MXC301W

THE RENAISSANCE OF COLOUR

DESKTOP COLOUR WORKGROUP DOCUMENT SYSTEM

the SHARP experience

see what happens

SHARP

The MXC301W offers advanced connectivity to network applications, cloud services and more.

Powerful workflow capability for the desktop

compact

The **MXC301W DESKTOP COLOUR WORKGROUP DOCUMENT SYSTEM** offers multi-tasking workflow features while offering a compact footprint that fits in small spaces. Designed with **LEADING-EDGE FEATURES** typically found on larger machines, the MXC301W makes managing your workflow easier than ever.

Key Features

- **7" HIGH-RESOLUTION TOUCH-SCREEN** provides easy-to-access key features.*
- **STANDARD OUT-OF-BOX WIRELESS NETWORKING** and **Adobe® PostScript® 3™** compatible printing provides enhanced productivity.

The compact **MXC301W DESKTOP COLOUR WORKGROUP DOCUMENT SYSTEM** has been built on the **SHARP OSA® DEVELOPMENT PLATFORM**, making integration with network applications and **CLOUD SERVICES** easier than ever. Sharp's **ENHANCED SECURITY PLATFORM** with standard SSL support, **256-BIT DATA ENCRYPTION** and up to **7 TIMES DATA OVERWRITE PROTECTION** helps assure that your intellectual property is well protected.

That's the **SHARP DIFFERENCE**.

A large, high resolution touch-screen makes it easy to access features.

*Screen measured diagonally.

Compact design that delivers high productivity

Convenient wireless networking

High-resolution colour touch screen

Integrates with network applications and cloud services.*

*Some features require optional equipment and/or software.

Powerful features plus connectivity to cloud and mobile apps enable your business to run more efficiently.

- Robust **7"** (diagonally measured) **high-resolution touch-screen** colour display with graphical navigation
- Automatic document feeder with scan speed of up to 37 ipm
- Wireless and wired network connectivity with PCL®6 and **Adobe® PostScript® 3™** compatible printing systems
- Sharp's enhanced security with extended **SSL support, data encryption** and **data overwrite protection**
- **ImageSEND™** function scans documents to E-mail, network folders and USB devices
- **Sharpdesk® Mobile compatibility** via free app offers powerful mobile scanning and printing for mobile devices including iPad®, iPhone®, Android™, Windows® 8 and Windows® RT devices
- **End-of-Lease** feature can erase all files on the hard disk drive, all user data, job status data and address book data at trade-in time
- Standard **Super G3 fax** with intelligent inbound routing
- Out-of-the-box support of **Sharp OSA development platform**, enabling businesses to streamline document workflow and help enhance productivity
- 250 GB hard drive supports convenient **Document Filing System** with image preview for easy access to frequently used documents
- 300-sheet standard paper capacity, **expandable to 800 sheets** with optional 500-sheet high capacity cassette
- **Remote front panel** feature allows users and administrators to view and control machine operations from a PC workstation
- **True 600 x 600 dpi** printing combined with Sharp's **micro-fine toner technology** provides clear, crisp image output
- **Environmentally-friendly** design offers lower power consumption, fast warm up, compact design and efficient dual component supply system

Intuitive features and powerful functionality

Multi-position tilt screen allows for adjustment to a convenient viewing position.

Expandable paper capacity stores up to 800 sheets.

Enhanced productivity for small offices and workgroups.

The Flexibility You Need

With a **high-resolution touch screen colour display** and a powerful **multi-tasking controller**, the MXC301W Desktop Colour Workgroup Document System can help elevate your office productivity even in work environments with limited space. Intuitive menu navigation with razor sharp graphics, makes operating the MXC301W simple and easy.

High-Quality Output You Can Rely On

The MXC301W Desktop Colour Workgroup Document System combines micro-fine toner technology with **true 600 x 600 dpi** print resolution to produce documents with crisp, clear, high-quality colour images. **Sharp's Image Stabilization** helps ensure uniform density and colour balance for beautiful output, page after page.

Performance Your Business Can Depend On

The Sharp MXC301W Desktop Colour Workgroup Document System delivers enhanced performance and reliable productivity to meet the needs of today's busy office environments. Copy/print **speeds up to 30 ppm** (in both colour and B&W) help you to meet project deadlines with time to spare. The flexible paper handling system can feed up to 28 lb. bond paper through the paper trays and up to 80 lb. cover stock through the bypass tray.

Innovative Document Filing For Easy Access

Sharp's easy-to-use **Document Filing System** can store frequently used files like forms and templates. Plus, with Sharp's thumbnail preview mode, stored jobs can be located and retrieved quickly.

