SHARP know that reliability, practicality and ease-of-use are essential qualities when choosing an office MFP/This is Why our MX-2310U / MX-3111U are designed to meet the needs of your entire team, delivering superior performance day-in, day-out.

MX-2310U / MX-3111U
Multi-Function Systems

/This is Why our MX-2310U and MX-3111U colour MFPs are the perfect choice for any size office

Move up to A3 colour

The MX-2310U and MX-3111U multifunction systems are a great choice for any small office or workgroup. They're versatile, compact and bring high quality A3 colour within reach of every business.

Print and copy speeds are fast, even in colour. The MX-2310U prints up to 23 ppm (pages per minute), the MX-3111U manages an even more impressive 31 ppm. Plus, you get automatic two-sided colour scanning, network printing, robust security features, remote access control and powerful utility software. It all adds up to give you a rapid return on your investment.

What's more, there's a whole range of options and upgrades you can specify, including fax, extra security, a space-saving inner finisher, and access to third party software, to configure an MFP that's exactly right for your business.

Outstanding design

As well as being some of the most powerful A3 colour MFPs in their class, the MX-2310U and MX-3111U are also two of the smallest. Every thought has been given to ease of use and energy efficiency.

A 7.0 inch touch screen colour LCD with thumbnail previews and convenient stylus pen, for example, makes everyday operation simple and intuitive. We've even added easy-grip handles to the paper drawers.

7.0 inch LCD colour touch screen.

Impressive green credentials

The Energy Star-certified MX-2310U and MX-3111U are designed to fully support your environmental objectives. We've used LED lights in the scanner for lower power consumption and reduced the warm up time to less than 20 seconds.

The MX-2310U and MX-3111U also 'learn' your usage patterns and automatically move into standby mode during periods of inactivity. The result is a truly versatile pair of A3 colour MFPs – ideal for everyday use – that have a Typical Electrical Consumption among the lowest in their class: just 1.72 kWh (MX-2310U) and 2.51 kWh (MX-3111U) for an average week.

/This is Why our MFPs can help increase productivity

Enhanced productivity

You'll be surprised at how much more you can accomplish with the MX-2310U and MX-3111U. Unlike some MFPs which make you slow down for colour, these powerful, compact machines can print and copy at their full 23 and 31 pages per minute respectively. What's more, you can double the effective speed by linking two machines together and sharing jobs between them.

Couple that with fast scan speeds (50 originals per minute) and a first page out time of just 7.9 seconds* (less for black and white pages), and you have a device with more than enough performance to satisfy the whole team.

Everyday efficiency

Complex jobs are quickly mastered thanks to a 100-sheet Reversing Single-Pass Feeder for rapid double-sided scanning, and you get electronic sorting for collating jobs and keeping them separate. A Job Build function lets everyone manage high volume copying with ease, and there's a large internal hard disk for storing and retrieving documents.

Walk-up printing from a memory stick is easy, thanks to two USB ports, and you can directly print** common PDF, TIFF and JPEG files without taking the time to use a printer driver.

It all adds up to a pair of surprisingly versatile and compact MFPs which will boost productivity across the whole team.

Superior image quality

We've made it as easy as possible to get top quality from everything that you print, copy or scan. Newly formulated developer and toner delivers enhanced image quality across a useful range of media, and a colour print resolution of 600 x 600 dpi, and 9600 x 600 dpi interpolated adds style and impact to all of your documents.

You don't need to be a colour expert to get the best out of the MX-2310U or MX-3111U either. Their Auto Colour Mode takes care of all the settings for you, producing accurate, high quality copies with faithfully reproduced colour, halftones and fine detail.

There's no fuss and no special features to learn. Just page after page of smart, professional documents for everyday business use.

All-in-one performance

The new MX-2310U and MX-3111U incorporate the key performance-enhancing technologies that you'll find in Sharp's other award winning MFPs, and more. Full colour scanning is fast and versatile. Originals can be scanned into most popular formats then instantly sent to your desktop, multiple email addresses, a folder on your network or FTP server, or simply a USB memory stick. Plus, there's a handy 'Scan to Me' function for single-touch scanning direct to your own email address.

