

New generation black & white A4 MFP

# MX-B355W/MX-B455W

A compact office MFP that offers flexibility to meet the demands of a busy office environment



## More than you would expect from an A4 device

- Output speed of max. 45ppm (MX-B455W) or 35ppm (MX-B355W) in B/W
- Standard 550 sheet paper capacity, expandable to max. 2,350 sheets
- 50-sheet Reversing Single Pass Feeder (MX-B355W) / 100-sheet Duplex Single Pass Feeder (MX-B455W)
- B/W and colour scanning of up to 110ipm for fast document digitisation (based on MX-B455W)
- OCR converts scanned documents into editable Microsoft® Office files (pptx, xlsx, docx) and searchable PDFs
- Print Release function lets users send documents to main MFP, which acts as a server and stores them for printout from any networked MFP
- Standard PCL 6 (standard-equipped) and Adobe® PostScript® 3™
- Direct printing of Microsoft® Office files (pptx, xlsx, docx) from USB drives

## Across-the-board connectivity

- Standard wireless LAN
- Single sign-on brings easy access to public cloud services, such as Google Drive™, OneDrive®, SharePoint®, Microsoft Online, Box and Sharp Cloud Portal Office
- Sharp OSA (Open Systems Architecture) allows integration with network and cloud-based applications
- Sharpdesk Mobile print/scan application connects the MFP to mobile devices via wireless LAN
- Prints from applications that support Google Cloud Print™ and the Android™ printing framework (Sharp Print Service Plugin)
- NFC\*<sup>1</sup> and QR Code® enable easy direct connection between MFP and mobile device to facilitate mobile printing and scanning

## User-focused controls

- Tilttable 7.0-inch colour LCD touchscreen with easy UI mode enables intuitive navigation of MFP functions
- Red and green LEDs notify users of device or job status from a distance
- Multi-touch gestures (pinch and spread\*<sup>2</sup>) enable easy zooming
- Advanced preview function allows users to check and edit copy/scan jobs

## Keep your data secure

- Four progressively comprehensive layers of network and data protection
- Supports S/MIME for secure e-mail communications\*<sup>3</sup>
- Advanced data protection and access control

## Energy efficient

- Power ON/OFF Schedule function automatically turns the MFP on or off according to administrator-set time schedules
- Eco Scan function saves energy by keeping the fusing roller turned off during jobs that don't require any printing
- Eco Recommendation function suggests environmentally friendly settings before print\*<sup>4</sup> and normal copy mode

\*<sup>1</sup> NFC card reader required. \*<sup>2</sup> For Advanced Preview. \*<sup>3</sup> When sending e-mail only.  
\*<sup>4</sup> For printing Document Filing data and direct printing (FTP/SMB/USB).

