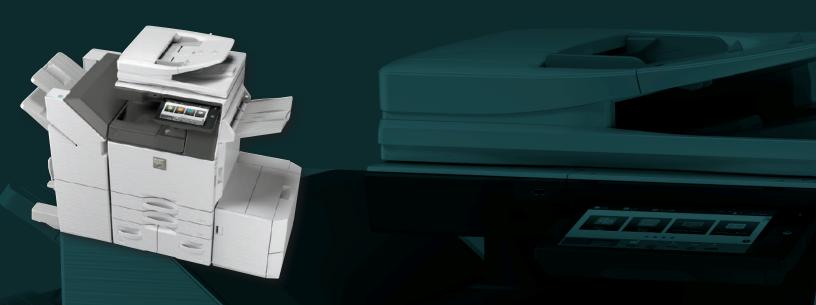
THE NEW BENCHMARK OF INNOVATION

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.

The MX-3050N, MX-3550N, and MX-4050N color Essentials Series offer customers powerful multitasking features enabling them to quickly execute the ever-changing workflow tasks of today's busy office environments. And with Sharp's industry-leading security features, you can rest assured that your intellectual property is protected from the first day of operation to the time of trade-in.



DESIGNED TO DELIVER PERFORMANCE AND PRODUCTIVITY



EASY-TO-USE

ENHANCED INTEGRATION

VERSATILE PRODUCTIVITY

A flexible design plus multifunctional capability allow you to meet tomorrow's document needs today.

- 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.
- 600 x 600 dpi printing provides clear, crisp images and enhanced clarity for fine details such
 as small text and graphics.



Provides up to six paper sources with available 550 + 2,100-sheet split tandem paper drawers and 3,000-sheet large capacity cassette.



ENHANCED FUNCTIONALITY - INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



Standard Copy Screen offers more advanced features.



Available wireless network interface for convenient scanning and printing from mobile devices.

From paper handling to networking, the MX-3050N, MX-3550N, and MX-4050N color Essentials Series will exceed your expectations.

Simple and Intuitive Operation

From the most basic of copy functions, to the most complex scan jobs, the color Essentials Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. And for more advanced features, just touch the "Details" button—it's that easy.

A "Well-connected" Device

Connecting a multifunction printer (MFP) to your wireless network and accessing it from mobile devices has never been so easy with the color Essentials Series' available wireless networking features. Print from or scan to popular cloud services such as Microsoft OneDrive for Business, SharePoint Online, and Google Drive with Sharp's Cloud Connect features.* Single Sign-on (SSO) support for accessing these services makes scan-to-folder and scan-to-email operations simpler than ever. Even printing from your desktop is made easier with Sharp's standard serverless Print Release function. Easily send a job to one device, and print it on another where it's most convenient for you.

The Productivity You Need, the Performance You Want

When it's time to get the job done, the Essentials Series color document systems are outstanding performers. Quickly scan documents at speeds up to **80 images per minute**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There's even an available built-in **stapleless staple** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets.



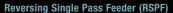


MX-4050N shown with 3K saddle stitch finisher and large capacity cassette.

^{*}Some features require optional equipment.

The MX-3050N/3550N/4050N Essentials Series color document systems provide high-performance functionality adaptable to your business needs.

innovative features



Standard 100-sheet reversing document feeder scans up to 80 ppm.

Advanced Network Scanning

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

Easy-to-Use Smart Touchscreen

Tablet-style menu provides quick access to features and functions.

High Quality Printing

600 x 600 dpi resolution produces razor-sharp documents. Available true Adobe[®] PostScript[®] 3TM drivers offer extensive job control.

In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

Saddle Stitch Finishers

Make high quality booklets up to 80 pages.

On-board Document Storage

Sharp's easy-to-use Document Filing System enables users to store frequently used files.

Enhanced Security Features

256-bit data encryption with up to 10-times data overwrite, as well as Sharp's convenient End-of-Lease feature.

Large Capacity Cassette

Large capacity cassette option adds an additional 3,000 sheets of paper for a total on-line capacity of up to 6,300 sheets.



Sharp's Color Consistency System combines Micro-fine Toner with Developer Refresh and advanced Image Process Control. These processes help ensure color output is always at peak performance.

Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

Flexible Paper Handling

Paper drawers feed up to 12" x 18" and support media up to 300 gsm. 550-sheet capacity makes it easy to reload a full ream of paper. A high capacity split tandem drawer is also available.



ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Direct print to popular file formats seamlessly with Sharp's available direct print expansion kit.¹



Distribute, access and print documents more easily.



With serverless Print Release technology you can securely print a job and release it from any of five color Essentials Series models.

Powerful document workflow solutions help you work more efficiently.

Simplify Printing Your Files with Direct Printing

With the available Direct Print Expansion Kit, you can print popular file formats including **Microsoft Word, PowerPoint**, and **Excel**, as well as a variety of PDF formats from thumb drives, cloud applications, and mobile devices.¹ This function is enabled via **DirectOffice™** technology. With this much flexibility, you can speed through your workflow tasks faster than ever!

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to send documents to the destinations you need and goes beyond traditional network scanning with standard Cloud Connect features. Easily scan documents to Microsoft OneDrive for Business, SharePoint Online, and Google Drive without additional middleware. You can also print from these cloud applications. With Single Sign-On capability, accessing them is virtually seamless! Sharp also makes it easy to collaborate and share documents with available Cloud Portal Office document storage and sharing service. Capture, index, and archive your documents easily and securely.

Scan and Print Files Easily from Mobile Devices

The Essentials Series color document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk® Mobile**, a free downloadable app available for most common mobile devices.² The color Essentials Series also supports popular mobile technologies such as **MopriaTM**, **AndroidTM printing framework** and **Google Cloud PrintTM**.³ You can print locally from your device or download files from supported cloud applications. Since the color Essentials Series can connect to mobile devices through a **point-to-point wireless connection**, there is no interference with your corporate network!.¹

Flexible Printing Solutions Help Speed Up Your Office Productivity

The color Essentials Series offer standard PCL® 6 and optional true Adobe® PostScript® 3TM printing systems to help you speed through all of your output needs with accuracy. To help streamline your jobs, these powerful performers include serverless Print Release technology, enabling you to securely print a job and release it from up to five color Essentials Series models on your network. And with Google Cloud Print web printing service, you can print from ChromebookTM notebook computers, PCs and more from virtually anywhere.

Simplify Complex Business Workflows

Sharp OSA® technology can help your business leverage the power of your network applications, back-end systems and cloud services.¹ Easily automate complex processes and help eliminate redundant tasks. Create your own custom integrations or take advantage of the growing portfolio of Sharp OSA applications available from Sharp Partner Program members.

¹ Some features require optional equipment and/or software/services.

² Go to www.sharpusa.com for a list of supported devices and operating systems.

³ Available early 2016.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

Businesses require that the devices on their networks are properly managed and closely monitored to ensure their data remains uncompromised. To help achieve this, the MX-3050N/3550N/4050N Essentials Series offer powerful device management utilities, web-based customer training, and advanced, multi-layered security features.

With the **Sharp Remote Device Manager (SRDM)***, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Its event-driven service alerts help you monitor the device and maximize uptime. The **Remote Front Panel** feature allows administrators to view and control the machine's LCD panel from a PC to troubleshoot issues and train operators remotely. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access, and track usage** of each device on the network.* And with **My SharpTM**, you get a dedicated training website customized to your model and configuration to help you understand and utilize all of the advanced features of your **SHARP**.



To help protect employees' privacy and intellectual property, the color Essentials Series is armed with a variety of security measures, including features such as data encryption, data overwrite protection, and data erase. Multiple security protocols help restrict access to the device while in operation, and a convenient End-of-Lease feature overwrites all data at time of trade-in. Authority Groups help manage and restrict specific copying, printing, scanning, and fax features to safeguard data and control costs. The Admin Audit Log feature allows IT administrators to track activity on the device. Confidential Printing and Secure Fax Release help ensure that sensitive documents are kept safe by requiring users to enter a PIN code in order to print them.

These scalable security offerings aim to **protect your intellectual property**, preserve confidential information and help your business meet regulatory requirements including the Health Insurance Portability and Accountability Act (HIPAA) and the Family Educational Rights and Privacy Act (FERPA). For additional information visit: www.sharpusa.com/security.

*Some features require optional equipment and/or software.



ENVIRONMENTAL COMMITMENT









An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. Sharp adheres to Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair, and easy to take apart for recycling.

The MX-3050N/3550N/4050N document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have the lowest TEC value among competitive models, at time of this printing. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to helping preserve the environment, Sharp offers our customers zero-waste-to-landfill recycling for 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.

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.