* Best achieved time based on A4 copy MX-3111U model, 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. MX-2310U first page out in 10 seconds.
**Requires optional MX-PB14. PDF direct printing also requires MX-PK11.

/This is Why our MFPs offer superior convenience, flexibility and security

Unlocking information across the enterprise

Now you can really put paper-based information to full use, digitising documents and distributing them as needed. Even high volume scanning is effortless thanks to thoughtful innovations that automatically stamp originals as they're scanned and skip blank pages entirely.

To distribute your scans, simply browse and select email destinations from a list which is synchronised with your corporate email address book. And if you send a copy to your PC, you can use Sharpdesk document management software, which lets you store and manage files of virtually any format, and even combine them into new multipage documents.

Convenient filing

The MX-2310U and MX-3111U come with a 160 GB hard drive on which you can store jobs (neatly indexed with thumbnail views) for later reuse. Choose from Quick Filing for temporary storage, Advanced Filing for long-term archiving, or a Main Folder for convenient workgroup sharing. You can also store your documents in private, password protected folders.

LED scanner uses less energy than conventional lamps.

Ready for the future

Choose the configuration you need today and add extra options as and when you need them. Expand the paper supply up to 2100 sheets, add Super G3 and internet fax, invest in extra security, install a space-saving inner finisher and hole punch: It's your choice.

The MX-2310U and MX-3111U can also run the latest Sharp OSA® (Open Systems Architecture) applications, transforming it into an integrated gateway to your networked business applications. Different applications can be used for automating manual office tasks, such as capturing and distributing documents, or to let you access network applications and data directly from the MFP's front panel.

Security you can trust

Multi-layered security works 24/7 to keep your network and data safe from all unauthorised access, intentional or innocent. Standard security measures include user authentication, Confidential PIN Printing, SSL data encryption, a secure network interface, IEEE 802.1X compliance, IPsec compatibility and password-protected encrypted PDFs. But that's not all.

Both MX-2310U and MX-3111U have hard disks as standard which store documents and data. To safeguard this information and for even greater security, choose the optional Data Security Kit, which encrypts and securely erases data from the hard disk and internal memory, at specified intervals or on demand. The kit also has a Document Control facility to prevent unauthorised copying, scanning, faxing and filing. In addition, the standard Data Initialisation function safely wipes all data from the hard drive of either system, prior to fitting a replacement unit.

/This is Why our MX-2310U and MX-3111U help make your workflow easier to manage

Easy to manage

Although the MX-2310U and MX-3111U are both powerful and versatile, they're remarkably easy to manage. Every important setting can be configured from a dedicated web page. A glance at the Job Status Screen on the control panel, for example, will show you all copy and print jobs and their position in the queue. But that's just one thoughtful idea. Other ease-of-use innovations include:

Remote Access Control Panel – Support staff can remotely view and operate the front panel display, taking control, changing settings, fixing problems and even providing ad hoc training, without leaving their desks.

Printer Status Monitor – Lets you check the MFPs operating status from your PC, so you can make sure there's sufficient toner and paper before you start a job. What's more, as soon as your documents are printed an alert appears on your desktop, saving wasted trips across the office.

Remote Diagnosis – Solve issues before they become problems by monitoring your MFPs via your web browser, and receive timely email alerts when maintenance is required.

Sharp Remote Device Manager – Installed on your file server, Sharp Remote Device Manager (SRDM) gives you complete, real-time control of your printers and MFPs through any standard web browser. Error reporting, technical support, driver installation, firmware upgrades, printer configuration: everything is easier and more accessible.

