

# SHARP

MX-2610N / MX-3110N / MX-3610N

Digital Full Colour Multifunctional System



NEXT-GENERATION  
A3 COLOUR MFPS

It's the one piece of office equipment that everyone shares  
**/This is Why** we've made things easy.

## Intuition takes no time at all /This is Why we use finger-swipe control.

Finger-swipe control made smart phones and tablet PCs possible. Now it's revolutionised office multifunction systems.

Forget complex controls. Leave the manual alone for a moment. Instead, simply reach out to touch the screen and flick or slide your finger for total control of every document, function and setting.

### Welcome to the future

Finger swipe control makes everything easy. And that's important, because these next-generation MFPs can do far more than earlier models.

You can add full internet access, for example. There's no need for a PC - just walk up, browse the web with your favourite search engine, and print what you need there and then.

You can use Sharp OSA® to connect to the 'Cloud'. That means you can run the latest Software as a Service (SaaS) applications\*<sup>1</sup> developed by our Technology Partners: powerful solutions that take office productivity to an entirely new level.

And if you do want to see the user guide, you can browse through it on the large 10.1" colour control screen, which tilts\*<sup>2</sup> for comfortable viewing.

FINGER-SWIPE CONTROL FOR INTUITIVE OPERATION OF EVERY FUNCTION



\*<sup>1</sup> Please check availability of Sharp OSA applications.

\*<sup>2</sup> Some positions are not available with the MX-FN17 or MX-FN10 Finisher installed.

## More choice

There are three models to choose from: the 26 pages-per-minute (ppm) MX-2610N, the 31 ppm MX-3110N and the 36 ppm MX-3610N. Each produces top quality colour at full speed and come with two-sided printing, copying and scanning, a 160GB hard drive for storing jobs, and robust security as standard. But even though they are among the smallest A3 colour MFPs in their class, you can also add a wide range of extra-value options to raise productivity right across the office.

Choose a space-saving inner finisher with electronic sorting and offset stacking, and a saddle-stitch finisher for easy, professional-looking documents. Add fax functionality, a Mirroring Kit to back up the hard drive, extra security, additional paper drawers with 'easy grip' handles, and third party applications for automating manual office tasks.

## Go wireless

The MX-2610N, MX-3110N and MX-3610N 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.



REVOLUTION IN  
OFFICE PRODUCTIVITY

\* Available at a later date.

## Information breeds success /This is Why we make it available.

Information is no use to anyone if it's locked away somewhere. You need to get it to the people who make decisions. The MX-2610N, MX-3110N and MX-3610N let everyone harness the information that's held in hard copy documents by scanning directly to their own or other email addresses, their desktops, network locations and USB memory sticks.

Scanning really is first class. You get on-screen single-page, 3D and thumbnail previews of your documents, and the ability to rotate, reorder, delete and insert pages simply by sliding your fingers around.

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.

STORE AND RETRIEVE DOCUMENTS  
WITH THUMBNAIL VIEWS



## Easy high-volume scanning

These MFPs are particularly suitable for high volume scanning thanks to thoughtful innovations that automatically stamp originals as they're scanned and skip blank pages entirely.

Sharp's OSA Network Scanner Tool\* 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.



ADVANCED PREVIEW AND  
EDITING FUNCTIONS -  
IMPROVES WORKFLOW

\*Requires optional MX-AMX2.

## There should be nothing to hold you back **/This is Why** our MFPs make it easy to succeed.

You can choose print speeds of 26 ppm (MX-2610N), 31 ppm (MX-3110N) or 36 ppm (MX-3610N). Whatever you decide, you'll be buying an easy to use MFP that can handle the heaviest workloads, at its full published speed, in colour as well as in black & white. That's one reason you'll never need to slow down. The others?

The 100-sheet document feeder will scan single-sided originals at speeds of up to 50 pages per minute. Or double-sided at 20 per minute. There's a Job Build function which lets you scan large-volume of documents in easily manageable batches, combining them into a single job.

Auto Colour Mode makes accurate colour copying a one touch process. The paper supply can grow to 5,600 sheets for fewer interruptions. You don't even need a PC - just plug a USB memory stick into the MFP and print\* directly from that. You can scan to it, too.

### STYLISH, HIGH-QUALITY DOCUMENTS



### TWO CONVENIENT USB PORTS FOR 'WALK-UP' PRINTING WITH A MEMORY STICK



\*Feature supports direct, driverless printing of PDF, compact PDF, TIFF, XPS, and JPEG files. MX-PK11 required for PDF printing.

