

# ADVANCED SERIES DESKTOP MONOCHROME DOCUMENT SYSTEMS



The Sharp Advanced Series desktop monochrome document systems deliver leading-edge integration and powerful productivity, all in a small, compact design.

## A HIGHER BENCHMARK OF INNOVATION

The MX-B355W and MX-B455W Advanced Series desktop monochrome document systems deliver crisp, high-quality output with exceptional ease of use. These new models provide customers with an intuitive user experience and the confidence of knowing their jobs will come out right the first time, every time. Designed with high-performance features typically found on larger machines, the compact MX-B355W and MX-B455W deliver the productivity you need with the performance and reliability you want.

# **Key Features**

- Ease of Use Sharp's customizable touchscreen display offers a user-friendly graphical interface with a clean design, simplified Easy Modes, and integrated operation guide.
- Integration Equipped with the latest version of Sharp OSA® technology for easy integration with network applications and cloud services, these models can unlock advanced capabilities to help you better manage your workflow.
- Productivity Offers out-of-the-box copy, print, scan and fax capabilities, plus standard
   Cloud Connect features combined with wireless networking enable users to easily manage
   their workflow from PCs, smart phones and tablets.

The compact MX-B355W and MX-B455W Advanced Series desktop monochrome document systems offer powerful productivity features enabling users to quickly execute workflow tasks in today's busy office environments. And with Sharp's multi-layered Security Suite, these new models can help protect your data and personal information from the first day of operation to the time of trade-in.

## DESIGNED TO DELIVER HIGH PRODUCTIVITY



#### **EASY-TO-USE**

# ADVANCED INTEGRATION AND WIRELESS CAPABILITY

#### **ENHANCED PRODUCTIVITY**

# A compact design with advanced workflow features to enhance document workflow in virtually any size office.

- Standard Copy, Print, Scan and Fax capability right out of the box.
- 100-sheet duplexing document feeder on the MX-B455W scans both sides of document in a single pass, enhancing productivity while also maintaining the integrity of your originals and minimizing wear on the feeder.
- Both models can feed letter size, legal size, statement size and business card size
  original documents.
- Built-in **Optical Character Recognition** (OCR) function can convert scanned documents to text-searchable PDF format, Microsoft® Office file formats, and more.
- Offers up to five paper sources with available 2,350-sheet maximum paper capacity.
- Standard Compact PDF feature dramatically reduces the file size of most color scanned documents, resulting in decreased network traffic and more efficient use of disk and cloud storage.



7" color touchscreen (diagonally measured).

- Customizable touchscreen display with a clean design enables easy access to features and functions when setting up jobs.
- Network ready PCL® 6 and Adobe® Postscript® 3<sup>TM</sup> printing systems deliver crisp, clear documents at up to 45 pages per minute.
- Direct print Microsoft Word, PowerPoint<sup>®</sup> and Excel<sup>®</sup> files from thumb drives, cloud applications, network folders and more. This function is enabled via DirectOffice<sup>™</sup> technology.
- Easily access popular cloud applications, including Microsoft OneDrive<sup>®</sup> for Business, SharePoint<sup>®</sup> Online, and Google Drive<sup>™</sup> with Sharp's Cloud Connect features.
- Supports popular networking technologies, enabling users to easily print files from a smart phone, a tablet, and even a Chromebook<sup>™</sup>.
- **Standard security platform** includes 256-bit encryption, up to 10-times data overwrite and an End-of-Lease feature that erases all data and personal information at trade-in.



## ADVANCED FUNCTIONALITY - COMPACT DESIGN



Easy Copy Screen offers the most commonly used settings.



Standard Copy Screen offers more advanced features.



Built-in wireless network interface for convenient scanning and printing from mobile devices.

From paper handling to networking, the MX-B355W and MX-B455W Advanced Series desktop monochrome document systems will exceed your expectations.

