

## The Ultimate Productivity Booster— High-Performance B/W MFPs with Colour Scanning



### Highly Productive Operation

- Speedy output of max. 75/62 ppm and fast first copy time of 3.5/4.0 sec.
- Finishing options include inserter, bi-folding saddle stitch finisher, and 100-sheet stapler/finisher
- Built-in stackless duplex module and 150-sheet high-speed Duplex Single Pass Feeder
- 75 opm scan speed for two-sided and one-sided originals in colour and B/W
- Standard hard disk and electronic sorting
- Standard 3,100-sheet paper capacity, expandable to max. 6,600 sheets
- Network tandem function doubles output speed by linking two MFPs
- Job Build function for large-volume documents

### 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
- Function-specific user authentication
- 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\*1 prevents unauthorised copying, scanning, faxing, and filing of confidential documents

\*1 Requires optional Data Security Kit

### Superb Image Quality

- True 1,200 x 1,200-dpi high-quality printing without sacrificing speed
- Fine, smooth copying at 600 dpi (multi bit)
- High-resolution imaging with 256-level greyscale; clearly reproduces fine lines, small text, and delicate halftones
- Seven exposure modes including Auto and Text/Photo provide optimum copy quality

### Enhanced Usability

- Sharp OSA (Open Systems Architecture)\*2 allows integration with network applications and makes them accessible from the LCD control panel
- 8.5-inch, touch-screen colour LCD provides ease of use with functions such as thumbnails/previews of Document Filing and fax reception data and previews of copy/send/save jobs
- Control panel can be remotely displayed and operated on a PC\*3
- Retractable QWERTY keyboard (option) allows easy text entry
- Easy-grip handles allow for easy opening/closing of paper drawers

\*2 Requires optional MX-AMX2 and/or MX-AMX3 \*3 Requires VNC application

### All-in-One Performance

- Supports Gigabit Ethernet and the latest network protocols and operating systems
- Standard PCL5e/PCL6\*4 and optional PS3 emulation
- Full-colour network scanning\*5 with scan to e-mail/FTP server/desktop/network folder/USB, and support for JPEG, TIFF, XPS, PDF, and compact PDF\*6 formats
- Auto Colour Selection makes colour scanning easy
- USB port at the front of the MFP allows easy scan to/print from USB memory
- Sharpdesk for integrated, intuitive document management on a PC
- Colour Document Filing function to instantly reuse job data stored on the HDD
- Optional Super G3 fax and Internet fax that supports direct SMTP
- LDAP support for easy browsing of e-mail addresses and fax numbers

\*4 U models require optional MX-PB13 \*5 U models require optional MX-NSX1 \*6 Requires optional MX-EBX3

### Environmentally Advanced Design

- Lead- and chromium-free design (RoHS compliant)
- Certified for ENERGY STAR®
- Energy-saving design (less than 1W in standby for fax reception)



