

Intuitively Better, Innovatively Sharp— Your Colour Document Hub for Outstanding Performance



Next-Generation User Interface

- 10.1-inch colour LCD touchscreen brings remarkably smooth MFP operation
- Touchscreen gestures, such as flick, tap, slide, and drag, enable easy, intuitive operation
- On-screen Action Panel guides users through operational procedures
- Home screen can be customised for each user

Advanced Functionality

- Allows Internet browsing and printing of Web pages via the MFP's LCD (option)
- Advanced Preview function allows users to check document finishes such as page layout and stapling before actual execution
- Page Editing function allows editing (e.g., orientation/page order change and trimming/masking) of scanned/saved data via drag-and-drop operation on the LCD
- Can simultaneously execute jobs, like e-mailing while copying scanned images
- HDD on the MFP works as a shared database, enabling office application files (Excel®, Word, etc.) to be saved and shared
- Sharp OSA (Open Systems Architecture)*1 allows integration with network applications via cloud computing and makes them accessible from the LCD control panel
- New client-based scan-to-desktop option: Sharp OSA Network Scanner Tool facilitates document scanning and management

*1 Requires optional MX-AMX2 and/or MX-AMX3

Enhanced Usability

- Control panel tilts to three different angles for easy access
- Scalable font and Enlarge Display mode enhance readability
- Retractable QWERTY keyboard (option) facilitates text entry
- User's Manual can be displayed on the LCD
- Unified system-setting procedures via the control panel or a Web browser
- Paper drawers have easy-grip handles

Productive Operation and Superb Image Quality

- 150-sheet high-speed Duplex Single Pass Feeder and stackless duplex module
- Quick scan speed of 75 opm*2 (originals per minute) boosts efficiency
- Wide variety of finishing options, including A3-wide saddle stitch finisher
- True 1,200 x 1,200 dpi high-quality printing
- Improved imaging system with second-generation Mycrostoner-HG faithfully reproduces fine lines and halftone colours
- Dramatically enhanced scan capability offers excellent brightness and sharp contrast for superb image quality and legibility
- Document Filing function to instantly reuse job data stored on the HDD

*2 When feeding A4 (8 1/2" x 11") sheets in B/W

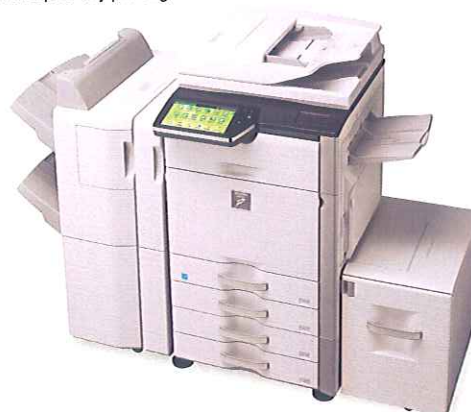
Multi-Layered Security Solutions

- Optional Data Security Kit encrypts and erases data retained inside the MFP
- Supports the IEEE 802.1X standard for port-based network access control
- External Active Directory server allows user authentication management of multiple MFPs and of a greater number of users
- IP/MAC address filtering restricts unauthorised access
- SSL and IPsec enable data encryption for secure network communications
- Encrypted PDF with password protection for secure scanning
- Document Control function*3 prevents unauthorised copying, scanning, faxing, and filing of confidential documents
- Stored data can be initialised when it is time to replace the MFP
- Hidden-pattern print function prevents unauthorised copying and protects confidential information
- Tracking Information Print function prints the user name and other specifics on printouts, making it possible to track information and prevent data theft
- Mirroring Kit (option) provides backup for the MFP's HDD

*3 Requires optional Data Security Kit

Environmentally Advanced Design

- Lead- and chromium-free design (RoHS compliant)
- Short warm-up time of 34 seconds (MX-5111N) or 30 seconds (MX-4111N) contributes to overall energy savings
- Optimises auto power shut-off mode settings based on prior usage patterns
- Power ON/OFF Schedule function automatically turns the MFP on or off according to administrator-set time schedules
- Eco Scan function saves energy by keeping the fusing roller turned off during jobs that don't require any printing



MX-5111N



MX-5111N

MX-4111N

COPY

NETWORK PRINT

NETWORK SCAN

SHARPPESK

FAX
OPTION



SPECIFICATIONS (tentative)

