

ESSENTIALS SERIES DESKTOP MONOCHROME PRINTER

Desktop Printers That Will Exceed Your Expectations

The MX-B350P and MX-B450P Essentials Series desktop printers deliver output speeds up to 35ppm and 45ppm respectively, and are designed to produce consistent high quality output page after page. These models also offer a compact footprint and wireless networking capability, making them suitable for virtually any size office environment. Both models deliver a low cost per page, making them a great choice for cost-conscious businesses.

Key Features

- **Productive** – Delivers essential printing features for business environments, including PCL® 6 and PostScript® 3™ printing capability, 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-B350P and MX-B450P in both large and small offices.
- **Economical** – The MX-B350P and MX-B450P comply with the latest ENERGY STAR® standards, making them economical to use.



Compact Design easily fits into small office spaces



Easy-to-use 5-line LCD operation panel



Front USB port for easy direct printing of PDF files from memory devices

Additional features to help your business gain the competitive advantage

- Productive printing speeds of up to 35/45 pages per minutes.
- Compact Design easily fits into small office spaces in desktop or console configurations.
- Includes standard PCL 6 and PostScript 3 printing capability.
- Front USB port for easy direct printing of PDF files from memory devices.
- Easy-to-use 5-line LCD operation panel.
- Sharpdesk Mobile app enables printing from mobile devices, such as smart phones and tablets.
- Offers up to three paper sources with available 1,150-sheet maximum paper capacity.
- Standard wireless networking capability for easy setup.
- Sharp's micro-fine toner technology helps ensure solid image density and balance.
- Standard wireless networking capability for easy setup.
- 600x600 dpi printing delivers clear crisp images and text page after page.
- 50-Sheet bypass tray for envelopes, labels and specialty media.

MX-B350P/B450P SPECIFICATIONS

Main Specifications

MX-B350P/B450P	Base models include multitasking controller, auto duplexing, 1 x 500-sheet paper drawer, 50-sheet bypass tray. Starter toner and black developer included.	
Type	Desktop monochrome printer	
Display	5-line LCD Panel	
Print System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drum/roller fusing/white LSU exposure	
Output Size	Min. 5½" x 8½", Max 8½" x 14"	
Print Speed	35/45 ppm	
First Print Time (in seconds)*	MX-B350P	MX-B450P
	5.5	5.0
Warm Up Time	29 seconds	
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 lb. bond to 28 lb. bond. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 13-16 lb. bond (thin paper), 28 lb. bond (thin paper), 28 lb. bond-80 lb. cover (heavy paper), 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 printing	
CPU	Quatro 5510 (800 MHz)	
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)	
Printer Memory	Standard 1 GB	
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	International ENERGY STAR® Program Ver. 2.0, Blue Angel (MX-B450P only), European RoHS, EPEAT Silver	
Power	AC 120 VAC, 60 HZ, 15 A Receptacle	

Main Specifications (continued)

Power Consumption	1.44kW
Weight	Approx. 50.7 lbs.
Dimensions	Approx. 19 1/4" (w) x 20 3/8" (d) x 17 5/16" (h)
PDL	Standard PCL 6, PostScript 3 compatible
Resolution	600 x 600 dpi
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 10.13)
Features	Windows cluster print, ROPM, duplex printing, driver delivery functions, toner save mode, electronic sorting, N-up printing, image rotation, job retention
Direct Printing File Types	TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF (without password only), PostScript
Direct Print Methods	FTP, USB memory, Web page, Email and Network Folder
Resident Fonts	80 outline fonts (PCL), 136 fonts (PS)
Network Interface	RJ-45 Ethernet, 10/100 Base-TX, USB 2.0, wireless 10Base-T, 100Base-T, 1000Base-T
Operating Systems	Windows Server 2008 & 2016, Windows Systems 7, Windows 8, Mac OS X10.6 – 10.13)
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 www.sharppusa.com

Optional Equipment

MX-DS22	High Stand
MX-DS23	Low Stand
MX-CS14	600-sheet Paper Feed Unit (max. 1)
Supplies	
MX-B45NT	Toner Cartridge
MX-B45NV	Developer
MX-B45DU	Drum

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



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharppusa.com

Design and specifications subject to change without notice. Sharp, Sharpdesk, My Sharp and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Windows, Windows Server, Excel are registered trademarks of Microsoft Corporation. Adobe and PostScript are registered trademarks of Adobe Systems Inc. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

