

# SHARP®

ESSENTIALS SERIES DESKTOP MONOCHROME DOCUMENT SYSTEMS



**MX-B350W MX-B450W**

The MX-B350W and MX-B450W multifunction desktop monochrome document systems offer a compact design with easy to use features that will exceed your expectations.

## SIMPLIFIED WORKFLOW WITH WIRELESS CONNECTIVITY

essentials

The MX-B350W and MX-B450W Essentials Series desktop monochrome document systems offer a compact footprint and wireless networking capability, ensuring they are suitable for virtually any size office. These models also deliver output speeds up to 35 ppm and 45 ppm respectively, and include out-of-the-box copying, wireless and network printing, network scanning and faxing capabilities. Both models deliver a low cost per copy, making them a great choice for cost-conscious businesses.

### Key Features

- **Productivity** – Delivers essential features for business environments, including network printing, network scanning, faxing, USB direct printing, and mobile device printing using Sharpdesk® Mobile.
- **Versatile** – A compact design combined with wireless networking capability makes it easy to place the MX-B350W and MX-B450W in both large and small offices.
- **Economical** – Exceptionally low cost per copy/print along with minimal energy consumption ensure an economical cost of ownership.

The MX-B350W and MX-B450W Essentials Series desktop monochrome document systems offer a simplified interface with tactile operation, which allow users to quickly access the feature-rich functionality. Designed with the user in mind the MX-B350W and MX-B450W will provide your business with the features and reliability needed in today's busy workplace environments.



# DESIGNED TO DELIVER HIGH PRODUCTIVITY



## Additional features to help your business gain the competitive advantage.

- **Standard** copy, print, scan and fax functionality out of the box
- **Compact design** easily fits into small office spaces in desktop or console configuration
- 50-sheet reversing single pass feeder **scans at speeds up to 40 images per minute**
- Offers up to three paper sources with an available **1,150-sheet maximum paper capacity**
- **50-sheet bypass tray** for envelopes, labels and specialty media
- Productive **printing and copying: up to 35 ppm (MX-B350W) and 45 ppm (MX-B450W)**
- Standard **PostScript® 3™** and **PCL® 6** printing capabilities

## OUT-OF-THE-BOX PRODUCTIVITY

## VERSATILE DESIGN

## ECONOMICAL OPERATION



Easy-to-use 5-line LCD operation panel

- Front **USB port** for **easy direct printing** of PDF files from memory devices
- **600 x 600 dpi** printing delivers clear, crisp images and text page after page
- Sharpdesk Mobile app enables **printing from or scanning to** mobile devices such as smart phones and tablets
- **ID Card Copy** function quickly copies both sides of an ID card on to a single page
- **Standard wireless** networking capabilities for easy placement and setup
- Supports popular mobile technologies such as **Airprint®** and **Google Cloud Print™**



Front USB port for easy direct printing of files from memory devices, including PDFs.

