

SHARP

MX-M1100/M950

Digital Multifunctional System

Tentative

A Masterpiece of Reliability and Durability



Because Business

It's time to let the MX-M1100 and MX-M950 handle your document needs with the durability, reliability, and productivity you can expect from Sharp. In high-volume environments like Central Reproduction Departments (CRDs), these top-of-the-line Sharp MFPs will provide new capabilities for the customer as well as opportunities for business growth. The MX-M1100/M950 is versatile enough to help you meet crucial deadlines on a wide variety of document jobs at your performance-driven, time-challenged workplace. So, when all eyes are on the clock, get down to business with an MX-M1100/M950.

Productivity

Powerful MFPs for Multitasking and Productivity

Built for high volume, the new MX-M1100 and M950 boast impressive B/W speeds of 110 and 95 ppm, respectively. Both models can complete jobs quickly using a 250-sheet DSPF (Duplex Single Pass Feeder) that scans both sides simultaneously to maximise performance and provide faster scan speeds. The series also features 1,280MB of standard memory with an 80GB hard drive to help even the busiest enterprises process jobs faster and manage document workflow with ease.

Productive, Professional Finishing Options

These new MFPs offer a variety of finishing options including a saddle unit, a z-folding unit, and an inserter. For extremely large jobs, these models offer the option of a customisable paper supply capacity of up to eight online paper sources with an 8,050-sheet capacity for minimum interruption.



Multi-Layered Security

Document Security

The **Data Security Kit** encrypts document data stored in the MFP and overwrites up to seven times to completely erase it. This kit also includes the **Document Control** function, which prevents unauthorised copying, scanning, faxing, and filing of confidential documents. Furthermore, **Encrypted PDF** enables users to add passwords and encrypt PDF data to prevent unauthorised viewing of confidential image data. For added security, the **Confidential Print** function requires each user to enter a PIN (personal identification number) before printing can begin.

Network Security

Multiple network-based security solutions are provided for highly secure network communication. **IP/MAC address filtering** restricts unauthorised access by allowing access only from registered PCs. **Secure Sockets Layer (SSL)** enables the encryption of data communications, while **IPsec (IP Security)** encrypts and authenticates traffic between specified parties. And **Network Authentication** can be configured to require users to log into a corporate network from the MFP operation panel before they can use any of the functions.

Network Scanning

Powerful Network Scanning

Users can share documents across the network or across the world. Network scanning allows for a truly digital workflow, providing incredible convenience, speed, and efficiency. Duplex colour scanning is also available via an optional colour expansion kit.

LDAP Support

With innovative LDAP (Lightweight Directory Access Protocol) support, the MX-M1100/M950 automatically searches and displays a list of matching names when the first few characters of an address are entered.

Integrated Document Management

Designed to be the centre of the work group, the MX-M1100/M950 allows storage of up to 59,000 pages or 4,000 files* of frequently used documents like forms and templates. Sharpdesk software enables users to easily integrate scanned documents into their everyday workflow.



Image Send screen



LDAP screen



Document Filing screen

* Based on Sharp's standard chart (A4, B/W). The storage capacity depends on the document contents and will be less for pages including greyscale and colour images.

s Runs on Time



Durability and Reliability

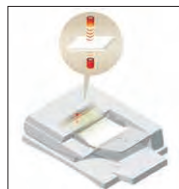
Highly Rigid Main Frame

For increased durability and reliability, a newly developed high-rigidity frame better protects and isolates critical machine components. This powerful frame ensures that the MX-M1100/M950 can withstand the heavy use of high-speed, high-volume output and enhances stability by keeping mechanical stress and distortion to a minimum.



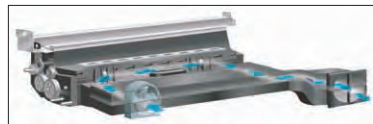
Multi-Feed Detection Sensor (MX-M1100/M950)

The precision engineering design of the Sharp multi-feed detection system employs ultrasonic technology to help diagnose and detect misfeeds of original input from the document feeder as well as from the paper feed section of the paper tray to maximise print production efficiency.