COPY

NETWORK PRINT  
OPTION for U models

NETWORK COLOUR SCAN  
OPTION for U models

SHARPLESK  
OPTION for U models

FAX  
OPTION



## SPECIFICATIONS (tentative)

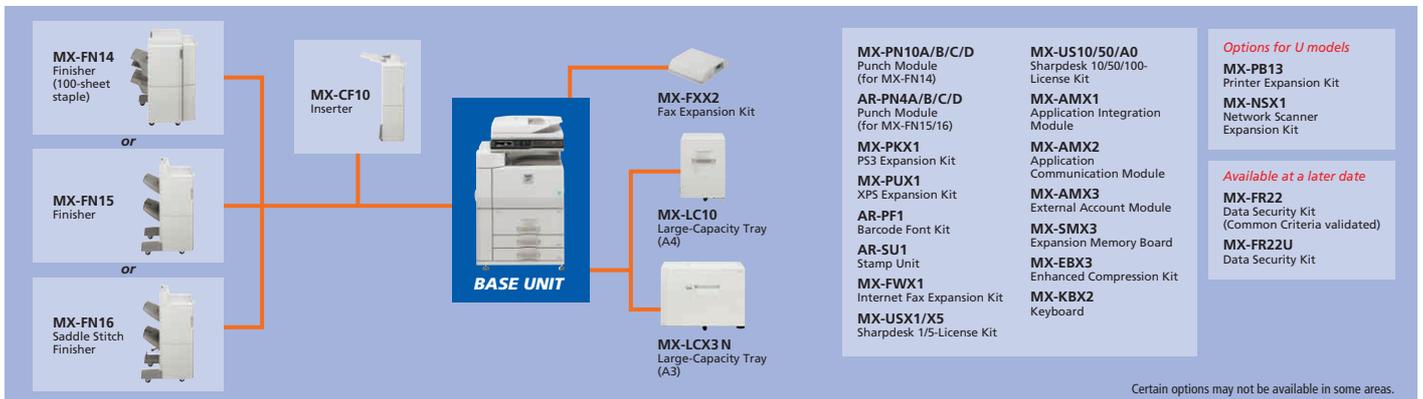
General	
Type	Console
Engine speed	Max. 75/62 cpm/ppm (A4, 8 1/2" x 11", long-edge feeding)
Paper size	Max. A3 (11" x 17"), min. A5R (5 1/2" x 8 1/2"R)
Paper capacity (80 g/m <sup>2</sup> )	Standard: 3,100 sheets (1,200-sheet tray, 800-sheet tray, two 500-sheet trays, and 100-sheet multi-bypass tray) Maximum: 6,600 sheets
Paper weight	Tray 1/2: 60 g/m <sup>2</sup> to 105 g/m <sup>2</sup> (16 to 28 lbs bond) Tray 3/4: 60 g/m <sup>2</sup> to 209 g/m <sup>2</sup> (16 lbs bond to 110 lbs index) Large-capacity tray: 60 g/m <sup>2</sup> to 105 g/m <sup>2</sup> (16 to 28 lbs bond) Multi-bypass tray: 56 g/m <sup>2</sup> to 209 g/m <sup>2</sup> (13 lbs bond to 110 lbs index)
Warm-up time*1	Less than 30 sec.
Memory	Copier memory: 512MB Printer memory: Standard 1GB, max. 2GB 80GB HDD*2
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption (max.)	1.84 kW (220 to 240V), 1.80 kW (100 to 127V)
Dimensions (W x D x H)	728 x 683 x 1,213 mm (28 21/32" x 26 57/64" x 47 3/4")
Weight (approx.)	190 kg (419 lbs)
Features	Card shot, edge/centre/side erase, job build, document filing, user authentication (1,000 accounts), toner save mode, pre-heat/auto power shut-off modes, preview, thumbnail view*3

Copier	
Original paper size	Max. A3 (11" x 17")
First copy time*4	3.5/4.0 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi Print: 600 x 600 dpi
Gradation	Scan: 256 levels      Print: 2 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 (4-in-1, 2-in-1), cover/transparency/tab page insertion, 2-sided copy orientation change, XY zoom, B/W reverse, mirror image, duplex copy, job reservation, job programme, photo repeat, irregular original/paper size input, stamps (date, page number, text, stamp), multi-page enlargement, tab copy, centering, proof copy, watermarks, sharpness

Network Colour Scanner (optional MX-NSX1 required for U models)	
Scan method	Push scan (via control panel), pull scan (TWAIN-compliant application)
Resolution	Push scan: 100, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 to 9,600 dpi via user setting
File formats	TIFF, PDF, encrypted PDF, JPEG (colour only), XPS*5, compact PDF*6
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, mixed size original scanning, LDAP support, 1,000 one-touch dials, 500 group dials, direct entry (address, subject, message), 48 job programmes, broadcasting, long original scanning (max. 1,000 mm)*8

Document Filing	
Document filing capacity	Main and custom folders: 38GB, 20,000 pages*9 or 3,000 files Quick file folder: 12GB, 10,000 pages*9 or 1,000 files
Stored jobs*10	Copy, print, scan, fax transmission
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection

## SYSTEM CONFIGURATION



Network Printer (optional MX-PB13 required for U models)	
Resolution	1,200 x 1,200 dpi, 600 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 to 10.6.2
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 6/5e 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 Man, job retention (print hold, sample print, confidential print), direct PDF/TIFF/JPEG/XPS printing, carbon copy print, duplex print, font/form download, offset output, printer administration utility and status monitor, pamphlet style, 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, secure network communications (SSL and IPsec [LPD])

Facsimile (optional MX-FXX2 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	8MB flash memory
Grey scale levels	Equivalent to 256 levels
Features*10 *13	Duplex transmission/reception, quick on-line transmission, error correction mode, 1,000 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, activity report, anti-junk fax, dual page scan, mixed size original scanning, inbound routing to e-mail/FTP server/network folder (SMB)/PC desktop/group

\*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 : Thumbnails of Document Filing data files and incoming faxes.  
 \*4 : Long-edge feeding of A4 (8 1/2" x 11") sheets from main unit's 1st paper tray, using document glass, in Auto Exposure mode, MFP in fully ready condition.  
 \*5 : To view XPS files on PCs not running Windows Vista, you must have the XPS Viewer application installed.  
 \*6 : Optional MX-EBX3 required. \*7: Optional MX-FWX1 required.  
 \*8 : B/W documents only, scanned at under 400-dpi resolution. Max. 800 mm for Internet faxing or when scanning at 600 x 600-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 12GB 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-PKX1 required for Mac OS and EtherTalk.  
 \*12: PS requires optional MX-PKX1. XPS requires optional MX-PUX1 and MX-SMX3 (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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