#### Simple and Intuitive Operation

From basic copy functions, to complex scan jobs, the MX-B355W and MX-B455W Advanced Series desktop monochrome document systems will perform with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. For more advanced features, just touch the "Details" button—it's that easy.

#### A "Well-connected" Device

Connecting a multifunction printer (MFP) to your wireless network and accessing it from mobile devices has never been so easy with the MX-B355W/B455W standard wireless networking features. Print from or scan to popular cloud services such as Microsoft OneDrive for Business, SharePoint Online, and Google Drive with Sharp's Cloud Connect features. Single Sign-on (SSO) support for accessing these services makes scan-to-folder and scan-to-email operations simpler than ever. Even printing from your desktop is made easier with Sharp's Serverless Print Release function. Easily send a job to one device, and print it on another where it's more convenient.

#### The Productivity You Need, the Performance You Want

When it's time to get the job done, the MX-B355W/B455W are outstanding performers. Quickly scan documents at speeds up to **110 images per minute** (MX-B455W). Built-in optical character recognition (OCR) can convert your scanned documents into **text-searchable PDFs** or **Microsoft Office** file formats, simplifying your workflow. An available compact inner finisher with three position stapling can give your documents a professional look.





The MX-B355W/B455W Advanced Series desktop monochrome document systems deliver the high-performance functionality you need in a space-saving, compact design that you want.

# workflow centric

#### **Duplexing Single Pass Feeder (DSPF)** on MX-B455W

100-sheet dual head document feeder scans both sides of document in a single pass at up to 110 images per minute.

#### **Advanced Network Scanning**

Sharp's ImageSEND™ feature provides one-touch distribution to email, fax, network folders, cloud applications and more.

#### **Optical Character Recognition (OCR)**

Built-in OCR function can convert scanned documents to text-searchable PDF format, Microsoft Office file formats, and more.

#### **Compact PDF**

Standard Compact PDF feature dramatically reduces the file size of most color scanned documents, resulting in decreased network traffic and more efficient use of

#### **Reversing Single Pass Feeder (RSPF)** on MX-B355W

50-sheet Reversing Single Pass Feeder scans documents at up to 40 images per minute.

#### **Flexible Document Handling**

Both models can feed letter size, legal size, statement size and business card size original documents.

#### **Inner Finisher Option**

Available compact inner finisher offers three position stapling and can hold up to 280 sheets of paper.

# **Print from Mobile Devices**

Supports popular networking technologies, enabling users to easily print files from smart phones, tablets, and even Chromebooks.

#### **Serverless Print Release**

Standard Serverless Print Release feature enables users to securely print a job, and then release it from up to six Sharp document systems (including host) that are on the same network.1

#### Flexible Paper Handling

Paper drawers feed up to 81/2" x 14" paper and support media up to 220 gsm (80 lb. Cover). Supports up to 2,350 sheets in paper drawers and bypass tray with options.

#### **Enhanced Security Features** 256-bit data encryption with up to 10-times data overwrite,

as well as Sharp's convenient End-of-Lease feature.

disk and cloud storage.

#### Easy-to-Use Smart Touchscreen

Tablet-style menu provides quick access to features and functions.

#### **High Quality Printing**

True 600 x 600 dpi resolution produces razor-sharp documents. Adobe PostScript 3 drivers offer extensive job control.

#### 50-Sheet Manual Bypass Tray

Convenient manual bypass tray feeds envelopes, OHP film, glossy paper and labels, as well as paper up to 80 lb. Cover stock.

#### **Enhanced Direct Printing**

Direct print Microsoft Word. PowerPoint and Excel files from thumb drives, cloud applications, network folders and more. This is enabled via DirectOffice™ technology.

#### Wired and Wireless Networking

Standard Gigabit Ethernet and Wi-Fi® network capabilities offer greater flexibility.2

<sup>&</sup>lt;sup>1</sup> Supports most Sharp document systems. For a list of supported models contact your authorized Sharp dealer.

