

SHARP

MX-2010U

Digital Full Colour Multifunctional System



print | copy | scan | fax | file

Style. Simplicity. Performance.

Multifunctional A3 colour
for the smaller office



Make a difference with A3 colour

Introducing the compact and stylish 20 pages per minute MX-2010U. Now you can print, copy and scan in full colour, at full speed, with this surprisingly affordable MFP.

We've included all the major functions that every office needs - plus robust security - but left it up to you to choose your ideal configuration. So you get everything you need, with no unnecessary extras, in the smallest, most space-saving MFP in its class.

We've put a special emphasis on ease of use. The MX-2010U has a 7.0" colour touch screen control panel with a stylus pen for easy operation and every major function is intuitive and obvious. There are even 'easy grip' handles on the paper drawers.

It's easy to manage, too, thanks to a Remote Access Control facility for operating, configuring and troubleshooting the MFP from across the office network.

More choice. Better value

Choose from a wide range of options to create a custom configuration that's exactly right for you. A Reversing Single Pass Feeder makes double-sided scanning and copying quick and easy, for example. And the optional internal hard drive lets you store and reuse documents. And that's not all. You can also specify a space-saving inner finisher with offset stacking and electronic sorting, extra security, a useful fax capability and access to third party software for automating routine office tasks. Whatever you decide, you only have to buy what you really need.

Kinder to the environment

The Energy Star-certified MX-2010U uses Sharp's green technology to support your environmental objectives. Not only does it take only 45 seconds or less to warm up when you switch it on, but it 'learns' your typical usage patterns and automatically shuts off the power during quiet times. Plus, we've used energy-efficient LED lights in the scanner for lower power consumption. These, and other smart design features give this MFP one of the lowest Typical Electrical Consumption figures in its class.



The Energy Star-certified MX-2010U is designed to fully support your environmental objectives.

Product highlights



Space-saving inner finisher option



Low-energy LED lights



Easy-grip drawer handles



Colour LCD display



Stylus pen





Everyday Productivity



The MX-2010U can add brilliant colour to all your documents without slowing down.

You'll be surprised at how much more you can do with the MX-2010U. Unlike some MFPs which make you slow down for colour, this powerful, compact machine can print and copy at the full 20 pages per minute. What's more, you can double the effective speed by linking two together* and sharing jobs between them.

Couple that with fast scan speeds (50 originals per minute) and a first page out time of just 10.2 seconds** (less for black and white pages), and you have a device with more than enough performance to satisfy the whole team.

Enhanced efficiency

Complex jobs are quickly mastered thanks to the optional 100-sheet Reversing Single-Pass Feeder for rapid doublesided 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 an optional 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 compact yet surprisingly versatile MFP which will boost productivity across the whole team.



Optional 100-sheet Reversing Single-Pass Feeder



Thumbnail views* keep you in control



USB ports for walk-up printing from a memory stick

* Requires optional MX-HD10.

** 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.

***Requires optional MX-PB14 and MX-HD10. PDF direct printing also requires MX-PK11.

Excellent 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-2010U, either. Its 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.



Performance enhancing technology

The new MX-2010U incorporates 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.

Unlocking information across the enterprise

Now you can really put paper-based information to full use, digitizing 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

With the optional 160GB hard drive 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.



Highly configurable

Choose the configuration you need today and add extra options as and when you need them. Expand the paper supply up to 2,100 sheets, add Super G3 and internet fax, invest in extra security, add an internal hard drive, install a space-saving inner finisher and hole punch: It's your choice.

The MX-2010U 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

The multi-layered security of the MX-2010U 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.

The optional hard disk stores 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 MX-2010U when it's time to replace it.



The MX-2010U comes with multi-layered security to protect your information, documents and network.

* Requires optional MX-HD10 and MX-AMX2 and/or MX-AMX3.

Easy to manage

Although the MX-2010U is both powerful and versatile, it's 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



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.

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.