Powerful performance

An easily accessible USB connector allows for simplified printing of PDF files from common USB thumb drives.

A small MFP that delivers big results.

Exceptional Print Quality with Professional Output

With the MXC301W, your business can produce brilliant, **high-quality colour documents, as well as crisp B&W documents**. With standard PCL6 compatible printing, standard PostScript® 3™ compatible and available XPS option, documents are printed with superb performance and efficiency.

A True Multi-Tasking Document System

The MXC301W features a **high-performance, multi-tasking** controller that delivers copy, scan, fax and print jobs continuously for optimum efficiency. Some controllers only perform one operation at a time, but the MXC301W **continually processes incoming jobs** even while existing jobs are output. The result? A workflow that virtually never slows down – even at crunch time.

Direct USB Printing Adds Convenience and Portability

With Direct USB printing, users can **print colour or B&W** image files in a variety of popular formats directly from USB memory devices. Need to print PDF brochures in a hurry for a big meeting? It's easy with the MXC301W. Just plug in your **portable USB memory device**, select the file, and your job prints immediately.

Flexible document distribution for seamless results

Sharp's integrated network scanning offers one-touch document distribution to multiple destinations.

On-the-go distribution.

Integrated Network Scanning

Sharp's powerful **ImageSend™** technology allows for one-touch distribution that centralizes document workflow, helps reduce mail costs and saves time. With up to **seven destinations** – E-mail, Desktop, FTP, Network Folders (SMB), USB, Fax and Internet Fax – getting your document where it needs to go is as easy as pushing a button. For increased efficiency, **send to Group** mode allows you to mix group broadcasts to E-mail, Fax, and Internet Fax.*

Convenient E-mail Distribution

With Lightweight Directory Access Protocol (LDAP), there's no need to manually enter a recipient's complete E-mail address. Simply enter the first few characters and the MXC301W automatically searches and displays a list of matching names. **Unique File Naming** allows users to enter specific file names with custom subject fields, for easy recall of stored files. With **Sharpdesk®** personal document management software, users can organize scanned documents and integrate them into everyday workflow.

SUPER G3

OSA Sharp Open Systems Architecture

Integrated Super G3 Fax and Internet Fax

The standard facsimile with Super G3 capability, features automatic inbound **Fax Routing** to **E-mail**. Sharp's **innovative PC fax driver** enables users to send fax documents right from their desktop. For Internet fax operation, add the optional B&W Internet fax expansion kit.

Versatile Application Integration

To help streamline document workflow and **enhance productivity**, the MXC301W supports the Sharp OSA development platform. This technology allows users to **interact with network applications faster** than ever before – and right from the MFP panel!* Sharp OSA technology uses industry-standard network protocols, such as XML and SOAP, allowing the MXC301W to communicate with many different applications. The Sharp OSA development platform is also scalable, so as your workflow needs change, Sharp's application integration can change as well.

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

Versatile device access

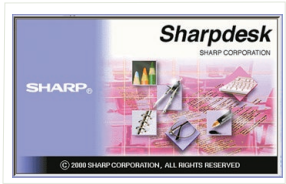
Streamline your document workflow and enhance productivity.

Flexible Networking for Today's Modern Office Environments

The MXC301W Desktop Colour Workgroup Document System offers several secure methods to connect to your network environment. You can choose a traditional wired Ethernet connection or you can use the **built-in wireless NIC** to connect to a wireless network. For environments that use a wired connection but would like to also provide scanning and printing to mobile users, the Sharp wireless NIC can be configured in a **Point-to-Point mode**.

Sharpdesk®

Sharpdesk software is an **easy-to-use** personal document management application that lets users browse, edit, search, compose, process and forward scanned and native electronic documents.



Manage Document Workflow

Sharpdesk simplifies the creation and distribution of proposals, reports and more. Simply **drag and drop** your files onto Sharpdesk software's work area and you'll be able to browse through them in a single window. Each file type can be displayed as a thumbnail for quick visual location and identification of a document. Over **200 types of files**, such as Excel, Word, PowerPoint, TIFF, JPEG and BMP, are supported.

Sharpdesk® Mobile

Sharpdesk Mobile is a free powerful, mobile scanning and printing app that connects Sharp MFPs via **wireless to mobile devices** such as iPad, iPhone, Android, Windows 8 and Windows RT devices.

Hassle-free Printing

Connect to a wireless network, select a document, preview and print directly to a supported Sharp MFP from a **smartphone or tablet**.

