



- ▶ PRINT, COPY, SCAN, FAX, FILE
- ▶ PAGES PER MINUTE: 45 B/W
- ▶ PAPER CAPACITY: STD 1100 MAX 5600 SHEETS
- ▶ HIGH-QUALITY 1200 X 1200 DPI PRINTING & COLOUR NETWORK SCANNING
- ▶ 8.5" TOUCH-SCREEN COLOUR LCD CONTROL PANEL WITH THUMBNAILED VIEWS AND OPTIONAL RETRACTABLE KEYBOARD FOR DATA ENTRY
- ▶ BUILT-IN 100-SHEET HIGH SPEED DUPLEX SINGLE PASS FEEDER (DSPF) ENABLING MAX SCAN SPEED OF 70 ORIGINALS PER MINUTE IN B/W AND COLOUR
- ▶ INDUSTRY-LEADING SECURITY SOLUTIONS FOR ULTIMATE DATA/DOCUMENT PROTECTION
- ▶ SHARP OSA (OPEN SYSTEMS ARCHITECTURE) ALLOWS INTEGRATION WITH NETWORK APPLICATIONS AND MAKES THEM ACCESSIBLE FROM THE LCD CONTROL PANEL

Equipped with many of the advanced performance features that have made Sharp's colour MFPs so successful, the new MX-M453N black & white MFP is perfect for all busy offices. Combining fast colour network scanning capabilities with powerful print, copy and fax features, the MX-M453N has all the functionality and speed you need to put it at the heart of your office operation. The retractable keyboard option makes data entry and emailing quick and simple. And there's a large touch screen colour LCD panel with graphical menu navigation that makes even the most advanced features instantly and intuitively accessible. IT Administrators will appreciate the Remote Access Interface which simplifies support by letting them view and operate the front panel display from across the network. Sharp's advanced device management makes it easy to control usage and costs. With the latest Sharp OSA development platform, integration with network applications has never been easier. And to safeguard the confidentiality of your intellectual property, Sharp's industry-leading security suite is second to none. And thanks to their modern design, these groundbreaking MFPs will fit right in with the most contemporary of offices.

## GENERAL

- ▶ Engine speed B/W ppm (A4): **45**
- ▶ Engine speed B/W ppm (A3): **20**
- ▶ Paper size: Min.-Max.: **A5R - A3W**
- ▶ Paper weight (g/m2): **56 - 209**
- ▶ Paper capacity:Std (sheets): **1100**
- ▶ Paper capacity: Max. (sheets): **5600**
- ▶ Warm Up Time (sec.): **20**
- ▶ Memory general min/max (MB): **640 - 640**
- ▶ Memory printer min/max (MB): **1024 - 2048**
- ▶ Harddisk: **STD**
- ▶ Harddisk capacity (GB): **80**
- ▶ Duplex: **STD**
- ▶ Power requirements - rated local AC voltage (Hz): **220 - 240V, 50/60Hz**
- ▶ Power consumption (kW): **1,84**
- ▶ Dimensions (mm): **645 x 695 x 953**
- ▶ Weight (Kg): **95**

## DOCUMENT FEEDER

- ▶ Original capacity (sheets): **100**

## DOCUMENT FILING

- ▶ Document filing (Standard / Option): **STD**
- ▶ Document filing capacity- main and custom folders (pages): **20.000**
- ▶ Document filing capacity - quick file folder (pages): **10.000**
- ▶ Stored jobs: **Copy, print, direct print, scan, fax transmission**
- ▶ Storage folders: **Quick file folder, main folder, custom folder (max. 1000)**
- ▶ Confidential storage: ✓

## FAX

- ▶ Fax (Standard / Option): **OPT**
- ▶ Compression method: **MH/MR/MMR/JBIG**
- ▶ Communication protocol: **Super G3**
- ▶ Transmission time (sec): **3**
- ▶ Modem Speed (bps): **33.600 - 2.400**
- ▶ Transmission resolution: **STD 203,2 x 97,8 dpi/Extra Fine 406,4 x 391 dpi**
- ▶ Document Size (Min): **A5**
- ▶ Document Size (Max): **A3**
- ▶ Memory (MB): **8**
- ▶ Grey Scale levels: **256**
- ▶ Dial Registration; rapid/speed dial: **1000**
- ▶ Broadcast Transmission (max. destinations): **500**

## COPIER

- ▶ Original paper size (Max.): **A3**
- ▶ First copy out time B/W (sec.): **3,9**
- ▶ E-sort Std: ✓
- ▶ Continuous copy (Max. copies): **999**
- ▶ Resolution Scan B/W (dpi): **600 x 600**
- ▶ Resolution Scan Colour (dpi): **600 x 600**
- ▶ Resolution Print (dpi): **1200 x 1200**
- ▶ Gradation (equivalent levels) - B/W: **2**
- ▶ Gradation (equivalent levels) - Colour: **256**
- ▶ Zoom range (%): **25 - 400**
- ▶ Preset copy ratios: **10**

## SCANNER

- ▶ Network Scanner (Standard / Option): **STD**
- ▶ Scan method Push scan and Pull scan: ✓
- ▶ Resolution push scan (dpi): **100,200, 300,400, 600**
- ▶ Resolution pull scan (dpi): **75,100, 150,200, 300,400, 600,50 to 9600, custom**
- ▶ File formats: **XPS, TIFF, PDF, encrypted PDF, high-compression PDF, JPEG (colour only)**
- ▶ Scanner utilities: **Network Scan Tool, Sharpdesk, Sharp TWAIN**
- ▶ Scan destinations Desktop: ✓
- ▶ Scan destination FTP, Email: ✓
- ▶ Scan destination Network folder: ✓
- ▶ Scan destination USB memory: ✓

## PRINTER

- ▶ Resolution (dpi): **1200 x 1200**
- ▶ Enhanced resolution (dpi): **1200 x 1200**
- ▶ Network Printer (Standard / Option): **STD**
- ▶ Interface Std/Opt: **STD USB 2.0,10Base-T/100Base-TX/1000Base-T**
- ▶ Supported OS Standard:  
**Windows 98/ME/NT4.0 SP5 or later/2000/Server 2003/Server 2008/XP/Vista/7**
- ▶ Supported OS Options:  
**Mac OS 9.0-9.2.2/Mac OS X 10.2.8/10.3.9/10.4.11/10.5-10.5.8/10.6-10.6.2**
- ▶ Network protocols:  
**TCP/IP (IPv4 and 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 Std/Opt: **STD PCL 5e/6, OPT PS3 emulation, XPS**
- ▶ Available fonts: **80 (PCL), 136 (PS3)**

## FINISHING

- ▶ Output Capacity Max.: **500 - 4000**
- ▶ Staple Capacity (sheets) Max.: **50**
- ▶ Saddle Stitch: **OPT**
- ▶ Off-set shifting: **STD**
- ▶ Hole punch: **OPT**

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