<sup>&</sup>lt;sup>2</sup> In Infrastructure Mode, the wireless interface is used in place of a wired connection. In Point-to-Point mode, the wireless interface can be used to connect directly to the MFP from another wireless device, such as a smartphone or tablet.



# ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Scan and convert documents to popular file formats seamlessly with Sharp's built-in OCR function.



Distribute, access and print documents more easily.



With Serverless Print Release you can securely print a job and release it from up to six Sharp MFPs (including host).

# Powerful document workflow solutions help you work more efficiently.

#### Simplify Managing Different File Types with Intelligent Image Processing

Easily scan and **convert documents** to popular file formats including **Microsoft Word, PowerPoint**, and **Excel**, as well as a variety of **PDF formats** such as Searchable PDF, Encrypted PDF, Compact PDF and others. You can also direct print these same file types from thumb drives, cloud applications, and mobile devices. This function is enabled via **DirectOffice** technology. With this much flexibility, you can speed through your workflow tasks faster than ever!

#### Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to send documents to the destinations you need and goes beyond traditional network scanning with standard **Cloud Connect** features. Easily **scan documents** to **Microsoft OneDrive for Business, SharePoint Online**, and **Google Drive** without additional middleware. You can also print from these cloud applications. With **Single Sign-On** capability, accessing them is virtually seamless!

#### Scan and Print Files Easily from Mobile Devices

The MX-B355W/B455W Advanced Series desktop monochrome document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk® Mobile**, a free downloadable app available for most common mobile devices. The MX-B355W/B455W also support popular mobile technologies such as **AirPrint®**, **Android™ printing framework** and **Google Cloud Print™**. You can print locally from your device or download files from supported cloud applications. Since the Advanced Series can connect to mobile devices through a **point-to-point wireless connection**, it remains exclusive from your corporate network!

#### Flexible Printing Solutions Help Speed Up Your Office Productivity

The MX-B355W/B455W come standard with **Adobe PostScript 3** and **PCL 6** printing systems to help you speed through all of your output needs with accuracy. To help streamline your jobs, these powerful performers include **Serverless Print Release technology**, enabling you to securely print a job and release it from up to six Sharp MFP models on your network.<sup>2</sup> And with Google Cloud Print web printing service, you can print from Chromebook<sup>TM</sup> notebook computers, PCs and more from virtually anywhere.

#### Simplify Complex Business Workflows

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services. Easily automate complex processes and help eliminate redundant tasks. Create your own custom integrations or take advantage of the growing portfolio of Sharp OSA applications available from Sharp Partner Program members.

<sup>&</sup>lt;sup>1</sup> Go to www.sharpusa.com for a list of supported devices and operating systems.

<sup>&</sup>lt;sup>2</sup> Some features require optional equipment and/or software/services.

## TAKING CARE OF BUSINESS SAFELY AND SECURELY

# Manage your device, help safeguard your data, help protect your business.

Businesses require that the devices on their networks are properly managed and closely monitored to ensure their data remains uncompromised. To help achieve this, the MX-B355W and MX-B455W offer powerful device management utilities, web-based customer training, and advanced, multi-layered security features.

With the **Sharp Remote Device Manager (SRDM)\***, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Its event-driven service alerts help you monitor the device and maximize uptime. The **Remote Front Panel** feature allows administrators to view and control the machine's LCD panel from a PC to troubleshoot issues and train operators remotely. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access, and track usage** of each device on the network.\* And with **My Sharp<sup>TM</sup>**, you get a dedicated training website customized to your model and configuration to help you understand and utilize all of the advanced features of your **SHARP**.