**Good planets are hard to find /This is Why we all need to take care of this one.**

What makes these MFPs greener? It's a combination of things. They have a rapid warm up time which uses less energy over a short period of time. We've used super-efficient LEDs in the scanner and introduced a special Eco Scan mode for extra energy savings. They have self-adjusting automatic shutdown capability which prevents unnecessary energy consumption, in addition to a pre-set shutdown schedule.

Naturally, each of them bears the Energy Star label which is only to be expected, as our latest energy-saving technology has given them a typical electrical consumption among the lowest in their class.



LOW ENERGY  
LED LIGHTS



## GENERAL

### Engine speed (ppm/cpm) (Max)

Colour / B/W	A4	A3
<b>MX-2610N</b>	26	14
<b>MX-3110N</b>	31	15
<b>MX-3610N</b>	36	17

### Paper size (Min – Max)

A5R – A3W

### Paper weight (g/m<sup>2</sup>)

Drawer 60 – 209

Bypass 55 – 256

### Paper capacity (Std – Max)

Sheets 600 – 5,600

Drawers 1 (plus multi-bypass tray) – 4 (plus multi-bypass & large capacity tray)

### Warm-up time\*<sup>1</sup> (seconds)

20

### Memory (MB) (Min – Max)

Copier/Printer	3
Printer (Opt)	1
HDD	160 GB* <sup>2</sup>

### Power requirements

Rated local AC voltage  $\pm 10\%$ , 50/60 Hz

### Power consumption (kW) (Max)

1.84 (200 – 240V)

### Dimensions (mm) (W x D x H)

MX-2610N/MX-3110N	583 x 658 x 834
MX-3610N	608 x 680 x 834

### Weight (kg)

MX-2610N/MX-3110N	74
MX-3610N	77

## COPIER

### Original paper size (Max)

A3

### First copy time\*<sup>3</sup> (seconds)

	Full colour	B/W
MX-2610N	8.1	5.9
MX-3110N	7.9	5.8
MX-3610N	6.8	5.2

### Continuous copies (Max)

999

### Resolution (max) (dpi)

Scan (colour)	600 x 600
Scan (b/w)	600 x 600, 600 x 400, 600 x 300
Print	600 x 600, 9600 (equivalent) x 600* <sup>4</sup>

### 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-complaint application)

### Resolution (dpi)

Push scan	100, 150, 200, 300, 400, 600
Pull scan	75, 100, 150, 200, 300, 400, 600, 50 – 9600* <sup>4</sup>

### File formats

XPS\*<sup>5</sup>, PDF, Encrypted PDF, JPEG, TIFF, Compact PDF\*<sup>6</sup>, PDF/A

### Scanner utilities

Network Scanner Tool, Sharpdesk

### Scan destinations

Scan to e-mail, desktop, FTP server, network folder (SMB),  
USB memory, i-Fax, TWAIN /WIA compliant application

## DOCUMENT FILING

### Document filing capacity (pages / or files)

Main and custom folders	20,000* <sup>7</sup> or 3,000
Quick file folder	10,000* <sup>7</sup> or 1,000

### Stored jobs

Copy, print, direct print, scan, fax transmission\*<sup>8</sup>

### Storage folders

Quick file folder, main folder, custom folder  
(max. 1,000)

### Confidential storage

Password protection

## NETWORK PRINTER

### Resolution (dpi)

1,200 x 1,200, 600 x 600, 9,600 (equivalent)\*<sup>4</sup> x 600

### Interface

10Base-T/100Base-TX/1000Base-T, USB 2.0

### Supported OS\*<sup>9</sup>

	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\*<sup>9</sup>

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* <sup>10</sup>	PS3, XPS

### Available fonts

	PCL	80
	PS3* <sup>9</sup>	136

## FAX (requires optional MX-FX11)

### Compression method

MH/MR/MMR/JBIG

### Communication protocol

Super G3/G3

### Transmission time\*<sup>11</sup> (seconds)

Less than 2

### 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

A5 – A3

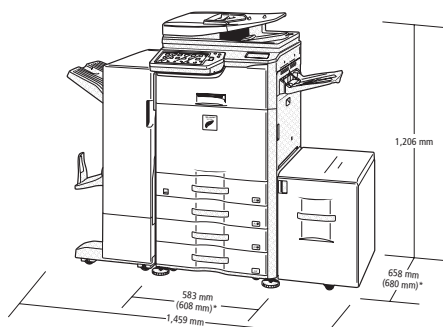
### Memory (GB)

1

### Grey scale levels

256

## EXTERNAL DIMENSIONS



\* MX-3610N dimensions

MX-3110N/2610N shown with options.