General

Type	Desktop
Engine speed (colour & B/W)	Max. 51/41 cpm/ppm (A4, 8 1/2" x 11", long-edge feeding)
Paper size	Max. A3 wide (12" x 18"), min. A5R (5 1/2" x 8 1/2" R)
Paper capacity (80 g/m ²)	Standard: 1,100 sheets (two 500-sheet trays and 100-sheet multi-bypass tray) Maximum: 5,600 sheets Tray: 60 g/m ² to 220 g/m ² (16 lbs bond to 110 lbs index) Multi-bypass tray: 55 g/m ² to 256 g/m ² (13 lbs bond to 140 lbs index)
Paper weight	MX-5111N: 34 sec. MX-4111N: 30 sec.
Warm-up time*1	[Standard] Copy/print (shared): 3GB 160GB HDD*2
Memory	[Option] Print: 1GB
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption (max.)	1.84 kW (220 to 240V), 1.92 kW (110 to 127V)
Dimensions (W x D x H)	643 x 761 x 966 mm (25 1/8" x 29 5/8" x 38 1/2")
Weight (approx.)	MX-5111N: 127 kg (279.9 lbs) MX-4111N: 126 kg (277.8 lbs)
Features	Job build, document filing, user authentication (1,000 accounts), toner save mode, pre-heat/auto power shut-off modes, advanced preview, etc.

Copier

Original paper size	Max. A3 (11" x 17")
First copy time*3	[MX-5111N] Full colour: 5.7 sec. B/W: 4.1 sec. [MX-4111N] Full colour: 6.7 sec. B/W: 4.7 sec.
Continuous copy	Max. 999 copies
Resolution	Scan (colour): 600 x 600 dpi Scan (B/W): 600 x 600 dpi, 600 x 400 dpi Print: 600 x 600 dpi, 9,600 (equivalent) x 600 dpi (depending on print mode)
Gradation	Equivalent to 256 levels
Zoom range	25 to 400% (25 to 200% using DSPF) in 1% increments
Preset copy ratios	Metric: 10 ratios (5R/5E), inch: 8 ratios (4R/4E)
Features	Auto paper selection (mixed/random size feeding), auto magnification selection, paper type selection, auto tray switching, rotation copy, electronic sorting, network tandem copy, book copy, margin shift, dual page copy, multi-shot (8/4/2-in-1), cover/transparency/tab page insertion, pamphlet copy, 2-sided copy orientation change, XY zoom, B/W reverse, mirror image, duplex copy, job reservation, job programme, repeat layout, irregular original/paper size input, stamps (watermark, date, page number, text, stamp), multi-page enlargement, tab copy, centering, proof copy, auto colour mode, auto colour selection, auto calibration, sharpness, card shot, original count, edge/centre/side erase, user stamps, blank page skip, position image, book divide, hidden pattern print, tracking information print, etc.

Network Scanner

Scan method	Push scan (via control panel), pull scan (TWAIN-compliant application)
Resolution	Push scan: 100, 150, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 to 9,600 dpi via user setting*4
File formats	TIFF, PDF, encrypted PDF, JPEG, XPS*5, compact PDF*6, PDF/A
Scanner utility	Sharpdesk
Scan destinations	Scan to e-mail/desktop/FTP server/network folder (SMB)/USB memory
Features	Internet fax*7 (supports direct SMTP), PC-Internet fax transmission*7, auto colour mode, mixed size original scanning, LDAP support, direct entry (address, subject, message), 2,000 one-touch dials, 500 group dials, 48 job programmes, broadcasting, long original scanning (max. 1,000 mm)*8, auto colour selection, card shot, original count, edge/side erase, drop-out color, one scan/multi format, book divide, blank page skip, etc.

Document Filing

Document filing capacity	Main and custom folders: 71GB, 20,000 pages*9 or 3,000 files Quick file folder: 10GB, 10,000 pages*9 or 1,000 files
Stored jobs*10	Copy, print, scan, fax
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection (for main and custom folders)

Network Printer

Resolution	1,200 x 1,200 dpi, 600 x 600 dpi, 9,600 (equivalent) x 600 dpi
Interface	USB 2.0, 10Base-T/100Base-TX/1000Base-T
Supported OS*11	Windows Server® 2003/2008, Windows® 2000/XP, Windows Vista®, Windows® 7, Mac OS 9.0 to 9.2.2, Mac OS X 10.2.8, 10.3.9, 10.4.11, 10.5 to 10.5.8, 10.6.5
Network protocols*11	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), NetBEUI, EtherTalk (AppleTalk)
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, Novell Printserver application with NDS and Bindery, FTP for downloading print files, EtherTalk printing, IPP
PDL (emulation)	Standard: PCL 6 emulation Option*12: PS3 emulation, XPS
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation
Features*10 *13	Network tandem print, RIP Once/Print Many, job retention (proof print, confidential print), direct PDF/TIFF/JPEG/XPS printing, carbon copy print, duplex print, font/form download, offset output, pamphlet style, Sharp Remote Device Manager, printer status monitor, IP/MAC address filtering, port/protocol management, binding edge, N-up (2/4/6/8/9/16), paper/output tray selection, cover/transparency insertion, fit to page, watermarks, form overlay, auto configuration, barcode font compatibility, tab print, poster print, margin shift, secure network communications (SSL and IPsec (L2P)), tracking information print, hidden pattern print, etc.