MX-3050N/3550N/4050N SPECIFICATIONS

Line controller 400	Main Specification Firmware	Flash ROM with local (USB), network update capability	Max. Jobs	g System (continued)
king controller, 100-sheet	I II II II Wal C	riasii noivi willi local (USD), lielwork upuale capability	Max. Juus	Up to 100
em, network scanning, auto er drawer, 100-sheet bypass	Management	and firmware update 1 to N with SRDM (Sharp Remote Device Manager)	Network Protocols	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP and 802.1x
er is included.	Device Setup	Web-based management/cloning with user/administrator	Network Security	Email server user authentication for LDAP and
ocument system		level login		Active Directory
color dot matrix high-resolution 024 x 600 dots (W-SVGA)	Service/Functions	Remote Front Panel, remote access to service logs and click counts	Software	Sharpdesk® desktop personal document management software (1 user license included), Sharpdesk Mobile
vork scan, document filing and fax1	Accessibility	Free stop tilting front panel, adjustment of key touch sound		(download)
al component developer/	Features	and speed, concave key, document feeder free stop, job		
t/OPC drums/Belt fusing/white		programs, remote front panel, universal grip for paper trays, and disable screen timeout	Direct Print Expar File Types	TIFF, JPEG, PCL, PRN, TXT, PNG, DOCX, XLSX, and PPTX
3	Environmental	International Energy Star Program Ver. 2.0, European RoHS,	riie rypes	Optional: PDF, Compact PDF, Encrypted PDF, and PostScript
	Standards	Blue Angel (RAL-UZ171)	Methods	FTP, SMB, Web page, Email and USB memory
17" + 12" x 18"	Power	AC 110-127 VAC, 60 HZ, 12 Amps		,
⁄2" x 11")	Power Consumption		Optional Equipme	nt
	Weight	Approx. 173 lbs.	MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-3550N MX-4050N	Dimensions	Approx. 24" (w) x 26" (d) 33" (h)	MX-DE25	Stand/1 x 550-sheet Paper Drawer
Mono 4.7 Mono 4.7 Color 6.7 Color 6.7	Notwork Drinting C	history	MX-DE26 MX-DE27	Stand/2 x 550-sheet Paper Drawers Stand/3 x 550-sheet Paper Drawers
Mono 7.6 Mono 7.6	Network Printing S PDL	Standard PCL® compatible 6, optional Adobe® PostScript® 3 TM	MX-DE28	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
Color 9.7 Color 9.7	Resolution	600 x 600 dpi	MX-LC17	3,000-sheet Large Capacity Cassette
	Print Speed	30/35/40 pages per minute (8½" x 11")		(letter, requires MX-DE25/26/27/28) ⁵
nts (with document feeder	Print Drivers	Windows Server® 2008, Windows Server 2008 x64, Windows	MX-LT10	Long Paper Feeding Tray
		Vista®, Windows Vista x64, Windows 7, Windows 7 x64,	MX-FN27	50-sheet Staple Inner Finisher
size detection.		Windows 8.1, Windows 8.1 x64, Windows Server 2012 x64,	MX-FN28	1K Stacking 50-sheet Staple Finisher
ipm (Color)		Windows 10, Windows PPD, MAC OSX® (including 10.4 to	MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
or) x 11" R, 8½" x 14", 11" x 17"	Features	10.11), all MAC PPD Auto configuration, serverless print release, bar code	MX-FN30 MX-FN31	3K Stacking 65-sheet Staple Finisher ⁵ 3K Stacking 65-sheet Staple/Saddle Stitch Finisher ⁵
um: 6,300 Sheets	i catal co	font printing, carbon copy print, chapter inserts, color	MX-RB25	Paper Pass Unit (required for MX-FN28/29/30/31)
er drawer (letter/legal/ledger/		adjustment settings, color mode, confidential print,	MX-PN14B	3-Hole Punch Unit (requires MX-FN27)
et bypass tray (letter/legal/ledger/		continuous printing, custom image registration, different	MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
tional: Single, double, or triple		cover page/last page/other page, document control,	MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31) ⁵
00, or 1,650 sheets), split tandem		document filing, duplex printing, electronic sorting, folding,	MX-SCX1	Staple Cartridge for MX-FN27/28/29
etter only) plus (1) 550-sheet		form overlay, hidden pattern print, image rotation, image	AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
ger/statement size). o 110 lb. cover.		stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem	MX-SC11 MX-SC12	Staple Cartridge for MX-FN30/31 Saddle-stitch Staple Cartridge for MX-FN31
nd to 28 lb. bond.		print, N-up printing, offset stacking, page interleave,	MX-TR19	Right Side Exit Tray
in, pre-printed, recycled,		pamphlet style, poster print, proof print, print and send,	MX-TR20	Job Separator Tray