## NOTES

\*<sup>1</sup> At rated voltage. May vary depending on machine conditions and operating environment.

\*<sup>2</sup> 1GB = One billion bytes when referring to hard drive capacity. Actual formatted capacity is less.

\*<sup>3</sup> 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.

\*<sup>4</sup> Resolutions higher than 600 dpi are interpolated.

\*<sup>5</sup> To view XPS files on PCs not running Windows Vista, you must have the XPS View application installed.

\*<sup>6</sup> Requires optional MX-EB11.

\*<sup>7</sup> Measured using Sharp's standard chart (A4 with 6% coverage B/W). The Quick File Folder shares memory with the Job Build function; up to 10 GB of data storage is available when using both functions. The storage capacity will be less for colour pages.

\*<sup>8</sup> Optional MX-FX11 required.

\*<sup>9</sup> Optional MX-PK11 required for Mac OS, EtherTalk and PS3.

\*<sup>10</sup> PS3 requires optional MX-PK11. XPS requires optional MX-PUX1 and MX-SM10.

\*<sup>11</sup> 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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**SHARP**



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## 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-FR30U.

## Time can only be spent, not bought /This is Why our MFPs are easy to own and manage.

The MX-2610N, MX-3110N and the MX-3610N save everyone time because they're so easy to manage. For a start, 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.

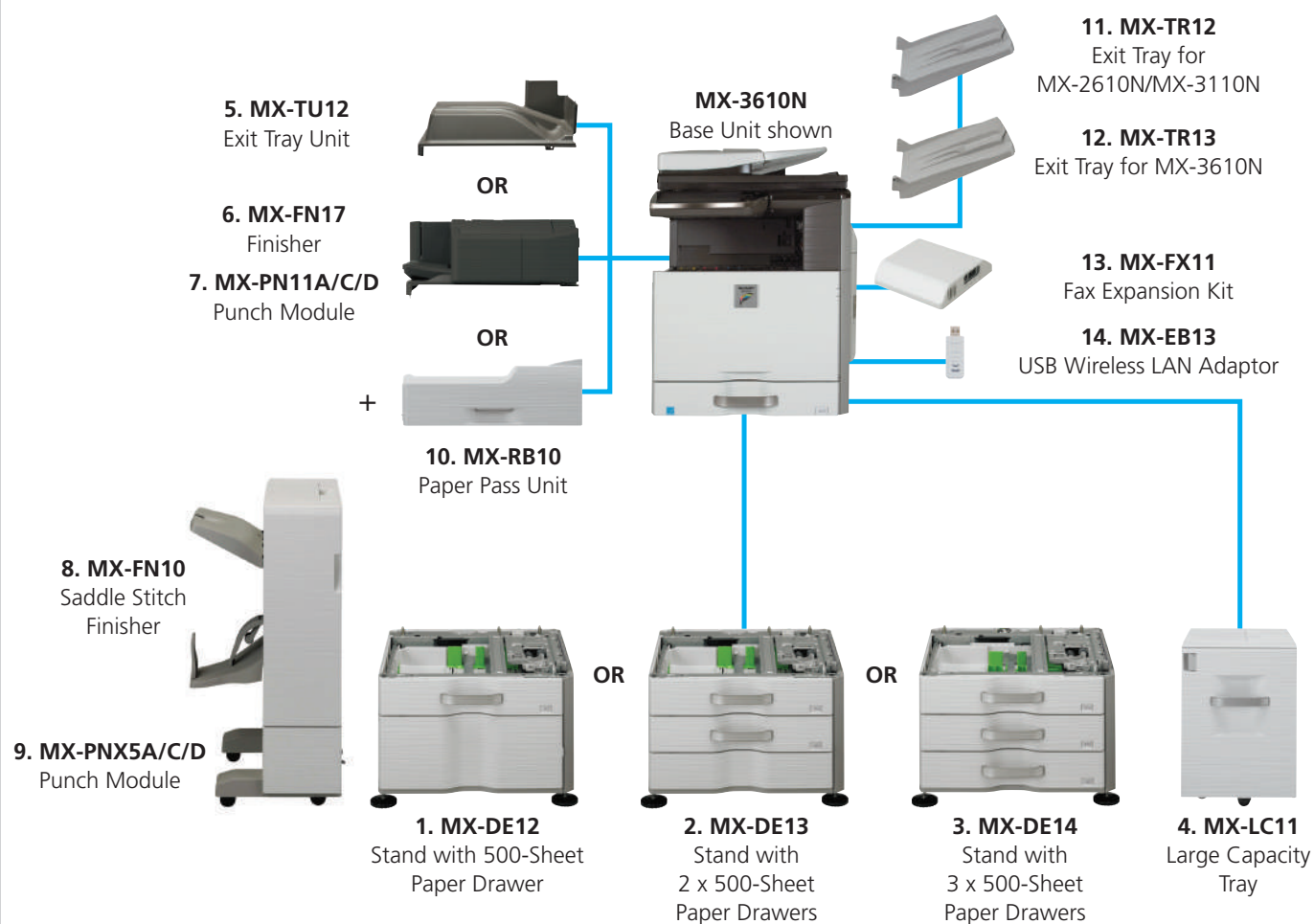
They can even remotely view\* and operate the front panel display, taking control, changing settings, fixing problems and providing ad hoc training, without ever leaving their desks, thanks to our innovative **Remote Access Control Panel**.