Printer Status Monitor

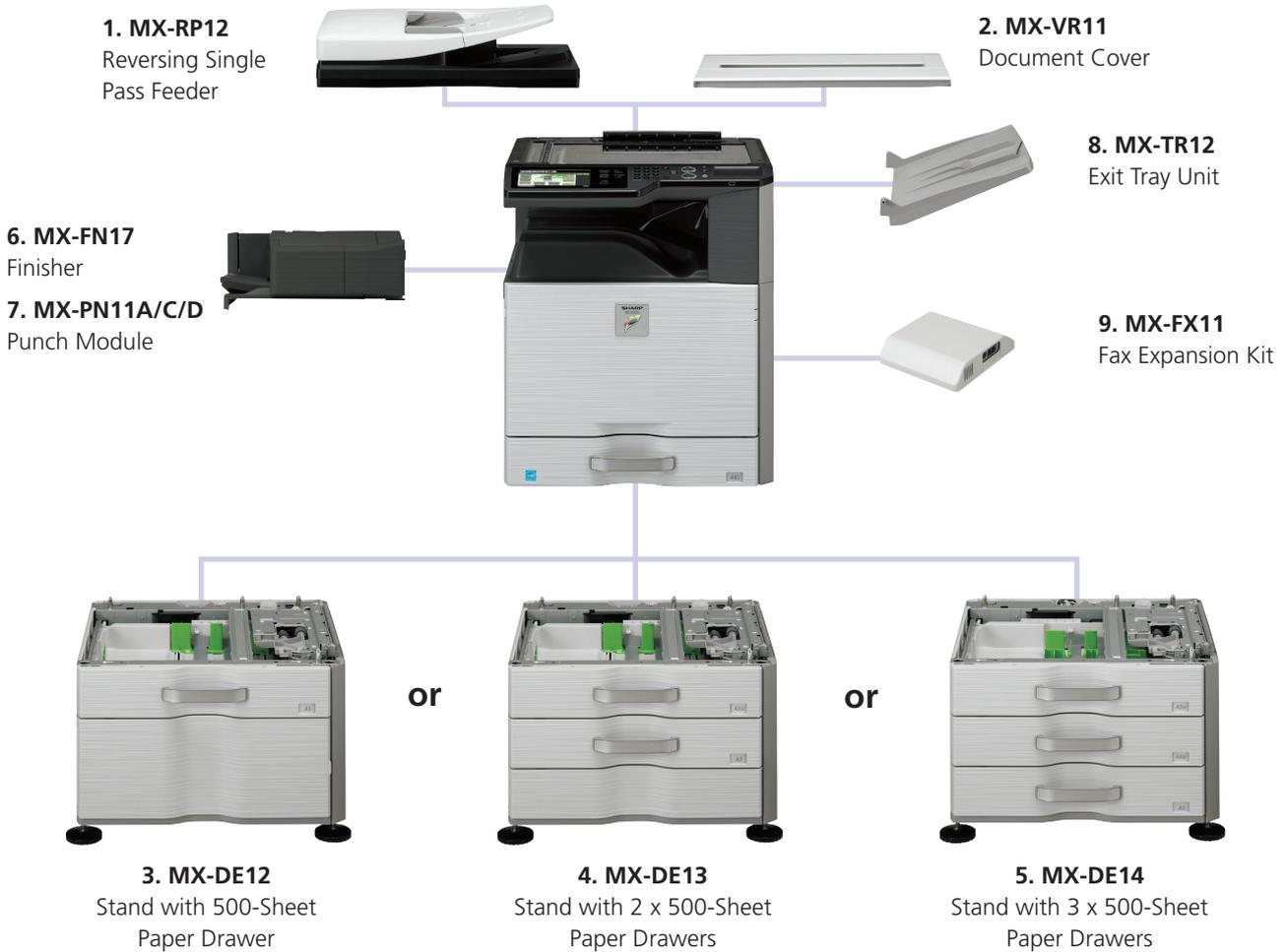
Lets you check the MFP's operating status from your PC, so you can make sure there's sufficient toner and paper before you start a job. What's more, as soon as your documents are printed an alert appears on your desktop, saving wasted trips across the office.

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.

Options

No two workgroups are exactly alike and everyone has different needs. Choose from these options to configure an MFP that's perfect for your business.



Configuration examples



Base Unit

1. **MX-RP12 Reversing Single Pass Feeder**
2. **MX-VR11 Document Cover**
3. **MX-DE12 Stand with 500-Sheet Paper Drawer**
A3 to A5R, 500 sheets (80 g/m²)
4. **MX-DE13 Stand with 2 x 500-Sheet Paper Drawers**
A3 to A5R, 500 sheets each (80 g/m²) for lower and upper trays
5. **MX-DE14 Stand with 3 x 500-Sheet Paper Drawers**
A3 to A5R, 500 sheets each (80 g/m²) for lower and upper trays

Finishing

6. **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)
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-TR12 Exit Tray Unit**

Faxing

9. **MX-FX11 Fax Expansion Kit**
Super G3 fax module
- MX-FWX1 Internet Fax Expansion Kit**