color paper.		punching, stapling, tab paper print, tab printing, toner	MX-TU16	Center Exit Tray
plain paper), 13-16 lb. bond		save mode, transparency inserts, tray status, user	MX-EB11	Compact PDF Kit
lb. cover (heavy paper), 20-24		authentication, watermarks, zoom print	MX-EB18	Wireless LAN
nvelope), tab paper (letter). Also printed, recycled, pre-punched,	Resident Fonts Interface	80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless	MX-FX15 MX-FWX1	Fax Expansion Kit Internet Fax Kit
-рингеа, гесуства, рге-ранспеа, HP film.		Windows Vista, Windows Server 2008, Windows Systems 7,	MX-PF10	Bar Code Font Kit
opying and printing		Windows 8, Mac OS X10.4-10.11, Novell® NetWare®,	MX-PK13	Adobe® PostScript® 3™ Expansion Kit
sor design		UNIX®, Linux® and Citrix® (XenApp 5.0, 6.0, 6.5, 7.5, 7.6)	MX-PU10	Direct Print Expansion Kit
Base-T), USB 2.0: 2 host ports		and Windows Terminal Services, SAP device types ¹	AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
t (rear)	Network Protocols	TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3,	AR-SV1	Stamp Cartridge
ared)/Hard Disk Drive: 250 GB		SMTP, POP3, LDAP, 802.1x for Windows and Unix. LPD and LPR for Unix. AppleTalk® for Macintosh® environments.1	MX-AMX1 MX-AMX2	Application Integration Module Application Communication Module
olor)	Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP,	MX-AMX3	External Accounting Module
O dpi		and Novell Pserver/Rprinter	MX-FR51U	Commercial Data Security Kit (not available at time of laund
II Color Mode, Monochrome (B/W)	Network Security	IP/MAC address filtering, protocol filtering, port management,	DVENDFS	Generic Vendor Interface Kit
/Photo, Text/Printed-Photo,		user authentication and document administration ¹		
ale-Color Document.	Security Standards	IEEE-2600™-2008, DoD (NSTISSP) #11	Supplies MX-60NTBA	Black Toner Cartridge
ual ochrome)	Network Scanning	System	MX-60NTCA	Cyan Toner Cartridge
onic sorting, offset-stacking,	Scan Modes	Standard: Color, monochrome, grayscale	MX-60NTMA	Magenta Toner Cartridge
ito Paper Selection (APS), Auto		11" x 17"	MX-60NTYA	Yellow Toner Cartridge
, Auto Tray Switching (ATS),	Optical Resolution	600 dpi	MX-60NVBA	Black Developer
age skip, book copy, book divide,	Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi	MX-60NVSA	Cyan/Magenta/Yellow Developer
ring, cover pages, dual page copy,	Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)	MX-60NRSA	Drum
e preview, insert pages, job build, irror image, mixed size original,	Compression	Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ¹	MX-607HB	Toner Collection Container
nal count, pamphlet style, proof	Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, and XPS		
opy, rotated copy, stamp, stamp		Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF,		
ground, tab copy, tab-paper		Encrypted PDF, and XPS.		
save mode, transparency inserts,		Internet Fax: TIFF-FX, TIFF-F, and TIFF-S¹	Some features require optional equipment. See your local dealer. May vary depending on product configuration, machine settings and operating and/or environmental conditions.	
3-in-1 multi shot	Scan Destinations			
e/LDAP password	One-touch			
sheets (face down)		op to 2,000 (combined scan destinations)		in time will vary based on line conditions.
00 sheets (face down)		Up to 500	⁴ Based on Sharp Standard Test Chart with approximately 700 characters, letter size in standard resolution. ⁵ Available early 2016.	
ets (face down)	Programs	48 (combined)		
3-in-1 i user-n e/LDA sheets 00 sh	multi shot umber authentication, login P password (face down) eets (face down)	multi shot Scan Destinations umber authentication, login P password (face down) ets (face down) Scan Destinations One-touch Destinations Group Destinations	multi shot umber authentication, login P password (face down) eets (face down) Scan Destinations Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option) Up to 2,000 (combined scan destinations) Up to 500	multi shot Scan Destinations Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option) P password One-touch (face down) Destinations eets (face down) Group Destinations Up to 500 Up to 500 Up to 500 Letter size in stand

















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