Simplified Scanning

Scan hard-copy documents to PDF for **easy access** by simply scanning from a Sharp MFP to your device. Your smartphone or tablet profile can be stored as a "scan-to" location on the MFP for **one-touch operation**.

Seamless Collaboration with Other Applications

Sharpdesk Mobile allows seamless file sharing with other applications. Users can **attach scanned files to E-mail**, share documents with other applications or print files from other apps.

Sharpdesk Mobile:

- Receive, preview and store scanned images
- Print data from mobile devices
- Send data on mobile devices as an attachment of E-mail
- Share data on mobile devices with other applications

Device management

Enhance efficiency and maximize your time through Sharp's versatile device management.

Sharp Remote Device Manager (SRDM)*

SRDM is a device management application, developed by Sharp, which allows the operator to **browse and operate an MFP via a web browser**. This advanced access **allows** for easy setup and configuration of the MFP, enabling users to get the most of the advanced features the MXC301W has to offer!

Sharp Remote Device Manager.

**Not available at time of launch.*

Key Features

- Graphical device management screen by list/icon display
- Status indicators of toner and paper tray
- Notification of MFP status by E-mail alert
- Easy access to MFP features via embedded Web page
- Device discovery based on a specific IP address, an IP search range on a designated subnet

Heightened security helps protect your business

To help protect your data, the MXC301W offers several layers of standard security, making Sharp the optimum choice to help protect employees' privacy and intellectual property. As a leader in office equipment security, Sharp makes it easy for virtually any business or government entity to safely deploy digital copying, printing, scanning and faxing.

Authority Groups

Advanced account management enables administrators to set authority groups for access to features of the MXC301W. Administrators can control which department, for instance, has full access to copying, printing, scanning and/or faxing. Walk-up users enter a Code, Local Name and Password, or LDAP User Authentication to access the features assigned to their group.

Data Overwrite and Encryption

To help protect your data, the MXC301W can encrypt document data using **AES** (Advanced Encryption Standard) **256-bit encryption**. The MXC301W can also erase the temporary memory on the hard drive by overwriting the encrypted data up to seven times, offering a heightened level of assurance. A convenient End-of-Lease feature overwrites all data, including document filing, user data, job status, date and address book.

Network Scanning Access Control

To help protect your network from unauthorized E-mail communications, the MXC301W supports **User Authentication**, requiring users to login before performing any network scanning operations.

Control Device Access Over the Network

To help restrict access to the device over the network, the MXC301W offers IPsec, SMB and extended support for **SSL Encryption** (Secure Sockets Layer), **IP/MAC address** filtering, IEEE 802.1x authentication, protocol enable/disable and port management for maximum security.

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

Documents Remain Confidential

The MXC301W offers **Confidential Printing**, which when used, requires users to enter a PIN code in order to print a queued document. To help protect your direct-print documents from unauthorized viewing, the MXC301W offers encrypted PDF printing and scanning. Additionally, **Secure Fax Release** helps ensure received fax documents are held in memory until an authorized user enters a PIN code.

Tracking and Auditing Information

Legislation and industry policies require companies to be more aware of information flow from their offices. Sharp offers both built-in and additional hardware/software, which allows users to **control, access** and **track usage** of each device on the network.*

Data Security Kit (Optional)

For maximum protection, the optional data security kit offers additional features, such as Data Overwrite on-demand, Document Filing access control, Restricted Status Display and List Printing.

These scalable security offerings aim to protect your intellectual property, preserve confidential information and help your business meet regulatory requirements such as the Personal Information Protection and Electronic Documents Act (PIPEDA).

Environmental commitment

An Environmentally Responsible Approach to Product Design

The MXC301W utilizes Sharp's advanced **micro-fine toner technology**, which offers a lower consumption rate and produces less waste than conventional toners, resulting in longer replacement intervals. Sharp supplies are packaged using fully **recyclable materials**. Long-life consumable parts help minimize service intervals and downtime, resulting in lower operating costs. With multiple energy saving modes, power can be reduced or shut off at set intervals. The MXC301W document system is **ENERGY STAR® qualified** and **RoHS compliant** to restrict the use of hazardous substances.

Toner Recycling Program

As part of our commitment to help 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. Please visit *http://www.sharp.ca/en-CA/AboutUs/SharpAndTheEnvironment/Recycling.aspx* to learn more.

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 was also a previous recipient of the *Excellence in Partnership* **Green Contractor Award** and the **Evergreen Award** from the General Services Administration (GSA) and the Coalition for Government Procurement. These awards recognize environmentally responsible businesses and their efforts in recycling, waste reduction and affirmative procurement practices.

