SHARP

MX-5112N/MX-4112N

Digital Full Colour Multifunctional System

HIGHLY PRODUCTIVE
A3 COLOUR MFP

You need more. You want it faster. /This is Why we developed the next generation of MFPs.

It's easier to just point at what you want /This is Why we use finger-swipe control.

Finger-swipe control opens the door to a whole new way of working. Simply walk up to the MFP, touch the screen, and flick or slide your finger for effortless control of every document, function and setting.

Similar technology has already revolutionised smart phones and tablet PCs. Now it's time to transform the way we handle documents.

ADVANCED PREVIEW & EDITING FUNCTIONS - WITH FINGERTIP CONTROL

Do more, faster

Finger-swipe technology makes it easy for everyone to get the most out of these powerful A3 colour MFPs. Start with a standard model for high speed network printing and copying, fast scanning, a hard drive for storing jobs, Sharpdesk document management software and industry-leading security.

Then customise it with extra value options.

There's a choice of high speed double-sided document feeders, a retractable keyboard for easy data entry, fax, Wi-Fi connectivity, extra paper trays, a Mirroring Kit to back up the hard drive, and a huge range of professional finishing options.

You can even add full internet access. So now your colleagues can browse for and print web content without the need for a PC. What's more, you can add Sharp OSA® to connect to the 'Cloud' and run Software as a Service (SaaS) applications* developed by Sharp's Technology Partners.

OSA® Sharp Open Systems Architecture

* Please check availability of Sharp OSA applications.

Go wireless

The MX-5112N and MX-4112N are perfect for wireless networks, too. Just plug the optional Wi-Fi adaptor* into a USB port at the back of the MFP to extend its full functionality across the network.

TOTAL PRODUCTIVITY
FOR THE ENTIRE TEAM

* Available at a later date.

Performance is the foundation of productivity /This is Why our MFPs work harder.

The 51 pages per minute (ppm) MX-5112N and the 41ppm MX-4112N can cope with the heaviest workloads at top speed in colour and black & white. And as well as having an inherently robust design, they were designed from the start to get more done, faster.

Look at the specifications. Auto Colour Mode make accurate colour copying a one touch process. The first page appears in 5.7[*1] or 6.7[*1] seconds, depending on the model. You can scan 75[*2] originals every minute (both sides). The paper supply can grow to 5,600 sheets. Then there are the finishing options.

Choose from a space-saving inner finisher for simple sorting and stapling; an A3 wide saddle-stitch finisher; standard and high-capacity finishers with stapling, saddle stitching and booklet making capabilities, and a variety of hole punch modules.

SPACE-SAVING
INNER FINISHER

PROFESSIONAL
BOOKLET MAKING

[*1] Best achieved time based on A4 copy, long-edge feeding from 1st paper drawer, using document glass when machine is ready, without Auto Colour Selection. May vary depending on machine conditions and operating environment.
[*2] Duplex Single Pass Feeder only.

Attention to detail

Sometimes it's the little things that make a difference. Like USB ports for walk-up, driverless printing*[1] and/or a Wi-Fi adaptor. And a not-so-little 10.1" touchscreen which can be customised for individual users and which tilts*[2] for comfortable viewing.

Plus, you get on-screen single-page, 3D and thumbnail previews of your documents, and the ability to rotate, re-order, delete and insert pages simply by sliding your fingers around. Even the User Guide is accessible on-screen.

TILTABLE PANEL WITH RETRACTABLE KEYBOARD OPTION

TWO CONVENIENT USB PORTS PROVIDED FOR WALK-UP PRINTING

*[1] Feature supports PDF, compact PDF, TIFF, XPS, and JPEG files. Direct PDF printing requires optional MX-PK11. Direct XPS printing requires optional MX-PUX1 and MX-SM10.
*[2] Some positions are not available with the Finishers installed.

Information breeds success /This is Why we send it where you need it.

The MX-5112N and the 41ppm MX-4112N let you unlock your business information by making sure it gets to the people who need it most. Their powerful scanning capabilities let everyone capture and share information, finger-swiping their scans to their own or other email addresses, their desktops, network locations and USB memory sticks.

Scanning really is first class. Small characters are clear and easy to read. Colour sweeps are smooth and accurate. A resolution that's adjustable to 150 dpi lets you create smaller files without compromising clarity, and it's easy to adjust the contrast and sharpness to compensate for any 'difficult' documents.

Sharp's OSA Network Scanning Tool* option provides one-touch, automated scanning to your PC or network drive through predefined and customisable scanning profiles. Scanned documents can quickly be printed, filed, previewed, shared, and stored, saving time and improving workflows. Similar profiles can be used to control complex, often repeated print jobs.