To help protect employees' privacy and intellectual property, the MX-B355W/B455W Advanced Series desktop monochrome document systems are armed with a variety of security measures, including features such as data encryption, data overwrite protection, and data erase. Multiple security protocols help restrict access to the device while in operation, and a convenient End-of-Lease feature overwrites all data at time of trade-in. Authority Groups help manage and restrict specific copying, printing, scanning, and fax features to safeguard data and control costs. The Admin Audit Log feature allows IT administrators to track activity on the device. Confidential Printing and Secure Fax Release help ensure that sensitive documents are kept safe by requiring users to enter a PIN code in order to print them.

These scalable security offerings aim to **protect your intellectual property**, preserve confidential information and help your business meet regulatory requirements including the Health Insurance Portability and Accountability Act (HIPAA) and the Family Educational Rights and Privacy Act (FERPA). For additional information visit: <a href="https://www.sharpusa.com/security">www.sharpusa.com/security</a>.

\*Some features require optional equipment and/or software.



# **ENVIRONMENTAL COMMITMENT**









#### An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The MX-B355W and MX-B455W adhere to Sharp's Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair, and easy to take apart for recycling.

The MX-B355W and MX-B455W document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values.

Sharp MFPs are EPEAT® registered.



#### Toner Recycling Program

As part of our commitment to helping preserve the environment, Sharp offers our customers zero-waste-to-landfill recycling for Sharp consumables, including cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing a pre-paid recycling kit for their return to our facility.

#### **Environmental Leadership**

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharpusa.com/environment.

# MX-B355W/B455W SPECIFICATIONS

MX-B355W/B455W	Base models include multitasking controller, 50-sheet
	RSPF (MX-B355W)/100-sheet DSPF (MX-B455W), PCL 6 and
	Adobe PostScript® 3™ printing systems, network scanning,
	auto duplexing, 1 x 500-sheet paper drawer, 50-sheet bypass
	tray. Black developer is included.
Туре	Desktop monochrome multi-function document system
Display	7" (diagonally measured) color dot matrix high-resolution
	touch panel tilting display. 1024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic
	brush development/OPC drums/roller fusing/white LED exposur
Originals	Sheets and bound documents
Max. Original Size	8½" x 14"
Output Size	Min. 5½" x 8½", Max. 8½" x 14"
Copy Speed	35/45 ppm
Multiple Copy	Max. 9,999 copies
First Copy Time	MX-B355W MX-B455W
(in seconds) <sup>2</sup>	Platen Glass 5.3 3.7
	Doc. Feeder 7.3 5.5
Warm Up Time	30 seconds (from main switch on), 20 seconds (from power button on)
Magnification	25% to 400% in 1% increments (with document feeder
	25% -200%)
Original Feed	50-sheet RSPF (MX-B355W), 100-sheet DSPF (MX-B455W)
Scan Speed	MX-B355W: up to 40 ipm
	MX-B455W: up to 110 ipm
Original Sizes	5% " x $8%$ ", $8%$ " x 11", $8%$ " x 14", 2" x $3%$ " business card
Paper Capacity	Standard: 550 Sheets/Maximum: 2,350 Sheets
Paper Feed	Standard: (1) 500-sheet paper drawer (letter/statement size)
System	and 50-sheet bypass tray (letter/legal/statement/envelope
	size). Optional: up to 3 additional 600-sheet paper drawers
	(letter/legal/statement).
Paper Weights	Paper drawers: 16 lb. bond to 28 lb. bond. Other paper
and Types	types include plain, pre-printed, recycled, pre-punched,
	letterhead and color paper.
	Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thi
	paper), 28 lb. bond-80 lb. cover (heavy paper), 20-24 lb. bon
	(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 1.4 GHz multi-processor design
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0: 2 host ports
	(front and rear), 1 device port (rear), Wireless 802.11 b/g/n
Memory	Standard 5 GB copy/print (shared)
Hard Disk Drive	500 GB
Copy Resolution	Up to 600 x 600 dpi
Exposure Control	Modes: Automatic, Text, Text/Photo, Text/Printed-Photo,
	Printed-Photo, Photo, Map, Pale-Color Document.
	Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, Auto Paper Selection
	(APS), Auto Magnification Selection (AMS), Auto Tray Switching
	(ATS), black-white reversal, blank page skip, card shot, center
	erase, centering, cover pages, edge erase, image edit, image
	preview, insert pages, job build, job programs, margin shift,
	mirror image, mixed size original, original count, pamphlet
	style, proof copy, repeat layout, stamp, stamp custom image,
	suppress background, toner save mode, transparency inserts,
	watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user authentication via
	user-number, local login name/password, LDAP or Active
, toodanii donii di	
riccount control	Directory® for all modes
	Directory® for all modes  Center Exit Tray (Main): 280 sheets (face down)
Output Tray	
Output Tray Capacity	Center Exit Tray (Main): 280 sheets (face down) Inner Finisher: 280 sheets (face down)
Output Tray Capacity Cloud Supported	Center Exit Tray (Main): 280 sheets (face down) Inner Finisher: 280 sheets (face down) Google Cloud Print, Google Drive, Gmail, OneDrive for Busines
Output Tray Capacity Cloud Supported Services	Center Exit Tray (Main): 280 sheets (face down) Inner Finisher: 280 sheets (face down) Google Cloud Print, Google Drive, Gmail, OneDrive for Busines SharePoint Online, Exchange Online
Output Tray Capacity	Center Exit Tray (Main): 280 sheets (face down) Inner Finisher: 280 sheets (face down) Google Cloud Print, Google Drive, Gmail, OneDrive for Busines SharePoint Online, Exchange Online

