

DYNAMIC PERFORMANCE WITH FIRST-RATE OPERABILITY

Full-color ledger-size workgroup document systems



Sharp's new MX-4140N/4141N/5140N/5141N color series document systems combine the simplicity of touch-screen menu navigation with robust multi-tasking workflow features that can help virtually any office accomplish more in less time. A large 10.1" (diagonally measured) high-resolution, tilting touch-screen display offers groundbreaking real-time image preview with intuitive flick-and-tap editing to help ensure your documents are produced accurately and without waste.

This new series also offers many advanced features such as a fully customizable home screen, dynamic action menus that provide feature-specific guidance, and a full-size retractable keyboard for easy data entry. Plus, with Sharp's enhanced second-generation micro-fine toner technology and true 1200 x 1200 dpi print resolution, this new series can help your business produce professional looking color documents in-house with breathtaking image quality that is also economical. The new MX-4140N/4141N/5140N/5141N color series has been built on the latest Sharp OSA® development platform, making integration with network applications and cloud services easier than ever. And with Sharp's industry-leading security platform with standard 256-bit data encryption and overwrite protection, you can rest assured that your intellectual property is well protected.



Advanced features plus multi-functional capability allow you to meet tomorrow's document needs today.

- Large 10.1" (diagonally measured) high resolution touch-screen display offers real-time image preview feature with flick, tap and slide navigation, and pinch-and-zoom capability to shrink and enlarge images
- Fully customizable home screen feature enables users to add custom backgrounds and icons, change the display language and more
- 2,000-sheet tandem paper drawer option expands maximum online paper capacity to 6,600 sheets
- Flexible paper handling system feeds up to 80 lb. cover through the paper trays and up to 110 lb. cover through the bypass tray
- Scan both sides of a document in a single pass at up to 170 IPM with the standard 150-sheet duplexing document feeder (standard on the MX-4141N/5141N)
- 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 (standard on the MX-4141N/5141N).
- Full-size, retractable keyboard allows quick, easy and accurate data entry (standard on the MX-4141N/5141N)
- 1200 x 1200 dpi printing provides clear, crisp images even on jobs with fine detail
- Network ready PCL®6 and true Adobe® PostScript®3™ printing systems with direct print function and available XPS option (standard on the MX-4141N/5141N)
- Pantone Licensing offers unprecedented levels of color fidelity to the PANTONE MATCHING SYSTEM®
- Standard Wireless LAN connects to your network or allows users to print to and scan from the device via Sharpdesk® Mobile
- Supports the latest Sharp OSA development platform, enabling businesses to easily integrate with network applications and cloud services
- Supports Sharp's award-winning security platform with standard 256-bit data encryption, up to 7 times overwrite protection, and convenient End-of-Lease feature