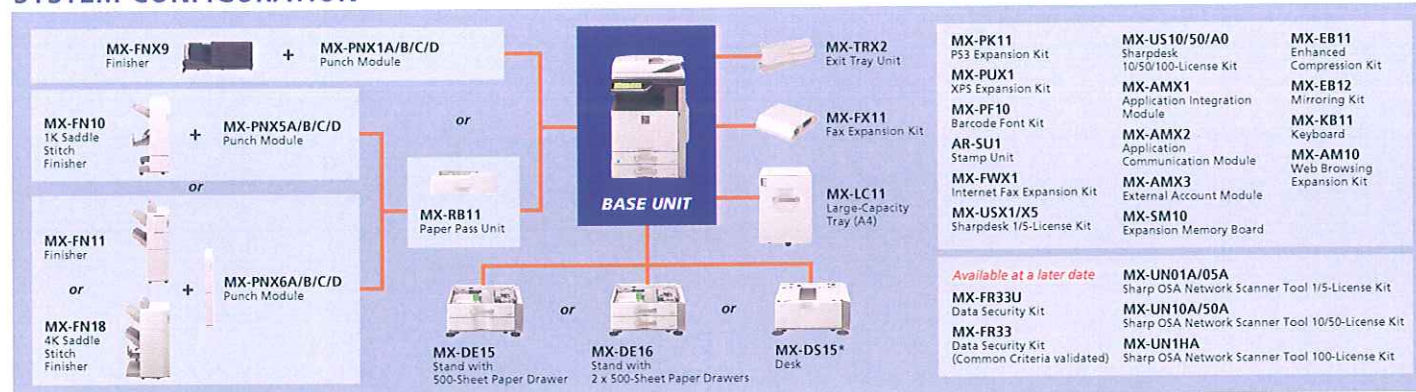
B/W Facsimile (optional MX-FX11 required)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds*14
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	From Standard (203.2 x 97.8 dpi) to Ultra Fine (406.4 x 391 dpi)
Recording width	A3 to A5 (11" x 17" to 5 1/2" x 8 1/2")
Memory	1GB (built-in)
Grey scale levels	Equivalent to 256 levels
Features	Duplex transmission/reception, quick on-line transmission, error correction mode, 2,000 one-touch dials, 500 group dials, LDAP support, 48 job programmes, broadcasting number registration, F-code compatibility (confidential, relay broadcast), polling, memory transmission/reception, auto reduction (transmission/reception), rotation transmission/reception, print actual size, 2-in-1 transmission, long original transmission (max. 1,000 mm), PC-Fax transmission, timer transmission, inbound routing to e-mail/FTP server/network folder (SMB)/PC desktop/fax/Internet fax, activity report, anti-junk fax, dual page scan, mixed size original scanning, card shot, edge/side erase, original count, etc.

*1: At rated voltage, 23°C (73.4°F). May vary depending on operating conditions and environment. *2: HDD capacity depends on procurement and sourcing status. *3: Long-edge feeding of A4 (8 1/2" x 11") sheets from 1st paper tray, using document glass, without Auto Colour Selection and Auto Colour mode, MFP in fully ready condition. May vary depending on operating conditions and environment. *4: Resolutions higher than 600 dpi are interpolated. *5: To view XPS files on PCs not running Windows Vista, you must have the XPS Viewer application installed. *6: Optional MX-EB11 required. *7: Optional MX-FWX1 required. *8: B/W documents only, scanned at under 400-dpi resolution. *9: Measured using Sharp's standard chart (A4 with 6% coverage, B/W). The Quick File Folder shares the HDD with the Job Build function; up to 10GB of data storage is available when using both functions. The storage capacity will be less for colour pages. *10: Some features require option(s). *11: Optional MX-PK11 required for Mac OS and EtherTalk. *12: PS requires optional MX-PK11. XPS requires optional MX-PUX1 and MX-SM10 (1GB). *13: Some features are not available according to the printer driver used. *14: Based on Sharp's standard chart with approx. 700 characters (A4 or 8 1/2" x 11" long-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

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SYSTEM CONFIGURATION



* Available at a later date.

Certain options may not be available in some areas.

SHARP

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