Motwork and	\$ (continued)
Network and	Includes IP/MAC address filtering, protocol filtering, port
Data Security	control, TLS Encryption, Kerberos, Active Directory integration, AES 256 bit data encryption, data overwrite (up to 10 times),
	US Department of Defense data wipe standard DoD 5220.22-N
	and End-of-Lease feature
Firmware	Flash ROM with local (USB), network update capability
Management	and firmware update 1 to N with SRDM (Sharp Remote
•	Device Manager)
Device Setup	Web-based management/cloning with user/administrator
	level login
Service/Functions	Remote Front Panel, remote access to service logs and
	click counts
Accessibility	Free stop tilting front panel, adjustment of key touch sound
Features	and speed, concave key, document feeder free stop, job
	programs, remote front panel, universal grip for paper trays, and disable screen timeout
Environmental	International ENERGY STAR Program Ver. 2.0, European RoHS,
Standards	Blue Angel (RAL-UZ205)
Power	AC 110-127 VAC, 60 HZ, 15 A Receptacle
Power Consumption	
Weight	Approx. 69 lbs.
Dimensions	Approx. 19-3/8" (w) x 20-3/8" (d) 25-1/8" (h)
Network Printing S	
PDL	Standard PCL compatible 6, Adobe PostScript 3
Resolution	600 x 600 dpi
Print Speed	35/45 ppm (8½" x 11")
Print Drivers	Windows 7, Windows 8.1, Windows 10, Windows Server 2008,
	Windows Server 2008 R2, Windows Server 2012, Windows
	Server 2016, Windows PPD, MAC OSX® (including 10.6 to
Mobile Printing	10.12), all MAC PPD, Linux® PPD AirPrint, Android printing framework (Sharp Print Service
WODING FIRMING	Plugin), Sharpdesk Mobile <sup>3</sup>
Print Features	Auto configuration, serverless print release, bar code font
· · · · · · · · · · · · · · · · · · ·	printing, carbon copy print, chapter inserts, confidential
	print, custom image registration, different cover page/last
	page/other page, document control, document filing, duplex
	printing, electronic sorting, form overlay, hidden pattern
	print, image rotation, image stamp, image type, job retention,
	layout print, margin shift, network tandem print, N-up
	printing, page interleave, pamphlet style, proof print, print
	and send, stapling, toner save mode, transparency inserts,
	tray status, user authentication, watermarks, zoom print. <sup>1</sup>
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF,
	Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG.
	Methods: FTP, SMB, Web page, Email and USB memory
Resident Fonte	
Resident Fonts Operating Systems	80 outline fonts (PCL), 139 fonts (PS)
Operating Systems	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server®
	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012,
Operating Systems	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server®
Operating Systems	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac OS X10.6-10.12, UNIX®, Linux®,
Operating Systems	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac OS X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services,
Operating Systems and Environments	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹
Operating Systems and Environments	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac OS X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP,
Operating Systems and Environments  Printing Protocols  Network Scanning	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac OS X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPD and LPR for Unix  System
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server 2008, Windows Server 2008, RQ, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UMIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPD and LPR for Unix  System Standard: Color, monochrome, grayscale
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes Max. Original Size	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UMIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, APP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPD and LPR for Unix  System Standard: Color, monochrome, grayscale 8½" x 14"
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes  Max. Original Size Optical Resolution	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac OS X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, LPD and LPR for Unix  System Standard: Color, monochrome, grayscale 8½" x 14" 600 dpi