MX-4140N/4141N/5140N/5141N SPECIFICATIONS

Main Specifications

| MX-4140N/4141N/5140N/5141N | Base models include multitasking controller, 100-sheet RSPF (MX-4140N/5140N)/150-sheet DSPF (MX-4141N/5141N), PCL [®] 6 and Adobe [®] PostScript [®] 3 [™] printing systems, network scanning, auto duplexing, 2 x 500-sheet paper drawers, 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-5V/GA) | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | |
| Max Original Size | 11" x 17" | | | | | | | | | | | | | | | | | | | | |
| Copy Size | Min. 5½" x 8½", Max. 11" x 17" + 12" x 18" | | | | | | | | | | | | | | | | | | | | |
| Copy Speed | 41/51 ppm B&W/Color (8½" x 11") | | | | | | | | | | | | | | | | | | | | |
| Multiple Copy | Max. 999 copies | | | | | | | | | | | | | | | | | | | | |
| First Copy Time Seconds² | <table border="1"> <thead> <tr> <th></th> <th>MX-4140N</th> <th>MX-4141N</th> <th>MX-5140N</th> <th>MX-5141N</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>4.7</td> <td>6.7</td> <td>4.7</td> <td>6.7</td> </tr> <tr> <td>Color</td> <td>6.7</td> <td>10.3</td> <td>7.0</td> <td>8.8</td> </tr> <tr> <td>Doc. Feeder</td> <td>7.7</td> <td>9.8</td> <td>7.4</td> <td>10.3</td> </tr> </tbody> </table> | | MX-4140N | MX-4141N | MX-5140N | MX-5141N | Black | 4.7 | 6.7 | 4.7 | 6.7 | Color | 6.7 | 10.3 | 7.0 | 8.8 | Doc. Feeder | 7.7 | 9.8 | 7.4 | 10.3 |
| | MX-4140N | MX-4141N | MX-5140N | MX-5141N | | | | | | | | | | | | | | | | | |
| Black | 4.7 | 6.7 | 4.7 | 6.7 | | | | | | | | | | | | | | | | | |
| Color | 6.7 | 10.3 | 7.0 | 8.8 | | | | | | | | | | | | | | | | | |
| Doc. Feeder | 7.7 | 9.8 | 7.4 | 10.3 | | | | | | | | | | | | | | | | | |
| Warm Up Time | 30 seconds or less ² | | | | | | | | | | | | | | | | | | | | |
| Magnification | 25% to 400% in 1% increments (with document feeder 25%-200%) | | | | | | | | | | | | | | | | | | | | |
| Original Feed | MX-4140N/5140N: 100-sheet RSPF/MX-4141N/5141N: 150-sheet DSPF with original size detection. | | | | | | | | | | | | | | | | | | | | |
| Scan Speed | RSPF Copy/Scan: Up to 51 IPM ² simplex/20 IPM duplex DSPF Copy: Up to 85 IPM ² simplex (B&W)/51 IPM simplex (Color) DSPF Scan: Up to 170 IPM ² duplex (B&W/Color) | | | | | | | | | | | | | | | | | | | | |
| Original Sizes | 5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17" | | | | | | | | | | | | | | | | | | | | |
| Paper Capacity | Standard: 1,100 Sheets/Maximum: 6,600 Sheets | | | | | | | | | | | | | | | | | | | | |
| Paper Feed System | Standard: (2) 500-sheet paper drawer (letter/legal/ledger/statement size) and 100-sheet bypass tray (letter/legal/ledger/statement/envelope size). Optional: Single or double drawer paper deck (500 or 1,000 sheets), tandem paper drawer (2,000 sheets), letter/legal/ledger/statement size. | | | | | | | | | | | | | | | | | | | | |
| Paper Weights and Types | Paper drawers: 16 lb. bond to 80 lb. cover. 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), 80-110 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 1.8 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 4 GB copy/print (shared)/Hard Disk Drive: 320 GB | | | | | | | | | | | | | | | | | | | | |
| Hard Disk Drive | 320 GB | | | | | | | | | | | | | | | | | | | | |
| Copy Resolution | Scan: B&W/Color: 600 x 600 dpi; Copy Output: B&W/Color: 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 256 gradations/2 levels (monochrome) | | | | | | | | | | | | | | | | | | | | |
| 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 | Main output tray (top): 400 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 | 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, Canadian EcoLogo Program (CCD-035), Blue Angel (RAL-UZ171), European RoHS | | | | | | | | | | | | | | | | | | | | |
| Power | AC 100-127 VAC, 60 HZ, 16 Amps | | | | | | | | | | | | | | | | | | | | |
| Power Consumption | 1.92 kW or less | | | | | | | | | | | | | | | | | | | | |
| Weight | MX-4140N/5140N: Approx. 262 lbs./MX-4141N/5141N: 278 lbs. | | | | | | | | | | | | | | | | | | | | |
| Dimensions | Approx. 25½" (w) x 30" (d) x 38" (h) | | | | | | | | | | | | | | | | | | | | |

Network Printing System

| | |
|--|---|
| PDL | Standard PCL [®] compatible 6, PostScript [®] 3 [™] , optional XPS |
| Resolution | 1200 x 1200 dpi |
| Print Speed | 41/51 pages per minute (8½" x 11") |
| Print Drivers | Windows XP, Windows XP x64, Windows Server [®] 2003, Windows Server [®] 2003 x64, Windows Server [®] 2008, Windows Server 2008 x64, Windows Vista [®] , Windows Vista x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows Server 2012 x64, Windows PPD, MAC OSX [®] (including 10.4 to 10.8), all MAC PPD |
| Features | Auto configuration, 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, 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, Encrypted PDF, PostScript and XPS. ¹ Methods: FTP, SMB, Web page, E-mail and USB memory |
| 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, Windows Server 2008, Windows XP, Windows Vista, Windows Systems 7, Windows 8, Mac OS X10.4, X10.5, X10.6, X10.7, X10.8, 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 (NIST/SP) #11, CAC/PIV access control ¹ |
| 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 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 (option) |
| Scan Destinations | E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option) Up to 2,000 (combined scan destinations) |
| One-touch Destinations | Up to 500 |
| 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 Software | E-mail server user authentication for LDAP and Active Directory 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 | JBIG, MMR, MR, MH |
| Methods | |
| Scanning Method | Sheet fed simplex or duplex or book |
| Max. Resolution | 400 dpi |
| Transmit Speed | Approx. 2 seconds with Super G3/JBIG ⁴ |
| Auto Dialing | Up to 2,000 (combined scan destinations) |
| Group Dial | Up to 500 destinations |
| Inbound Fax Routing | Forwards received fax data to E-mail, FTP, SMB, Desktop, Fax, I-Fax ¹ |
| Long Originals | Up to 33 1/4" (for transmission) |
| Programs | 48 (combined) |
| Memory | 1 GB |
| Halftone | 256 levels |