ACCESS USER MANUAL  
DIRECTLY FROM MFP PANEL

\* Requires VNC application.

## OPTIONS & CONFIGURATION EXAMPLES



MX-2610N Base Unit  
Exit Tray Unit  
Stand with 500-Sheet Paper Drawer



MX-3110N Base Unit  
Finisher  
Stand with 3 x 500-Sheet Paper Drawers  
Exit Tray



MX-3610N Base Unit  
Stand with 3 x 500-Sheet Paper Drawers  
Saddle Stitch Finisher + Paper Pass Unit  
Exit Tray  
Large Capacity Tray

## Base Unit

### MX-KB11 Keyboard

#### 1. MX-DE12 Stand with 500-Sheet Paper Drawer

A3 to A5R, 500 sheets (80 g/m<sup>2</sup>)

#### 2. MX-DE13 Stand with 2 x 500-Sheet Paper Drawers

A3 to A5R, 500 sheets each (80 g/m<sup>2</sup>) for lower and upper trays

#### 3. MX-DE14 Stand with 3 x 500-Sheet Paper Drawers

A3 to A5R, 500 sheets each (80 g/m<sup>2</sup>) for lower and upper trays

#### 4. MX-LC11 Large Capacity Tray

A4 to B5, 3,500 sheets (80g/m<sup>2</sup>)

## Finishing

### 5. MX-TU12 Exit Tray Cabinet Unit

#### 6. MX-FN17 Finisher

A3 to B5 (offset/staple),

A3W to A5R (non offset)

Offset tray (upper): max. 500-sheet paper capacity\*<sup>1</sup>

Stapling capacity: max. 50-sheet multi-position staple\*<sup>1</sup>

Staple position: 3 locations (front, rear or 2 point stitching)

#### 7. Optional Punch Module for MX-FN17:

**MX-PN11A - 2 Hole Punch Module**

**MX-PN11C - 4 Hole Punch Module**

**MX-PN11D - 4 Hole Wide Punch Module**

#### 8. MX-FN10 Saddle Stitch Finisher (1,000-Sheet)

A3 to B5 (offset/staple), A3W to A5R (non offset)

Offset tray (upper): max. 1,000-sheet paper capacity\*<sup>1</sup>

Stapling capacity: max. 50-sheet multi-position staple\*<sup>1</sup>

Staple position: 3 locations (front, rear or 2 point stitching)\*<sup>1</sup>

Saddle stitch tray (lower): 10 sets (11-15 sheets), 15 sets (6-10 sheets), 20 sets (1-5 sheets). 15 sheets max per set

#### 9. Optional Punch Module for MX-FN10

**MX-PNX5A - 2 Hole Punch Module**

**MX-PNX5C - 4 Hole Punch Module**

**MX-PNX5D - 4 Hole Wide Punch Module**

#### 10. MX-RB10 Paper Pass Unit

required when using MX-FN10

#### 11. MX-TR12 Exit Tray Unit for MX-2610N/3110N

#### 12. MX-TR13 Exit Tray Unit for MX-3610N

## Faxing

### 13. MX-FX11 Fax Expansion Kit

Super G3 fax module

### MX-FWX1 Internet Fax Expansion Kit

## Connectivity

### 14. MX-EB13 USB Wireless LAN Adaptor\*<sup>2</sup>

Enables connection to wireless network

## 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-FR30U Data Security Kit

Commercial Version

(Common Criteria validated version will also be available)

### MX-EB12 Mirroring Kit

Second hard drive enabling data backup of files stored on HDD

\*<sup>1</sup> A4 or smaller, 80g/m<sup>2</sup>. Some options may not be available in some areas.

\*<sup>2</sup> Available at a later date.