Developer Cooling Systems

The forced-air Developer Cooling System helps prevent excessive heat buildup to keep image quality stable even in high-volume printing and copying environments.



Independently Driven Unit

Independent motor units are employed for essential key functions of the MX-M1100/M950 such as the paper pick-up unit and the paper transfer unit. This design improvement provides highly reliable operation and helps ensure more dependable paper transportation throughout each reprographic cycle, increasing durability in the long run.



Operability

Custom Application Integration with Sharp OSA

These new models support the innovative Sharp Open Systems Architecture (Sharp OSA), a development platform that opens the door to a broad array of value-added functionality and flexibility. Sharp OSA streamlines document workflow and enhances productivity by making Sharp MFPs a gateway for document-based business communications, enabling users to automate tasks and save time.

Operation Panel with 10.4-Inch Colour LCD

Every operator will find it easier to get the job done with this easy-to-understand and easy-to-use operation panel featuring a large, 10.4-inch colour LCD touch screen and intuitive hard and soft keys that cover every machine function and provide comprehensive diagnostics for easy maintenance. High-visibility red and green job status lamps allow operators to monitor a job from start to finish, even from across the room.



Other Features:

- Warm-up time: 240 sec.
- Continuous running through toner replenishment process

- Non-detach maintenance eliminating the need to disassemble the entire machine to adjust or exchange key parts

SPECIFICATIONS (tentative)

General

Type	Console
Engine speed ¹	Max. 110/95 cpm/ppm
Original paper size	Max. A3
Paper size	Max. A3W (12" x 18"), min. A5R
Paper capacity (80 g/m ²)	Standard: 3,000 sheets (1,200-sheet tray, 800-sheet tray, and two 500-sheet trays) Maximum: 8,050 sheets
Warm-up time ²	Less than 240 sec.
Memory	[Copier memory] Standard 768MB Maximum 1,536MB [Printer memory] Standard 512MB Maximum 1,024MB 80GB HDD ³
Power requirements	220 to 240 AC voltage, 50/60 Hz
Power consumption (max.)	MX-M950/M1100: 3.55 kW
Dimensions (W x D x H)	1,301 x 771 x 1,518 mm
Weight	Approx. 300 kg

Copier

First copy time ⁴	MX-M950/M1100: 3.2 sec.
Continuous copy	Max. 9999 copies
Resolution	Scan: 600 x 300 dpi, 600 x 400 dpi, 600 x 600 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	10 ratios (5 reductions and 5 enlargements)

Printer

Resolution	600 x 600 dpi 1,200 x 1,200 dpi with PCL 6 and PS3
Interface	USB 2.0
Supported OS ⁷	Windows NT [®] 4.0 SP5 or later, Windows Server [®] 2003, Windows [®] 98/Me/2000/XP, Windows Vista [™] , Mac OS 9.0 to 9.2.2, Mac OS X 10.1.5, 10.2.8, 10.3.9, 10.4 to 10.4.8
PDL emulation	Standard: PCL 6/5e Option ⁸ : PS3 emulation
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation ⁸

Network Printer (optional)

Interface	10Base-T/100Base-TX
Network protocols ⁷	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

Network Scanner (optional)

Resolution	200, 300, 400, 600 dpi
File formats	TIFF, TIFF-FX (TIFF-F), PDF, linearised PDF
Scanner utilities	Sharpdesk
Scan destinations	Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory

Document Filing

Document filing capacity	Main and custom folders: 30GB, 45,000 pages ⁵ or 3,000 files Quick file folder: 10GB, 14,000 pages ⁵ or 1,000 files
Stored jobs	Standard: Copy Optional: Print, scan, fax transmission ⁶
Storage folders	Quick file folder, main folder, custom folder (max. 500 folders)
Confidential storage	Password protection