1K 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 | 1,000 sheets (letter/statement size) or 500 sheets (legal, ledger, letter) |
| Stapling | Up to 50 sheets (letter/statement) or 25 sheets (legal, ledger or mixed) |
| 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/legal/ledger paper sizes |
| Saddle Stitch Max. Sets | Up to 10 sets (11-15 sheets per set)/15 sets (6-10 sheets per set)/20 sets (1-5 sheets per set) |
| Power Consumption | Approx. 70 W or less (MX-FN10)/138 W or less (MX-FN18) |
| Hole Punching | Optional three-hole punch unit MX-PNX5B (MX-FN10)/MX-PNX6B (MX-FN18) |
| Weight | Approx. 88 lbs. (MX-FN10)/Approx. 161 lbs. (MX-FN18) |
| Dimensions | MX-FN10 (with tray extended): Approx. 26" (w) x 25" (d) x 39" (h) MX-FN18 (with tray extended): Approx. 30" (w) x 25" (d) x 44" (h) |

4K Stacking Finisher (option)

| | |
|--------------------------|--|
| Type | Console stacking finisher with dual exit trays (mounts on left side of host machine) |
| Output Trays | Fixed position upper tray and offset stacking lower tray |
| Output Capacity | Upper tray: 1,550 sheets (letter size, non-stapled) Lower tray: 2,450 sheets (letter size, non-stapled) |
| Stapling | Three position; Up to 50 sheets (letter/statement) |
| Power Consumption | Approx. 140 W |
| Hole Punching | Optional three-hole punch unit MX-PNX6B |
| Weight | Approx. 97 lbs. |
| Dimensions | (MX-FN11): Approx. 20" (w) x 25" (d) x 43" (h) |

Optional Equipment

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|----------|--|
| MX-DE21 | Stand + 2,000-sheet Tandem Paper Drawer |
| MX-DE22 | Stand/1 x 500 Sheet Paper Drawer |
| MX-DE23 | Stand/2 x 500 Sheet Paper Drawer |
| MX-DS18 | Deluxe Copier Cabinet |
| MX-LC11 | Large Capacity Tray (requires MX-DS18/DE21/22/23) |
| MX-LT10 | Long Paper Feeding Tray |
| MX-FNX9 | Inner Finisher |
| MX-PNX1B | 3-Hole Punch Unit (requires MX-FNX9) |
| MX-FN10 | 1K Saddle Stitch Finisher |
| MX-PNX5B | 3-Hole Punch Unit (requires MX-FN10) |
| MX-FN11 | 4K Stacking Finisher |
| MX-FN18 | 4K Saddle Stitch Finisher |
| MX-PNX6B | 3-Hole Punch Unit (requires MX-FN11/18) |
| MX-RB20 | Paper Pass Unit (required for MX-FN10/11/18) |
| MX-SCX1 | Staple Cartridge (5,000 staples) (requires MX-FNX9/FN10) |
| AR-SC2 | Staple Cartridge (5,000 staples) (requires MX-FN11/18) |
| AR-SC3 | Staple Cartridge (2,000 staples) (requires MX-FN10/18) |
| MX-TRX2 | Right Exit Tray |
| MX-TU13 | Center Exit Tray |
| MX-PUX1 | XPS Expansion Kit |
| MX-FX11 | Fax Expansion Kit |
| MX-FWX1 | Internet Fax Kit |
| MX-PF10 | Bar Code Font Kit |
| AR-SU1 | Stamp Unit (requires AR-SV1 Stamp Cartridge) |
| AR-SV1 | Stamp Cartridge |
| MX-KB11N | Keyboard (standard on the MX-4141N/5141N) |
| MX-EB11 | Compact PDF Kit (standard on the MX-4141N/5141N) |
| MX-EB12N | Mirror Expansion Kit |
| MX-EC50 | CAC Reader (requires Data Security Kit) |
| MX-AMX1 | Application Integration Module |
| MX-AM10 | Web Browsing Expansion Kit (standard on the MX-5141N) |
| MX-FR42U | Commercial Data Security Kit |
| DVENDPS | Generic Vendor Interface Kit |

Supplies

| | |
|-----------|-------------------------------|
| MX-51NTBA | Black Toner Cartridge |
| MX-51NTCA | Cyan Toner Cartridge |
| MX-51NTMA | Magenta Toner Cartridge |
| MX-51NTYA | Yellow Toner Cartridge |
| MX-51NVBA | Black Developer |
| MX-51NVSA | Cyan/Magenta/Yellow Developer |
| MX-31NRSA | Drum |
| MX-510HB | 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.



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