MX-2310U / MX-3111U – **options**

Finishing

1. **MX-FN17** Finisher
   - A3 to B5 (offset/staple)
   - A3W to A5R (non offset)
   - 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)
2. **MX-PN11A/C & D** 2/4 Hole & 4 Hole-Wide Punch Module
   - Optional Punch Module for MX-FN17
3. **MX-TR12** Exit Tray Unit

Faxing

4. **MX-FX11** Super G3 Fax Expansion Kit Module
   MX-FWX1 Internet Fax Expansion Kit

Base Unit

5. **MX-DE12** Stand with 500-Sheet Paper Drawer
   - A3 to A5R, 500 sheets (80 gsm)
6. **MX-DE13** Stand with 2 x 500-Sheet Paper Drawers
   - A3 to A5R, 500 sheets each (80 gsm) for lower and upper trays
7. **MX-DE14** Stand with 3 x 500-Sheet Paper Drawers
   - A3 to A5R, 500 sheets each (80 gsm) for lower and upper trays

Scanning

AR-SU1 Stamp Unit
   - Marks already scanned documents for checking

Printing

MX-PB14 PCL6 Printer Expansion Kit
MX-PK11 PS3 PostScript Printing Expansion Kit
   - MX-PB14 required
MX-PUX1 XPS Expansion Kit
   - MX-PB14 and L80MXSM10 required
L80MXSM10 Expansion Memory Board
MX-PF10 Barcode Font Kit

Sharpdesk™ licenses

MX-USX1 Sharpdesk 1-License Kit
MX-USX5 Sharpdesk 5-License Kit
MX-US10 Sharpdesk 10-License Kit
MX-US50 Sharpdesk 50-License Kit
MX-USA0 Sharpdesk 100-License Kit

Sharp OSA®

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

Security

MX-FR25U Data Security Kit*[2]
MX-FR34U Data Security Kit*[3]

*[1] A4 or smaller, 80gsm.
*[2] For MX-2310U only.
*[3] Available for both models at a later date.
Note: Some options may not be available in some areas.
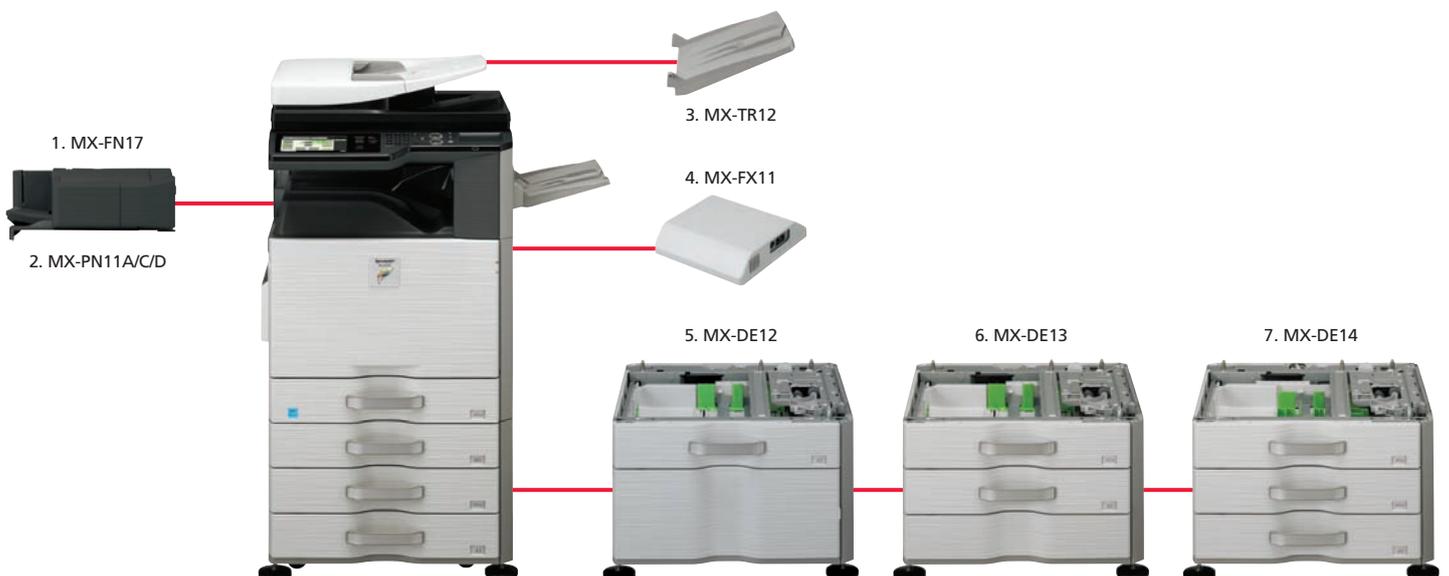
1. MX-FN17