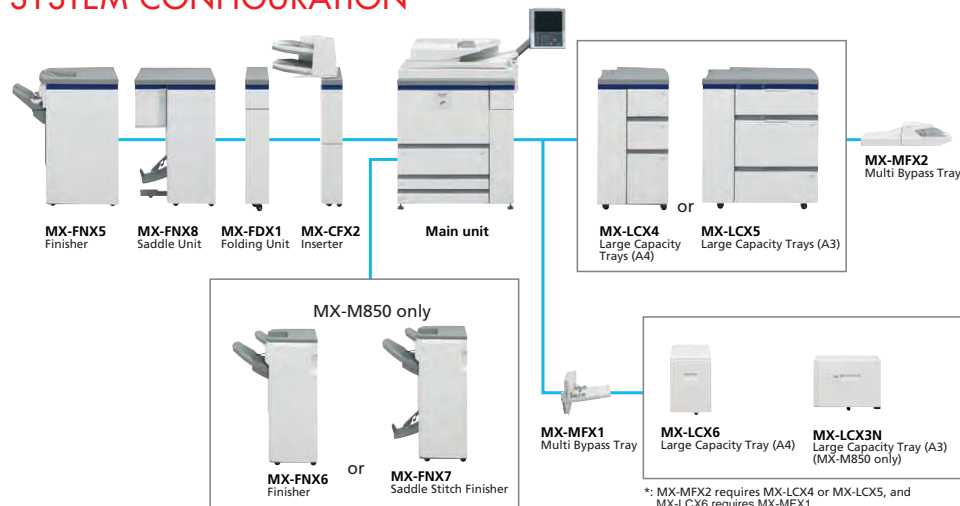
Facsimile (optional)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds ⁹
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	From Standard (203.2 x 97.8 dpi) to Super Fine (406.4 x 391 dpi)
Recording size	A3 to A5
Memory	Standard 8MB
Grey scale levels	Equivalent to 256 levels

- * 1 : When copying/printing same document continuously on portrait A4 plain paper in non-offset mode. Also, print mode excludes processing time.
- * 2 : At rated voltage, 25°C (73.4°F), 65% RH.
- * 3 : HDD capacity depends on procurement and sourcing status.
- * 4 : Portrait feeding of A4 sheets from main unit's 2nd paper tray, using document glass in Auto Exposure mode with polygon motor running.
- * 5 : Measured using Sharp's standard chart (A4 with 6% coverage). The storage capacity depends on the document contents and will be less for pages including greyscale and colour images.
- * 6 : Optional AR-FXX1 required.
- * 7 : Optional MX-PXX4 required for Mac OS and EtherTalk. Windows Vista and IPsec available at a later date.
- * 8 : Optional MX-PXX4 required.
- * 9 : Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

- Design and specifications are subject to change without prior notice.
- Windows and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other brand names and product names may be trademarks or registered trademarks of their respective owners.

SYSTEM CONFIGURATION



MX-PNX4A/B/C/D Punch Module (for MX-FNX6/FNX7)	MX-USX1 Sharpdesk 1 License Kit
MX-PNX3A/B/C/D Punch Module (for MX-FNX5)	MX-USX5 Sharpdesk 5 License Kit
MX-PBX2 Printer Expansion Kit	MX-US10 Sharpdesk 10 License Kit
MX-PEX3 Fiery Printer Controller	MX-US50 Sharpdesk 50 License Kit
MX-PXX3 Interface Kit for MX-PEX3	MX-USAO Sharpdesk 100 License Kit
MX-PXX4 PS3 Expansion Kit	MX-AMX1 Application Integration Module Kit
AR-PF1 Barcode Font Kit	MX-AMX2 Application Communication Module
MX-FWX1 Internet FAX Expansion Kit	MX-AMX3 External Account Module
MX-NSX1 Network Scanner Expansion Kit	MX-FRX8U Data Security Kit
MX-EBX1 Colour Expansion Kit	MX-FRX8 Data Security Kit (Common Criteria validated)
MX-FXX1 Facsimile Expansion Kit	AR-SU1 Stamp Unit

*: MX-MFX2 requires MX-LCX4 or MX-LCX5, and MX-LCX6 requires MX-MFX1.

Some options may not be available in some areas.



Distributed by:

SHARP CORPORATION OF AUSTRALIA PTY Limited
 ABN 40 003 039 405
 1 Huntingwood Drive, Huntingwood NSW 2148
 PO Box 6827 Blacktown NSW 2148
 Tel: (02) 9830 4600 Fax: (02) 9672 1208
 www.sharp.net.au