Global Initiatives

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit *http://www.sharp.ca/en-CA/AboutUs/SharpAndTheEnvironment.aspx* to learn more.

MXC301W Specifications

Main Specifications

MXC301W	Includes multi-tasking controller, 250 GB HDD with document filing system, PCL®6 network printing, network scanning, 50-sheet RSPF, auto-duplex, one 250-sheet paper drawer and 50-sheet bypass. Black and colour developer are included.
Type	Desktop, colour multi-function digital document system
Display	7" (diagonally measured) colour dot matrix touch panel 800 x 480 dots (W-VGA)
Functions	Copy, print, network print, network scan, document filing and fax [1]
Copy System	Dry electrostatic transfer/Dual component developer/ Magnetic brush development/OPC drums/Heat roller fusing/ white LED exposure
Originals	Sheets and bound documents
Max. Original Size	8.5" x 14"
Copy Size	Min. 5.5" x 8.5"
Copy Speed	30/30 ppm B&W/Colour (8.5" x 11")
Multiple Copy	Max. 999 copies

First Copy Time (in Seconds)	B&W	Colour
Platen Glass	6.3	7.4
Doc. Feeder	7.6	11

Warm Up Time	18 seconds or less [2]
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	50-sheet RSPF
Scan Speed	Copy mode: Up to 37 ipm (B&W) @ 600 x 300 dpi; Up to 37 ipm (Colour) @ 600 x 300 dpi. Network Scan: Up to 37 ipm (B&W or Colour) 200 x 200 dpi. All times based on single-side letter originals. Original Sizes 5.5" x 8.5", 8.5" x 11", 8.5" x 11" R, 8.5" x 14" (13-28 lb. bond)
Paper Capacity	Standard 300 sheets/Max. 800 sheets
Paper Feed	Standard: (1) 250-sheet paper drawer (letter/statement size) and 50-sheet bypass tray (letter/legal/statement/ envelope size). Optional: 500-sheet drawer (letter/statement size)
Paper Weight and Types	Paper drawers: 16 lb. to 28 lb. bond. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and colour paper. Bypass Tray: 28 lb. bond to 80 lb. cover (heavy paper), 13-28 lb. bond (thin paper), 28 lb. to 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, colour paper and OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 600 MHz multi-tasking process
Interface	RJ-45 Ethernet (10/100/1000Base-T), USB 2.0 (2 host ports, Front, Rear, USB 2.0 (1 device port)
Memory	3 GB copy/print shared
Hard Disk Drive	250 GB
Copy Resolution	Platen colour 600 x 600 dpi, B&W: 600 x 600 dpi; RSPF colour 600 x 600 dpi, B&W: 600 x 300 dpi
Colour Modes	Auto Colour Control (ACC), Full Colour Mode, Monochrome (B/W)
Exposure	Modes: Automatic Text, Text/Photo, Text/Printed-Photo, Control Printed-Photo, Photo, Map, Pale-Colour Document. Settings: Auto exposure control or 9 step manual exposure.
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, Auto Colour Sensing (ACS), Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), auto tray switching, reserve copy, margin shift, edge erase (only for edge/side), proof copy, job build, card shot, mirror image, black-white reversal, centring, 2-in-1/4-in 1, pamphlet, photo repeat, document filing, account management, job programs, date/character/page/stamp.
Account Control	Up to 1000 users. Supports user-number authentication (on device), login name/password (on device) or login name/ password (on device via LDAP server) for Copy, Print, Scan, Fax and document management.
Main Output Tray	150 sheets face down (internal)
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)
Configuration Method	Web-based management with user/administrator level login, cloning (1 to N) with SRDM and remote front panel access
Service/ Maintenance	Remote front panel access, remote access to service logs and click counts
Accessibility Features	Adjustment of Key Touch-Send and Speed, Concave Key, Job Programs, Remote Front Panel, Tilt Support (operation panel), and Disable Screen Timeout
Environmental Standards	The International Energy Star Program MFP (EPA) Ver.2.0, Law on Promoting Green Purchasing®, European RoHS (Restriction of Hazardous Substances)
Power	AC 100-127 VAC, 50/60 HZ, 12 Amps
Power Cons.	Maximum: 1.25kW
Weight	Approx. 72.8 lbs. (base model)
Dimensions	17" (w) x 22.5" (d) x 18.5" (h)