# MX-B350W/MX-B450W SPECIFICATIONS

## Main Specifications

<b>MX-B350W/B450W</b>	Base models include multitasking controller, 50-sheet RSPF, auto duplexing, 1 x 500-sheet paper drawer, 50-sheet bypass tray. Starter toner and full developer is included.	
Type	Desktop monochrome multi-function document system	
Display	5-line LCD Panel	
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drum/roller fusing/white LED exposure	
Originals	Sheets and bound documents	
Max. Original Size	8½" x 14"	
Output Size	Min 5½" x 14", Max 8½" x 14"	
Multiple Copy	Max. 999 pages	
Copy Speed	35/45 ppm	
First Copy Time (in seconds)*	<b>MX-B350W</b>	<b>MX-B450W</b>
	Platen Glass	9.0
	Doc. Feeder	9.5
Warm Up Time	29 seconds	
Magnification	25% to 400% on platen (with document feeder 25%-200%)	
Original Feeder	50-sheet RSPF	
Scan Speed	Copy: Up to 40 ipm (B&W) Scan: Up to 40 ipm (B&W), 13 ipm (color)	
Paper Capacity	Standard: 550 Sheets/Maximum: 1,150 Sheets	
Paper Feed System	Standard: (1) 500-sheet paper drawer (letter/statement size) System and 50-sheet bypass tray (letter/legal/statement/envelope size). Optional: 600-sheet drawer (letter/legal).	
Paper Weights and Types	Paper drawers: 16-28 lb. bond. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-80 lb. cover (heavy paper), 20-24 lb. bond Monarch/Com-10 envelope. Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.	
Duplexing	Standard automatic duplex copying and printing	
CPU	Up to 800 Mhz multi-processor design	
Interface	RJ-45 Ethernet (10Base-T, 100Base-TX, 1000Base-T), Wireless (IEEE802.11 n/g/b), USB 2.0 (1 host ports, front), USB 2.0 (1 device port, rear)	
Memory	Standard 1 GB copy/print shared	
Copy Resolution	Up to 600 x 600 dpi	
Exposure Control	Modes: Text, Text/Print Photo, Photo. Settings: Auto or 5 step manual Halftone 256 gradations / 2 level monochrome	
Copy Features	Scan-Once Print-Many, electronic sorting, Auto Tray Switching (ATS), centering, ID Card Copy, Sharpness, 2-in-1 / 4-in-1 multi shot	
Account Control	Up to 30 users. Supports user-number authentication	
Firmware Management	Firmware can be updated by USB memory	
Device Setup	Web-based management/cloning with user/admin level login	
Service/Functions	Remote access to service logs and click counts	
Accessibility Features	Section 508, concave key, operation position, BEEP sound on standard values, adjustment of key touch speed, adjustment of key touch sound, key repeat disable, screen timeout disable, adjustment of key touch sound, job program, universal handle accessibility support of status LED	
Environmental Standards	European RoHS	
Power	AC 120 VAC, 60 HZ, 15 A receptacle	
Power Consumption	1.44KW	
Weight	Approx. 64 lbs.	
Dimensions	Approx. 19 3/8" (w) x 20 3/8" (d) x 22 1/16" (h)	
<b>Network Printing System</b>		
PDL	Standard PCL 6, PostScript 3 compatible	
Resolution	600 x 600 dpi	
Print Speed	35/45 ppm (8½" x 11")	
Print Drivers	Windows Server® 2008, Windows Server® 2008 x64, Windows Server 2012 x64, Windows 7, Windows 7 x64, Windows 8.1, Windows 8.1 x64, Windows 10, Windows 10 x64, Windows Server 2016 x64, Mac OS X® (including 10.6 to 10.14)	
Features	Windows cluster print, ROPM, duplex printing, driver delivery functions, toner save mode, electronic sorting, N-up printing, image rotation, watermarks, job retention	

## Main Specifications (continued)

Direct Printing	TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF (without password only), PostScript	
File Types		
Direct Print Methods	FTP, USB memory, webpage, email and network folder	
Resident Fonts	80 outline fonts (PCL), 136 fonts (PS)	
Network Interface	RJ-45 Ethernet, 10 Base-T/100 Base-TX /1000 Base-T, USB 2.0, wireless	
Operating Systems	Windows Server 2008, 2012 & 2016, Windows Systems 7, Windows 8, Windows 10, Mac OS (X10.6 – 10.14)	
Network Protocols	TCP/IP (IPv4, IPv6), USB 2.0	
Printing Protocols	LPR, IPP, Raw TCP (port 9100) and FTP	
Network Security	IP/MAC address filtering, protocol filtering, port management and user authentication	
Mobile Device Access	Supports Sharpdesk Mobile software, a free downloadable app for mobile products such as iPad®, iPhone®, Android™, Windows® 10, 8.1 or Windows RT 8.1 devices. For supported versions, please visit <a href="http://www.sharpsusa.com">www.sharpsusa.com</a>	
<b>Network Scanning System</b>		
Scan Modes	Standard: color, monochrome, grayscale	
Max. Original Size	8½" x 14"	
Optical Resolution	600 dpi	
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi	
Image Formats	Monochrome: TIFF, PDF Color Grayscale/Color: TIFF, JPEG, PDF	
Image Compression	Monochrome Scanning Uncompressed, G3 (MH), G4, (MR/MMR) Color/Grayscale JPEG (high, middle, low)	
Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Super G3 fax	
One-touch Destinations	Up to 100 (email address only)	
Group Destinations	Up to 300 (email address only)	
Programs	2	
Network Protocols	SMTP/FTP (TCP/IP)	
Network Security	User authentication with LDAP and Active Directory	
<b>Super G3 Fax</b>		
Transmission Mode	Super G3, G3	
Modem Speed	33.6 KBPS	
Compression Methods	MMR, MR, MH, JBIG	
Scanning Method	Sheet fed simplex or duplex or book	
Max. Resolution	Approx. 206 x 391 dpi	
Transmit Speed*	Less than 3 seconds	
Auto Dialing	Up to 300	
Group Dial	Up to 100	
Inbound Fax Routing	SMB	
Memory	64MB (built-in)	
Halftone	256 levels	
<b>Optional Equipment</b>		
MX-DS22N	High Stand	
MX-DS23N	Low Stand	
MX-CS14N	600-sheet Paper Feed Unit	
<b>Supplies</b>		
MX-B45NT	Toner Cartridge	
MX-B45NV	Developer	
MX-B45DU	Drum Unit	

\* May vary depending on product configuration, machine settings and operating and/or environmental conditions.



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