Connectivity

Printing

MX-PB14 Printer Expansion Kit
Enables PCL6 printing

MX-PK11 PS3 Expansion Kit
Enables PostScript printing
(MX-PB14 required)

MX-PUX1 XPS Expansion Kit
(MX-PB14 and MX-SM10 required)

MX-SM10 Expansion Memory Board

MX-PF10 Barcode Font Kit
(MX-PB14 required)

MX-HD10
HDD Expansion Kit

Scanning

AR-SU1 Stamp Unit
Marks already scanned documents for checking

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^{*2}
1/5/10/50/100-License Kit
(MX-AMX2 required)

Security

MX-FR25U Data Security Kit^{*2}

*¹ A4 or smaller, 80g/m²

*² Available at a later date

Some options may not be available in some areas

Specifications

MX-2010U

Digital Full Colour Multifunction System



General		
Engine speed (Max.)	A4	A3
Colour ppm/cpm	20	10
B/W ppm/cpm	20	10
Paper size	Max. A3W, min. A5R	
Paper weight	Drawer: 60 g/m ² - 209 g/m ² Bypass: 55 g/m ² - 256 g/m ²	
Paper capacity	Standard: 600 sheets (500-sheet drawer and 100-sheet multi-bypass tray) Maximum: 2,100 sheets (4 x 500-sheet drawers and 100-sheet multi-bypass tray)	
Warm-up time**1	45 sec. or less	
Memory	Standard: Copier/Printer (shared): 1 GB Option: Printer: 1.5 GB Option: 160 GB HDD*2	
Power requirements	Rated local AC voltage ±10%, 50/60 Hz	
Power consumption (Max.)	1.84 kW (220 - 240V)	
Dimensions (W x D x H)*3	583 x 623 x 717 mm	
Weight*3	Approx. 65 kg	
Copier		
Original paper size	Max. A3	
First copy time*4	Full colour: 10.2 sec., B/W: 8.8 sec.	
Continuous copy	Max. 999 copies	
Resolution	Scan (colour): 600 x 600 dpi Scan (b/w): 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi Print: 600 x 600 dpi, 9600 equivalent*5 x 600 dpi (depending on print mode)	
Gradation	Equivalent to 256 levels	
Zoom range	25 - 400% (25 - 200% using RSPF) in 1% increments	
Preset copy ratios	10 ratios (5R/5E)	
Network Scanner		
Scan method	Push scan (via operation 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 - 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 (optional MX-HD10 required)	
Document filing capacity	Main and custom folders: 72 GB, 20,000 pages*7 or 3,000 files Quick file folder: 14 GB, 10,000 pages*7 or 3,000 files
Stored jobs	Copy, print, scan, fax transmission*8
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection
Network Printer	
Resolution	600 x 600 dpi, 9600 equivalent*5 x 600 dpi
Interface	USB 2.0 10Base-T/100Base-TX/1000Base-T
Supported OS*9	Standard: Windows® 2000/XP, Windows® Server 2003/2008, Windows® Vista, Windows® 7 Optional: 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
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 sec.*11
Modem speed	33,600 bps - 2,400 bps with automatic fallback
Transmission resolution	Standard: 203.2 x 97.8 dpi Ultra Fine: 406.4 x 391 dpi
Recording width	A3 - A5
Memory	512MB, max. 1GB*12
Grey scale levels	Equivalent to 256 levels

- *1: At rated voltage. May vary depending on machine conditions and operating environment.
 *2: Optional MX-HD10 required. 1GB = One billion bytes when referring to hard drive capacity. Actual formatted capacity is less.
 *3: Including document cover.
 *4: 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.
 *5: Resolutions higher than 600 dpi are interpolated.
 *6: To view XPS files on PCs not running Windows Vista, you must have the XPS View application installed.
 *7: Measured using Sharp's standard chart (A4 with 6% coverage, B/W).
 The Quick Folder shares memory with the Job Build function; up to 14GB of data storage is available when using both functions. The storage capacity will be less for colour pages.
 *8: Optional MX-FX11 required.
 *9: Optional MX-PK11 required for Mac OS, EtherTalk and PS3.
 *10: PCL requires optional MX-HD10 and MX-PB14. PS requires optional MX-HD10, MX-PK11 and MX-PB14. XPS requires optional MX-HD10, MX-PUX1, MX-PB14 and MX-SM10 (1GB).
 *11: Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.
 *12: Optional MX-HD10 required.



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