# Specifications

## General

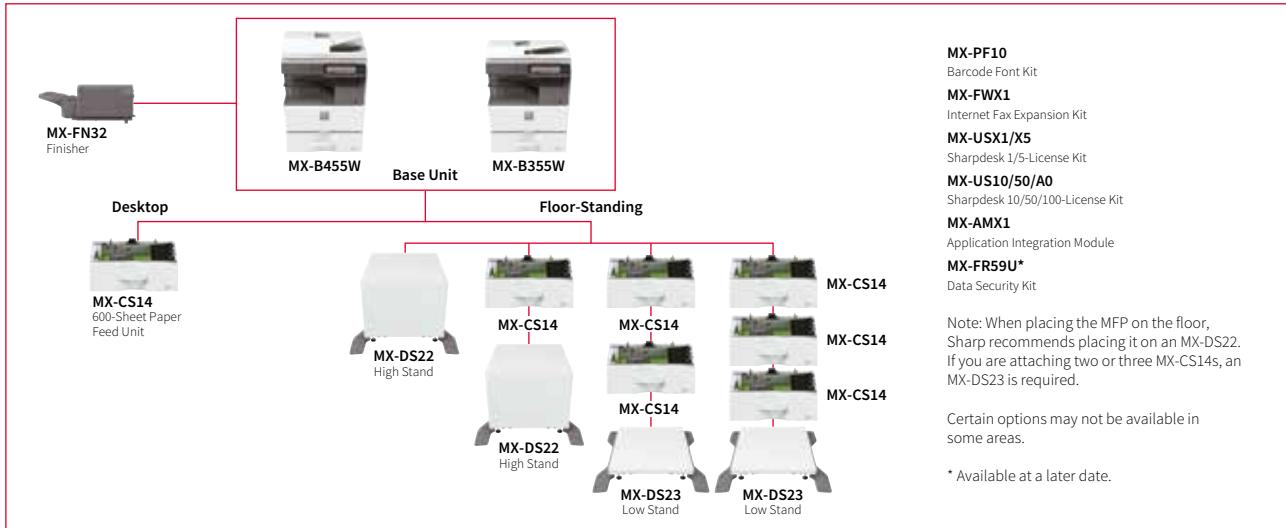
|  |  |
|--|--|
| <b>Engine speed (ppm/cpm) (Max)</b>            | A4 <sup>1</sup>                              |
| MX-B355W                                       | 35   |
| MX-B455W                                       | 45   |
| <b>Control panel display</b>                   | 7.0-inch colour LCD touchscreen              |
| <b>Paper size<sup>2</sup> (Min - Max)</b>      | A6 - A4                                      |
| <b>Paper weight (g/m<sup>2</sup>)</b>          |  |
| Drawer 1                                       | 60 - 105                                     |
| Drawers 2 - 4                                  | 55 - 220                                     |
| Multi-bypass                                   | 55 - 220                                     |
| <b>Paper capacity (Std - Max)</b>              |  |
| Sheets   | 550 - 2,350                                  |
| Drawers  | 1 - 4 (plus bypass tray)                     |
| <b>Warm-up time<sup>3</sup> (seconds)</b>      | 20   |
| <b>Memory (GB)</b>                             |  |
| Copier/Printer (shared)                        | 5  |
| HDD <sup>4</sup>                               | 500  |
| <b>Power requirements</b>                      | Rated local AC voltage $\pm 10\%$ , 50/60 Hz |
| <b>Power consumption (kW) (Max)</b>            | 1.84 (220 to 240V)                           |
| <b>Dimensions (mm) (W x D x H)<sup>5</sup></b> |  |
| MX-B355W                                       | 492 x 517 x 588                              |
| MX-B455W                                       | 492 x 517 x 638                              |
| <b>Weight (kg) (approx.)</b>                   |  |
| MX-B355W                                       | 31   |
| MX-B455W                                       | 33   |

## Copier

|  |   |
|--|---|
| <b>Original paper size (Max)</b>             | A4  |
| <b>First copy time<sup>6</sup> (seconds)</b> |   |
| MX-B355W                                     | 5.3   |
| MX-B455W                                     | 3.7   |
| <b>Continuous copies (Max)</b>               | 9,999   |
| <b>Print Resolution (dpi)</b>                |   |
| Scan   | 600 x 600, 600 x 400                                  |
| <b>Gradation levels</b>                      | 256   |
| <b>Zoom range (%)</b>                        | 25 - 400, (25 - 200 using RSPF/DSPF) in 1% increments |
| <b>Preset copy ratios (Metric)</b>           | 10 ratios (5R/5E)                                     |

## Wireless LAN

|                             |  |
|-----------------------------|--|
| <b>Compliant regulation</b> | IEEE802.11n/g/b  |
| <b>Access mode</b>          | Infrastructure mode, Software AP mode  |
| <b>Security</b>             | WEP, WPA/WPA2-mixed PSK, WPA/WPA2-mixed EAP <sup>7</sup> , WPA2 PSK, WPA2 EAP <sup>7</sup> |



<sup>1</sup> Short-edge feeding. <sup>2</sup> Only short-edge feeding can be used with A5 paper. <sup>3</sup> 20 seconds. when starting the MFP via the power button; 30 seconds. when starting via the main power switch. At rated voltage, 23°C (73.4°F). May vary depending on operating conditions and environment. <sup>4</sup> HDD capacity depends on procurement and sourcing status. <sup>5</sup> Including adjusters and protuberances <sup>6</sup> Short-edge feeding of A4 sheets from 1st paper tray, using document glass, without Auto Colour Selection and Auto Colour mode, MFP in fully ready condition. May vary depending on operating conditions and environment. <sup>7</sup> Not applicable to Software AP mode. <sup>8</sup> Based on Sharp's A4 standard chart, using document feeder and short-edge feeding. Using factory default settings with Auto Colour Selection off. Scan speed will vary depending on the type of document and the scan settings. <sup>9</sup> Colour/greyscale only. <sup>10</sup> Storage capacity will vary depending on the type of document and the scan settings. <sup>11</sup> Some features require option(s). <sup>12</sup> Based on Sharp's standard chart with approx. 700 characters (A4 short-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

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