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes  Max. Original Size Optical Resolution Output Modes	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPD and LPR for Unix  System Standard: Color, monochrome, grayscale 8½" x 14" 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes Max. Original Size Optical Resolution Output Modes Image	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server 2008, Windows Server 2008, R2, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types! LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPD and LPR for Unix  System Standard: Color, monochrome, grayscale 8½" x 14" 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes  Max. Original Size Optical Resolution Output Modes	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server 2008, Windows Server 2018, R2, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPP and LPR for Unix  System Standard: Color, monochrome, grayscale 8½" x 14" 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low)
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes Max. Original Size Optical Resolution Output Modes Image Compression	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPD and LPR for Unix  System  5tandard: Color, monochrome, grayscale 8½" x 14" 600 dpi 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)¹
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes Max. Original Size Optical Resolution Output Modes Image	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac OS X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, LPD and LPR for Unix  System Standard: Color, monochrome, grayscale 8½" x 14" 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi Monochrome Scanning: Uncompressed, 63 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)¹ Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS,
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes Max. Original Size Optical Resolution Output Modes Image Compression	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server 2012, 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UNIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types: LPR, IPP, IPP, PPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPD and LPR for Unix  System Standard: Color, monochrome, grayscale 8½" x 14" 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi Monochrome Scanning: Uncompressed, 63 (MH), 64 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)¹ Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF.
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes Max. Original Size Optical Resolution Output Modes Image Compression	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server 2008, Windows Server 2018, R2, Windows Server 2012, Windows Server 2016, Mac 0S X10.6-10.12, UMIX*9, Linux*9, Citrix*9 (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPP and LPR for Unix  System  Standard: Color, monochrome, grayscale 8½* x 14* 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)¹ Monochrome: TIFP, PP, PPFA, Encrypted PDF, XPS, Searchable PDF, D0CX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDFA, Compact PDF,
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes Max. Original Size Optical Resolution Output Modes Image Compression	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server 2012, 2008, Windows Server 2018, Rac 0S X10.6-10.12, UMIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types: LPR, IPP, IPP, PPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, LPD and LPR for Unix  System Standard: Color, monochrome, grayscale 8½" x 14" 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi Monochrome Scanning: Uncompressed, 63 (MH), 64 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)¹ Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF.
Operating Systems and Environments  Printing Protocols  Network Scanning Scan Modes Max. Original Size Optical Resolution Output Modes Image Compression	80 outline fonts (PCL), 139 fonts (PS) Windows 7, Windows 8.1, Windows 10, Windows Server 2008, Windows Server 2008, Windows Server 2018, Rac 0S X10.6-10.12, UMIX®, Linux®, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, P0P3, HTTP, LPD and LPR for Unix  System  Standard: Color, monochrome, grayscale 8½" x 14" 600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (ftigh, middle, low) Internet Fax mode: MH/MMR (option)¹ Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX,