Even high volume scanning is effortless thanks to thoughtful innovations that automatically stamp originals as they're scanned and skip blank pages entirely.

FAST 75 OPM SCANNING

*Requires optional MX-AMX2.

Our children will inherit this world /This is Why we're making our products greener.

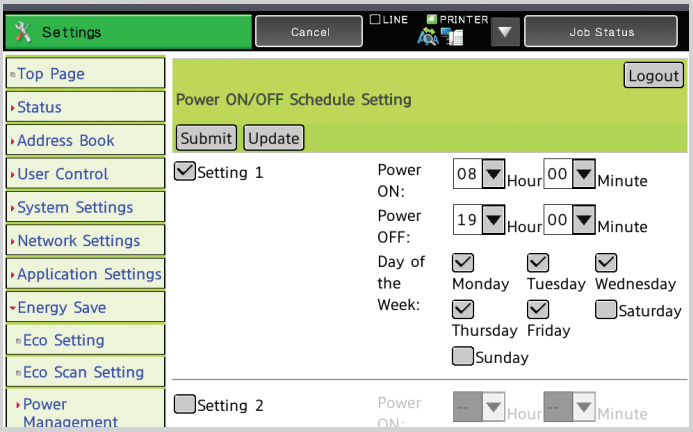
These are two of our most environmentally responsible MFPs ever. Both machines are Energy Star-certified, their warm up times* are less than 34 seconds (MX-5112N) and 30 seconds (MX-4112N), and they use specially developed consumables for lower consumption and a long-life photoconductor.

In addition, their self-adjusting and pre-set auto shut down capabilities and a special Eco Scan Mode - which switches the fuser roller off whenever appropriate - help to reduce your energy consumption and save you money.

ENERGY STAR

LOW ENERGY LED LIGHTS

PRE-SET MFP ON/OFF TIMES



* At rated voltage. May vary depending on machines conditions and operating environment.

Some things are best kept private /This is Why we protect them.

Sharp MFPs incorporate some of the industry's toughest commercially available security features. Both models have password-controlled access for routine user authentication and a useful Data Initialisation feature to erase data from your MFP when the time comes to replace it. These are standard.

If your team routinely handles confidential information you may want our Data Security Kit*, too. This prevents unauthorised copying, scanning, faxing and filing; and can encrypt and securely erase data on the hard disk and internal memory, automatically or on demand.

For sensitive environments, a third party card reader adds even tighter access control, and a secure network interface, SSL, IPsec and port-based network protection defend against the most determined attacks.

We guard against accidents, too, with features such as password-protected PDFs, a Hidden Pattern Print feature which can reveal a watermark (e.g. 'CONFIDENTIAL NOT FOR COPY') and Confidential PIN Printing which requires the user to be present at the MFP before the print run can start.

MULTI-LEVEL SECURITY

*Requires optional MX-FR33U.

There never seems to be enough hours in the day /This is Why our MFPs are easy to own and manage.

The MX-5112N and MX-4112N are truly easy to manage. Every important setting can be configured from a dedicated web page.

A **Printer Status Monitor** on your PC lets you check that there's enough toner and paper before you start a job. A glance at the **Job Status Screen** will reveal every copy and print job and its position in the queue. And an alert will pop up as soon as your documents are printed.

Your support staff will love them, too.

A **Remote Diagnosis** feature monitors the MFPs through a web browser, and they'll get timely email messages when maintenance is required.

