



print | copy | scan | fax | file

## Compact entry level A3 full colour MFP



### Highly Productive Operation

- Speedy output of max. 18 ppm in both colour and B/W
- Fast first copy time of 10.2 sec. in colour and 8.8 sec. in B/W
- Optional 160GB hard disk and standard electronic sorting function
- Optional 100-sheet high-speed Reversing Single Pass Feeder and standard stackless duplex module
- Network tandem function\*<sup>1</sup> doubles output speed by linking two MFPs
- Job Build function\*<sup>1</sup> for large-volume documents
- Standard 600-sheet paper capacity, expandable to max. 2,100 sheets

### Multi-Layered Security Solutions

- Supports the IEEE 802.1X standard for port-based network access control
- Function-specific user authentication
- External Active Directory server allows user authentication management of multiple MFPs and of a greater number of users\*<sup>1</sup>
- IP/MAC address filtering restricts unauthorised access
- SSL and IPsec enable data encryption for secure network communications
- Encrypted PDF with password protection for secure scanning\*<sup>2</sup>
- Stored data can be initialised before the MFP is taken out of service

### Enhanced Usability

- 7.0-inch, touch-screen colour LCD provides ease of use with functions such as thumbnails/previews\*<sup>1</sup> of Document Filing and of copy/send/save jobs\*<sup>1</sup>
- Includes stylus pen for easy operation
- Control panel can be remotely displayed and operated on a PC\*<sup>3</sup>
- Sharp OSA (Open Systems Architecture)\*<sup>4</sup> allows integration with network applications and makes them accessible from the LCD control panel
- Easy-grip handles allow for easy opening/closing of paper drawers

### Environmentally Advanced Design

- Certified for ENERGY STAR®
- Energy-saving design
- Auto power shut-off mode can be adjusted automatically by MFP according to usage pattern
- One of the smallest and lightest MFPs in its class\*<sup>5</sup>

### All-in-One Performance

- Full-colour network scanning with scan to e-mail/FTP server/desktop/network folder/USB memory, and support for JPEG, TIFF, XPS, PDF, and encrypted PDF formats
- Scan to Me function automatically sends scanned documents to the e-mail address of the authorised user currently logged in; prevents sending to the wrong address
- USB port allows easy scan to/print from\*<sup>1</sup> USB memory
- Sharpdesk for integrated, intuitive document management on a PC
- Optional Document Filing function to instantly reuse job data stored on the HDD\*<sup>1</sup>
- Optional Super G3 fax and Internet fax\*<sup>1</sup> that supports direct SMTP (in B/W)
- LDAP support for easy browsing of e-mail addresses and fax numbers

### Superb Image Quality

- Improved imaging system with new developer and toner faithfully reproduces fine lines and halftone colours
- Sharp Advanced Printing Language-c (SAPL-c) for high-quality output; optional PCL6 and PS3 emulation
- Auto Colour Mode provides automated operation and high-quality copies; text on halftone dot patterns comes out clearer than ever

\*<sup>1</sup> Requires optional MX-HD11

\*<sup>2</sup> Direct printing of PDF files requires optional MX-HD11

\*<sup>3</sup> Requires VNC application

\*<sup>4</sup> Requires optional MX-HD11 and MX-AMX2 and/or MX-AMX3

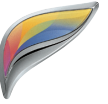
\*<sup>5</sup> as of May 2011

# Specifications

## MX-1810U

Digital Full Colour Multifunctional System

Preliminary Product Information



General		
<b>Engine speed (Max.)</b>	A4	A3
Colour ppm/cpm	18	10
B/W ppm/cpm	18	10
<b>Paper size</b>	Max. A3W, min. A5R	
<b>Paper weight</b>	Drawer: 60 g/m <sup>2</sup> - 209 g/m <sup>2</sup> Bypass: 55 g/m <sup>2</sup> - 256 g/m <sup>2</sup>	
<b>Paper capacity</b>	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)	
<b>Warm-up time*1</b>	45 sec. or less	
<b>Memory</b>	Standard: Copier/Printer (shared): 1 GB Option: Printer: 1.5 GB Option: 160 GB HDD*2	
<b>Power requirements</b>	Rated local AC voltage $\pm 10\%$ , 50/60 Hz	
<b>Power consumption (Max.)</b>	1.84 kW (220 - 240V)	
<b>Dimensions (W x D x H)*3</b>	583 x 623 x 717 mm	
<b>Weight*3</b>	Approx. 65 kg	