Network Scanning System (continued)		
One-touch	Up to 2,000 (combined scan destinations)	
Destinations		
<b>Group Destinations</b>	Up to 500	
Programs	48 (combined)	
Max. Jobs	Up to 100	
Enhanced Email	Standard Gmail connector, standard Exchange connector	
Integration	(on-premise and online)	
Scanning Protocols	HTTP/HTTPS,FTP/FTPS, SMTP/SMTP/SMTP-SSL/ESMTP,	
	POP3, LDAP, S/MIME	
Software	Sharpdesk® desktop personal document management software	
	(1 user license included), Sharpdesk Mobile (download)	

Software	Sharpdesk® desktop personal document management software
	(1 user license included), Sharpdesk Mobile (download)
Comes CO Feesimile	- Franchisa
Super G3 Facsimile Communication	Public Switched Telephone Network (PSTN)
Line	Public Switched Telephone Network (PSTN)
Transmission Mode	Super G3, G3
Modem Speed	Maximum 33.6 KBPS with auto fallback
Compression	JBIG, MMR, MR, MH
Scanning Method	Sheet fed or manual feed from platen glass
Transmit Resolution	400 x 400 dpi (ultra-fine), 200 x 400 dpi (super-fine),
	200 x 200 dpi (fine), 200 x 100 (standard)
Halftones	256 levels
Transmit Speed	Approx. 2 seconds per page in Super G3 mode
Auto Dialing	Up to 1000 destinations (combined)
Group Dialing	Up to 500 groups
Inbound Fax	To email address, FTP or SMB using Transmit Terminal
Routing	Identification (TTI), also Document Administration function
	can send blind copy of transmissions and receptions to an
	administrator email address, FTP or SMB location.
Max. Original	Up to 19.5"
Length	
Programs	48 (combined)
Memory	1 GB (shared)
Features	Transaction Reports, Activity Reports, PC Fax, F-Code
	communication, Memory Transmission, Quick On-line
	Transmission, Inbound Fax Routing, Anti-junk Fax Reception,
	Secure Fax Release, Out-of-Paper Memory Reception, Auto
	Redial, Auto Exposure, Chain Dialing, Polling Reception,
	Duplex Reception and ITU-T.37 Internet Fax Option.

MX-DS22	High Stand
MX-DS23	Low Stand
MX-CS14	600-sheet Paper Feed Unit
MX-FN32	50-sheet Staple Inner Finisher
MX-SCX1	Staple Cartridge for MX-FN32
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
MX-AMX1L	Application Integration Module
DVENDFS	Generic Vendor Interface Kit
MX-FR59U	Commercial Data Security Kit (not available at time of launch)

Supplies		
MX-B45NT	Toner Cartridge	
MX-B45NV	Developer	
MX-B45DU	Drum	

















SHARP ELECTRONICS CORPORATION 100 Paragon Drive, Montvale, NJ 07645 1-800-BE-SHARP • www.sharpusa.com Design and specifications subject to change without notice. Sharp, Sharp OSA, Sharpdesk, My Sharp and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Windows, Windows Server, Excel, PowerPoint, OneDrive and Share Point are registered trademarks of Microsoft Corporation. Android, Google Drive, Google Cloud Print and Chromebook are trademarks of Google Inc. AirPrint is a registered trademark of Apple Inc. Adobe and PostScript are registered trademarks of Adobe Systems Inc. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Wi-Fi is a registered trademark of the Wi-Fi Alliance. All other trademarks are the property of their respective owners.

<sup>&</sup>lt;sup>1</sup> Some features require optional equipment. See your local dealer.

<sup>&</sup>lt;sup>2</sup> May vary depending on product configuration, machine settings and operating and/or environmental conditions.

<sup>&</sup>lt;sup>3</sup> Go to *www.sharpusa.com* for a list of supported devices and operating systems.