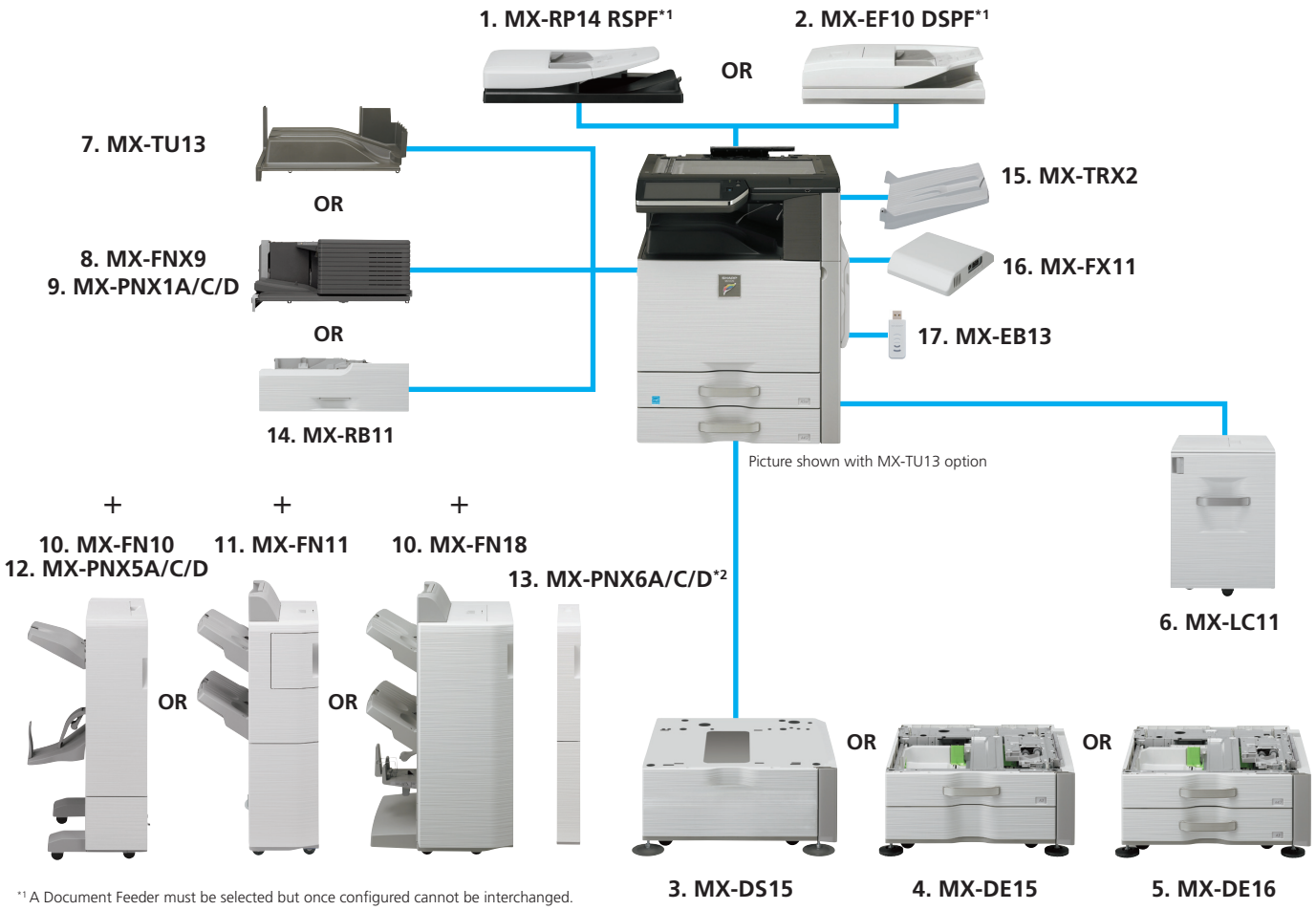
Sharp **Remote Device Manager** gives them real-time control of your Sharp MFPs - again, through a browser - making technical support, driver installation and firmware upgrades easier than ever.

They can even remotely view* and operate the front panel display, taking control, changing settings, fixing problems and providing ad hoc training, without ever leaving their desks, thanks to our innovative **Remote Access Control Panel.**

ACCESS USER MANUAL DIRECTLY FROM THE MFP PANEL

*Requires VNC application.

OPTIONS & CONFIGURATION EXAMPLES



*1 A Document Feeder must be selected but once configured cannot be interchanged.

*2 Punch module for MX-FN11 AND MX-FN18

Base Unit
Finisher (MX-FNX9)
Stand with 2 x 500-Sheet Paper Drawers
Exit Tray

Base Unit
1K Saddle Stitch Finisher (MX-FN10)
Punch Module (MX-PNX5A/C/D)
Paper Pass Unit
Stand with 2 x 500-Sheet Paper Drawers
Exit Tray
Large Capacity Tray

Base Unit
4K Saddle Stitch Finisher (MX-FN18)
Punch Module (MX-PNX6A/C/D)
Paper Pass Unit
Stand with 2 x 500-Sheet Paper Drawers
Exit Tray
Large Capacity Tray