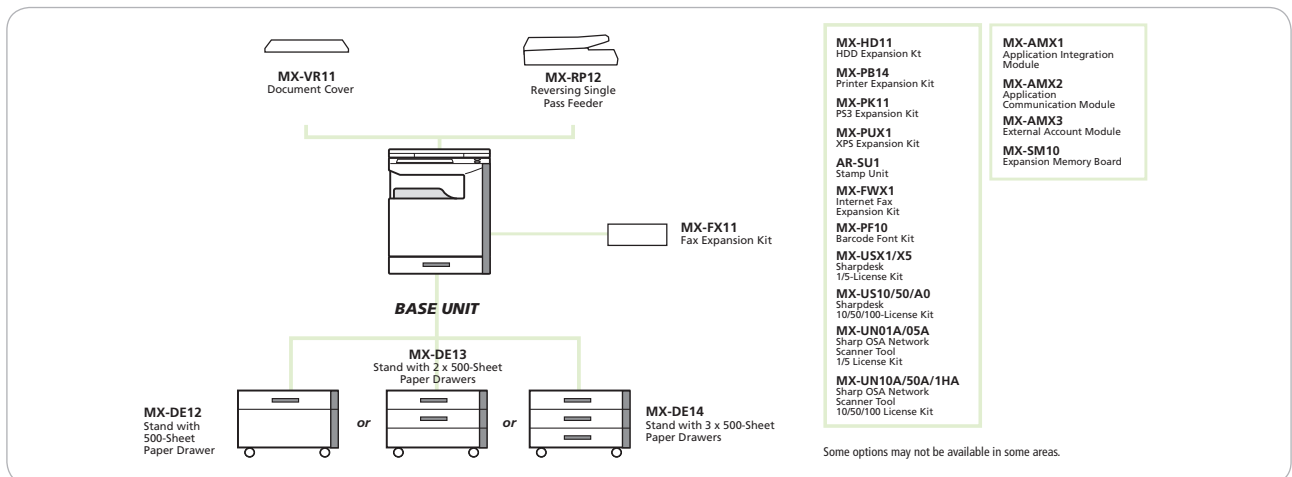
Copier	
<b>Original paper size</b>	Max. A3
<b>First copy time*4</b>	Full colour: 10.2 sec., B/W: 8.8 sec.
<b>Continuous copy</b>	Max. 999 copies
<b>Resolution</b>	Scan (colour): 600 x 600 dpi Scan (b/w): 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi Print: 600 x 600 dpi, 9600 equivalent*5 x 600 dpi (depending on print mode)
<b>Gradation</b>	Equivalent to 256 levels
<b>Zoom range</b>	25 - 400% (25 - 200% using RSPF) in 1% increments
<b>Preset copy ratios</b>	10 ratios (5R/5E)

Network Scanner	
<b>Scan method</b>	Push scan (via operation panel), pull scan (TWAIN-complaint application)
<b>Resolution</b>	Push scan: 100, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi, 50 - 9600 dpi*5, custom
<b>File formats</b>	TIFF, PDF, encrypted PDF, JPEG (colour only), XPS*6
<b>Scanner utilities</b>	Sharpdesk
<b>Scan destinations</b>	Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory

Document Filing (optional MX-HD11 required)	
<b>Document filing capacity</b>	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
<b>Stored jobs</b>	Copy, print, scan, fax transmission*8
<b>Storage folders</b>	Quick file folder, main folder, custom folder (max. 1,000 folders)
<b>Confidential storage</b>	Password protection

Network Printer	
<b>Resolution</b>	600 x 600 dpi, 9600 equivalent*5 x 600 dpi
<b>Interface</b>	USB 2.0 10Base-T/100Base
<b>Supported OS*9</b>	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
<b>Network protocols*9</b>	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), NetBEUI, EtherTalk (AppleTalk)
<b>Printing protocols</b>	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
<b>PDL emulation</b>	Standard: SAPL-c (Sharp Advanced Printing Language -c) Option*10: PCL6, PS3, XPS
<b>Available fonts</b>	80 fonts for PCL, 136 fonts for PS3 emulation*9
B/W Facsimile (optional MX-FX11 required)	
<b>Compression method</b>	MH/MR/MMR/JBIG
<b>Communication protocol</b>	Super G3/G3
<b>Transmission time</b>	Less than 3 sec.*11
<b>Modem speed</b>	33,600 bps - 2,400 bps with automatic fallback
<b>Transmission resolution</b>	Standard: 203.2 x 97.8 dpi Ultra Fine: 406.4 x 391 dpi
<b>Recording width</b>	A3 - A5
<b>Memory</b>	512MB, max. 1GB*12
<b>Grey scale levels</b>	Equivalent to 256 levels

- \*1: At rated voltage. May vary depending on machine conditions and operating environment.  
 \*2: Optional MX-HD11 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).  
 \*8: 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.  
 \*9: Optional MX-FX11 required.  
 \*10: Optional MX-PK11 required for Mac OS, EtherTalk and PS3.  
 \*11: PCL requires optional MX-HD11 and MX-PB14. PS requires optional MX-HD11, MX-PK11 and MX-PB14.  
 \*12: XPS requires optional MX-HD11, MX-PK11, MX-PB14 and MX-SM10 (1GB).  
 \*13: Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.  
 \*14: Optional MX-HD11 required.



# SHARP

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