Network Printing System

PDL	Standard PCL6 compatible, PostScript®3™ compatible, optional XPS
Resolution	600 x 600 dpi
Print Speed	30/30 B&W pages per minute (8.5" x 11")
Print Drivers	Windows Server® 2003-2008, Windows® XP, Windows XP x64, Windows Server x64, Windows Vista®, Windows Vista® x64, Windows® 7 x64, Windows® 8 x64, Windows® 8.1 x64, MAC OS®, OSX (including 10.4, 10.5, 10.6, 10.7, 10.8, 10.9), all MAC PPD
Features	Windows cluster print, ROPM, duplex printing, auto configuration, continuous printing, electronic sorting, duplex printing, transparency inserts, margin shift, image rotation, job bypass print, job retention, confidential print, user authentication, image stamp and watermarks, form overlay, chapter inserts, page Interleave and bar code font printing (requires MXPF10 bar code font kit)
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, PostScript (optional) XPS [1]. Methods: FTP, Web page, E-mail and USB memory
Resident Fonts	80 outline fonts (PCL), 136 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000Base-T, Wireless IEEE802.11 n/g/b and USB 2.0
Operating Systems	Windows Server 2003-2008, 2012, 2012 R2 Windows XP, Windows Vista, Windows 7, Windows 8, 8.1, MAC OSX 10.4, 10.5, 10.6, 10.7, 10.8 Novell® Netware® 3x, 4x, 5x, Sun® OS 4.1x, Solaris® 2x, Unix®, Linux® and Citrix® XenApp 5.0, 6.0, 6.1, (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services. [1]
Network Protocols	TCP/IP (IPv4, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, 802.1x for Windows and Unix. LPD and LPR for UNIX. IPX/ SPX® for Novell environments. EtherTalk®, AppleTalk® for Macintosh® environments. [1]
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Rprinter
Network Security	IP/Mac address filtering, protocol filtering, port management, user authentication and document administration. [1]
Security Standards	IEEE-2600™ 2008 for MFP devices

Network Scanning System

Scan Modes	Standard: Colour, monochrome, greyscale
Max. Original Size	8.5" x 14"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi
Image Formats	Monochrome: TIFF, PDF, Encrypted PDF, XPS Colour: Greyscale/Colour TIFF, JPEG, PDF, Encrypted PDF, XPS Internet Fax: TIFF-FX, TIFF-F, TIFF-S [1]
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Colour/Greyscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)
Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax
One-touch Destinations	Up to 1000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 94
Network Protocols	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP and 802.1x.
Network Security	User authentication with LDAP and Active Directory
Software	Sharpdesk® desktop document management software (1 user license)

B&W Super G3 Fax

Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS [3]
Compression Methods	JBIG, MMR, MR, MH
Scanning Method	Sheet fed simplex or duplex or book
Max. Transmit Resolution	400 dpi
Transmit Speed	Approx. 2 seconds with Super G3/JBIG4
Auto Dialing	Up to 1000 (combined scan destinations)
Group Dial/ Destinations	Up to 500
Inbound Fax Routing	Forwards received fax data to E-mail
Long Length Originals	Up to 19.5" (for transmission)
Programs	48 (combined)
Memory	1 GB (shared)
Halftone	256 levels
Features	Quick on-line transmission, direct transmission, F-Code transmission/reception, rotate transmission, in-bound fax routing, anti-junk fax reception, secure fax release, out of paper memory reception, auto redial, duplex reception transaction reports, activity reports and PC fax.

Optional Equipment

MXCS11	Paper Tray 1 x 500 Sheet
MX25ABD	Rolling Cabinet Base
MXPUX1	XPS Expansion Kit (requires MXSHP2GBXPS)
MXFWX1	Internet Fax Kit
MXPF10	Bar Code Font Kit
MXAMX1	Application Integration Module
MXFR46U	Data Security Kits
MXSHP2GBXPS	XPS Expansion Memory (required for MXPUX1)

Supplies

MXC30NTB	Black Toner Cartridge
MXC30NTC	Cyan Toner Cartridge
MXC30NTM	Magenta Toner Cartridge
MXC30NTY	Yellow Toner Cartridge
MXC30NVB	Black Developer
MXC30NVC	Cyan Developer
MXC30NVM	Magenta Developer
MXC30NVY	Yellow Developer
MXC30DR	Drum
MXC30HB	Toner Collection Container

[1] Some features may require optional equipment and/or software.

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

[3] Actual transmission time will vary based on line conditions.

ImageSEND

OSA® Sharp Open Systems Architecture

My Sharp™

SHARP

ENERGY STAR

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the SHARP experience

see what happens

SHARP

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