Base Unit

MX-KB11 Keyboard

1. MX-RP14 Reversing Single Pass Feeder 100 sheets

2. MX-EF10 Duplex Single Pass Feeder 150 sheets

3. MX-DS15 Stand - For MFP height adjustment

4. MX-DE15 Stand with 1 x 500-Sheet Paper Drawers
A3 to B5R, 500 sheets each (80 g/m²) for lower and upper trays

5. MX-DE16 Stand with 2 x 500-Sheet Paper Drawers
A3 to B5R, 500 sheets each (80 g/m²) for lower and upper trays

6. MX-LC11 Large Capacity Tray
A4 to B5, 3,500 sheets (80g/m²)

Finishing

7. MX-TU13 Exit Tray Cabinet Unit

8. MX-FNX9 Finisher
A3W to A5R (non offset), A3 to B5 (offset/staple)
Offset tray (upper): max. 500-sheet paper capacity*1
Stapling capacity: max. 50-sheet multi-position staple*1
Staple position: 3 locations (front, rear or 2 point stitching)

9. Optional Punch Module for MX-FNX9:
MX-PNX1A/C/D - 2/4/4 Hole Wide Punch Module

10. MX-FN10 Saddle Stitch Finisher (1,000-Sheet)
MX-FN18 Saddle Stitch Finisher (4,000-Sheet)
A3 to B5 (offset/staple), A3W to A5R (non offset)
Offset tray (upper): max. 1,000/4,000-sheet paper capacity*1
Stapling capacity: max. 50-sheet multi-position staple*1
Staple position: 3 locations (front, rear or 2 point stitching)*1
Saddle stitch tray (lower): 10 sets (11-15 sheets), 15 sets (6-10 sheets), 20 sets (1-5 sheets). 15 sheets max per set.

11. MX-FN11 Finisher (4,000 sheet)
A3 to B5 (offset/staple), A3W to A5R (non offset)
Upper Tray: max. 1,550-sheet paper capacity*1
Lower Tray: max. 2,450-sheet paper capacity*1
Stapling capacity: max. 50-sheet multi-position staple*1
Staple position: 3 locations (front, rear or 2 point stitching)*1

12. Punch Module for MX-FN10
MX-PNX5A/C/D - 2/4/4 Hole Wide Punch Module

13. Punch Module for MX-FN11 and MX-FN18
MX-PNX6A/C/D - 2/4/4 Hole Wide Punch Module

14. MX-RB11 Paper Pass Unit
Required when using MX-FN10, MX-FN11 and MX-FN18

15. MX-TRX2 Exit Tray Unit

Faxing

16. MX-FX11 Fax Expansion Kit
Super G3 fax module

MX-FWX1 Internet Fax Expansion Kit

Connectivity

17. MX-EB13 Wi-Fi USB Adaptor*2

Printing

MX-PK11 PS3 Expansion Kit
Enables PostScript printing

MX-PUX1 XPS Expansion Kit
(MX-SM10 required)

MX-SM10 Expansion Memory Board

MX-PF10 Barcode Font Kit

MX-AM10 Web Browsing Expansion Kit
Enables browsing of Internet from MFP panel

Scanning

AR-SU1 Stamp Unit
Marks already scanned documents for checking

MX-EB11 Enhanced Compression Kit
Enables creation of high compression PDFs

Sharpdesk Licenses

MX-USX1/X5/10/50/A0
1/5/10/50/100-License Kit

Sharp OSA®

MX-AMX1 Application Integration Module
MX-AMX2 Application Communication Module
MX-AMX3 External Account Module

Sharp OSA Network Scanner Tool Licenses

MX-UN01A/05A/10A/50A/1HA
1/5/10/50/100-License Kit
(MX-AMX2 required)

Security

MX-FR33U Data Security Kit
Commercial version
(Common Criteria validated version will also be available at a later date)

MX-EB12 Mirroring Kit
Second hard drive enabling data backup of files stored on HDD

*1 A4 or smaller, 80g/m². Some options may not be available in some areas.
*2 Available at a later date.

GENERAL

Engine speed (ppm/cpm) (Max)	A4	A3
MX-5112N		
Colour	51	23
B/W	51	23
MX-4112N		
Colour	41	19
B/W	41	19
Paper size (Min – Max)	A5R – A3W	
Paper weight (g/m²)		
Drawer	60 – 220	
Bypass	55 – 256	
Paper capacity (Std - Max)		
Sheets	1,100 – 5,600	
Drawers	2 – 4 (plus bypass and large capacity tray)	

Warm-up time[*1] (seconds)		
MX-5112N	34	
MX-4112N	30	
Memory (GB) (Min – Max)		
Copier/Printer	3	
(Printer) Opt:	1	
HDD:	160[*2]	
Power requirements	Rated local AC voltage ±10%, 50/60 Hz	
Power consumption (kW) (max)	1.84 (200 – 240V)	
Dimensions (mm) (W x D x H)		
RSPF	643 x 761 x 952	
DSPF	643 x 761 x 966	
Weight (approx) (kg)	**RSPF**	**DSPF**
MX-5112N	119	127
MX-4112N	118	126