2. MX-PN11A/C/D

3. MX-TR12

4. MX-FX11

5. MX-DE12

6. MX-DE13

7. MX-DE14

Specifications

General

Engine speed (ppm/cpm)				
MX-2310U:	A4 Colour: 23		A4 B/W: 23	
	A3 Colour: 11		A3 B/W: 11	
MX-3111U:	A4 Colour: 31		A4 B/W: 31	
	A3 Colour: 15		A3 B/W: 15	

Paper size		A3W (max)	A5R (min)
Paper weight	Drawer:	60-209 gsm	
	Bypass:	55-256 gsm	
Paper capacity	Std:	600 sheets (1 x 500-sheet drawer and 100-sheet multi-bypass tray)	
	Max:	2100 sheets (4 x 500-sheet drawers and 100-sheet multi-bypass tray)	
Warm-up time*¹		Less than 20 sec.	
Memory	Std:	1 GB (copier/printer shared)	
	Option:	1.5 GB*³ (printer)	
HDD capacity*²		160 GB	
Power requirements		Rated local AC voltage ±10%, 50/60 Hz	
Power consumption	Max:	1.84 kW (220 - 240V)	
Dimensions (wdh)		583 x 623 x 834 mm	
Weight		Approx. 73 kg	

Copier

Original paper size	Max:	A3		
First copy time*⁴				
MX-2310U:		Colour: 10 sec.		B/W: 7.4 sec.
MX-3111U:		Colour: 7.9 sec.		B/W: 5.8 sec.
Continuous copy	Max:	999 copies		
Scan Resolution	Colour:	600 x 600 dpi		
	B/W:	600 x 600, 600 x 400, 600 x 300 dpi		
Print Resolution		600 x 600, 9600 equivalent*⁵ x 600 dpi		
Gradation		Equivalent to 256 levels		
Zoom range		25 to 400% (25 to 200% using RSPF) in 1% increments		
Preset copy ratios		10 ratios (5R/5E)		

Network Scanner

Scan method		Push scan (via operation panel), Pull scan (with TWAIN-supporting application)
Scan resolution:	Push:	100, 200, 300, 400, 600 dpi
	Pull:	75, 100, 150, 200, 300, 400, 600 dpi, 50 to 9600 dpi*⁵, custom
File formats		TIFF, PDF, Encrypted PDF, JPEG (colour only), XPS*⁶
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: 72 GB, 20,000 pages*⁷ or 3000 files
	Quick file folder: 14 GB, 10,000 pages*⁷ or 3000 files
Stored jobs	Copy, print, scan, fax transmission*⁸
Storage folders	Quick file folder, main folder, custom folder (max. 1000 folders)
Confidential storage	Password protection

Network Printer

Resolution	600 x 600, 9600 equvalent*⁵ x 600 dpi
Interface	USB 2.0
	10Base-T/100Base-TX/1000Base-T
Supported OS*⁹	Standard: Windows® 2000, Windows® XP, Windows® Server 2003/2008, Windows® Vista, Windows® 7
	Optional: Mac OS 9.0-9.2.2, Mac OS X 10.2.8-10.6.2
Network protocols*⁹	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: SAPL-c (Sharp Advanced Printing Language -c)
	Option*¹⁰: PCL6, PS3, XPS
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation*⁹

B/W Facsimile (optional MX-FX11 required)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds*¹¹
Modem speed	33,600 bps - 2400 bps with automatic fallback
Transmission resolution	Standard: 203.2 x 97.8 dpi
	Extra Fine: 406.4 x 391 dpi
Recording width	A3-A5
Memory	1 GB
Grey scale levels	Equivalent to 256 levels

SHARP
/This is Why