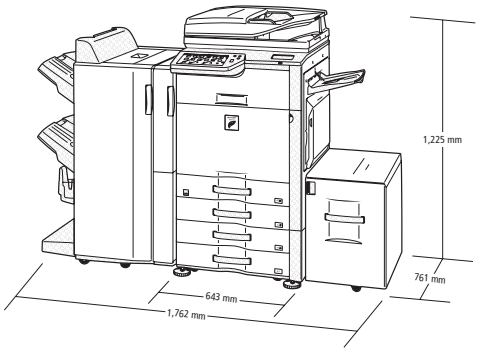
COPIER

Original paper size (Max)	A3	
First copy time[*3] (seconds)		
	Colour	B/W
MX-5112N	5.7	4.1
MX-4112N	6.7	4.7
Continuous copies (Max)	999	
Resolution (Max) (dpi)		
Scan (colour)	600 x 600	
Scan (b/w)	600 x 600, 600 x 400 dpi (not available with RSPF installed)	
Print	600 x 600, 9600 (equivalent) x 600[*4] (depending on print mode)	
Gradation levels	256	
Zoom range (%)	25 – 400 (25 – 200 using RSPF) in 1% increments	
Preset copy ratios	10 (5R/5E)	

COLOUR NETWORK SCANNER

Scan method	Push scan (via operation panel) Pull scan (TWAIN-compliant application)
Resolution (dpi)	
Push scan	100, 150, 200, 300, 400, 600
Pull scan	75, 100, 150, 200, 300, 400, 600, 50 – 9600[*4]
File formats	XPS[*5], PDF, Encrypted PDF, JPEG, TIFF, Compact PDF[*6], PDF/A
Scanner utilities	Network Scanner Tool, Sharpdesk
Scan destinations	Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory, i-Fax[*7]

EXTERNAL DIMENSIONS



MX-5112N/MX-4112N shown with options.

DOCUMENT FILING

Document filing capacity (pages/or files)	
Main and custom folders	20,000[*8] or 3,000
Quick file folder	10,000[*8] or 1,000
Stored jobs	Copy, print, scan, fax transmission[*9]
Storage folders	Quick file folder, main folder, custom folder (max. 1,000)
Confidential storage	Password protection (for main and custom folders)

COLOUR NETWORK PRINTER

Resolution (dpi)		1,200 x 1,200, 600 x 600, 9,600 (equivalent)[*4] x 600
Interface		USB 2.0 10Base-T/100Base-TX/1000Base-T
Supported OS[*10]	Std	Windows® 2000/XP, Windows® Server 2003/2008/2008R2, Windows Vista®, Windows® 7
	Opt	Mac OS 9.0 - 9.2.2, Mac OS X 10.2.8, 10.3.9, 10.4.11, 10.5 - 10.5.8, 10.6 - 10.6.5, 10.7 – 10.7.2
Network protocols[*10]		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	Std	PCL 6
	Opt[*11]	PS3, XPS
Available fonts	PCL	80
	PS3[*11]	36

FAX (requires optional MX-FX11)

Compression method		MH/MR/MMR/JBIG
Communication protocol		Super G3/G3
Transmission time[*12] (seconds)		Less than 3
Modem speed (bps)		33,600 – 2,400 with automatic fallback
Transmission resolution (dpi)		
	Std	203.2 x 97.8
	Ultra Fine	406.4 x 391
Recording width		A3 – A5
Memory (GB)		1
Grey scale levels		256

ENERGY STAR

R6 READY

OSA® Sharp Open Systems Architecture

SAP® Printer Vendor Solution

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NOTES

[*1] At rated voltage. May vary depending on machine conditions and operating environment.
[*2] 1 GB = One billion bytes when referring to hard drive capacity. Actual formatted capacity is less.
[*3] Best achieved time based on A4 copy, long-edge feeding from 1st paper drawer, using document glass, when machine is ready, without Auto Colour Mode and Auto Colour Selection. May vary depending on machine conditions and operating 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 View application installed.
[*6] Requires optional MX-EB11.
[*7] Optional MX-FWX1 required.
[*8] Measured using Sharps' standard chart (A4 with 6% coverage, B/W). The Quick File folder shares the HDDwith the Job Build function; up to 10 GB of data storage is available when using both functions.
[*9] Optional MX-FX11 required.
[*10] Optional MX-PK11 required for Mac OS, EtherTalk and PS3.
[*11] PS3 requires optional MX-PK11. XPS requires optional MX-PUX1 and MX-SM10.
[*12] Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

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