

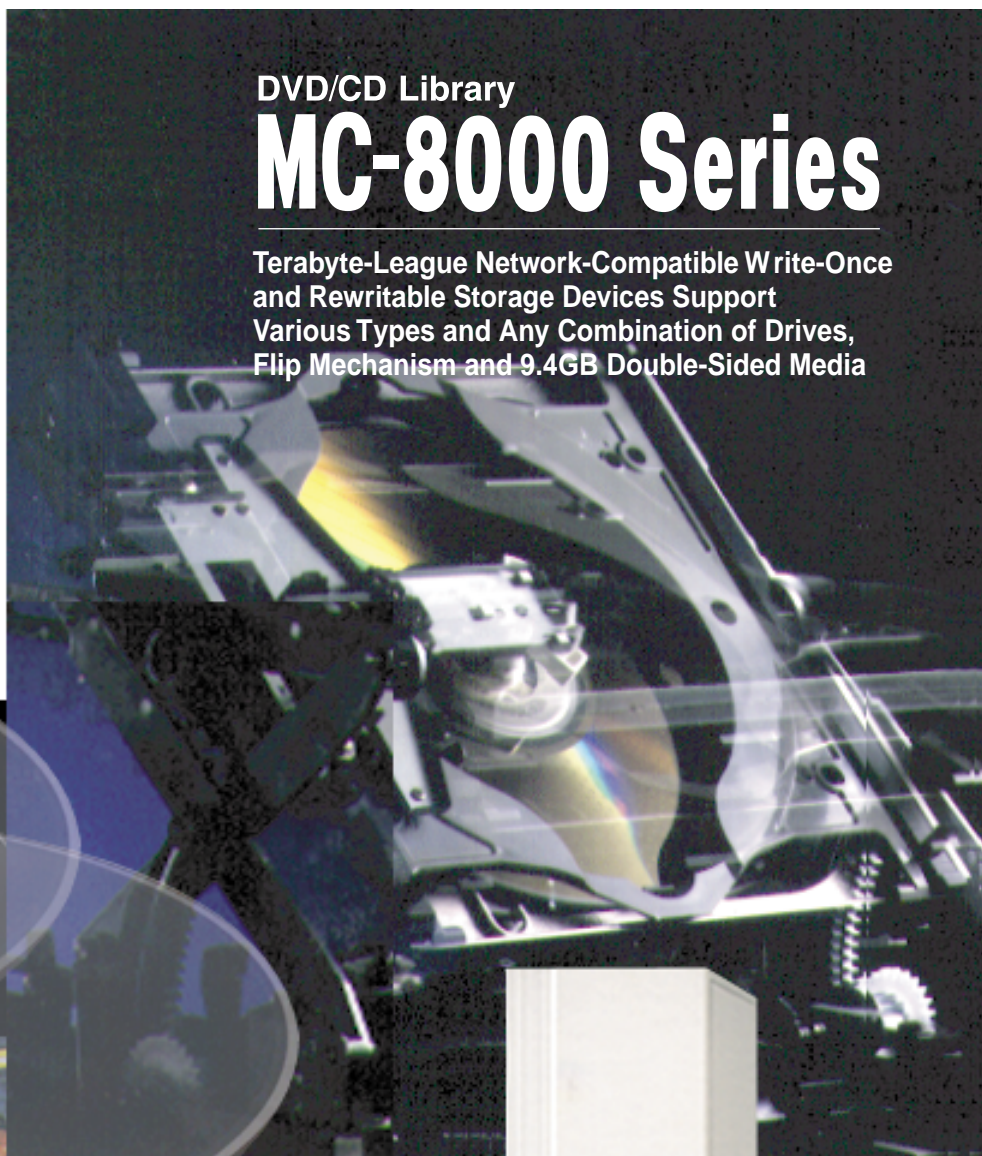
# JVC

**PROFESSIONAL**

DVD/CD Library

# MC-8000 Series

Terabyte-League Network-Compatible Write-Once and Rewritable Storage Devices Support Various Types and Any Combination of Drives, Flip Mechanism and 9.4GB Double-Sided Media



**DVD** **DVD**  
RAM ROM  
**CD-R** **CD-ROM**



**MC-8100U**  
100-Disc Model



**MC-8200U**  
200-Disc Model



**MC-8600U**  
600-Disc Model

# High-Volume Data Management Solutions Require Large Capacity and Fast Performance

The MC-8000U Series Library models are designed to meet the demands for a flexible and high-capacity data storage solution. Compatible with a variety of removable media, the MC-8000U Series is ideal for archiving everything from text-based documents to CAD data, high resolution images and digital audio/video files.

## High-Speed Disc Changer

JVC optimizes data delivery times by inverting the disc during vertical positioning or "flipping on the fly." This eliminates the additional time needed to transport the media to a specified location, invert the disc, and then transport the inverted disc to its destination. All of the specifications of a high-speed and reliable jukebox mechanism are retained.



## Flexible Configuration

The number of SCSI buses, drive bays, and installation method can all be custom configured according to each customer's specifications.

## Choice of Drives

You can choose to have any type, quantity and combination of installed drives (DVD-R, DVD-RAM, DVD-ROM, CD-R/RW, CD-ROM, etc)\*. Multiple drive types can be installed at the same time.



Available Devices  
DVD-R Drive **MC-R421U**



Available Devices  
DVD-RAM Drive **MC-R400U**



Available Devices  
CD-R Drive **MC-R18U**



Available Devices  
DVD-ROM Drive **MC-D207U**



Available Devices  
CD-ROM Drive **MC-D32U**

## Double-Sided Disc Carrier



Available Devices  
**MC-CF10U**

Utilizing the latest 4.7GB DVD-RAM, DVD-R Drives, Flip Mechanism and 9.4GB double-sided media for the MC-8600U, JVC can offer up to 5.64TB of available near online storage.

## Optional Disc Printer



Available Devices  
**MC-AP30U**

With this optional disc printer, high quality and full-color 720X720 dpi text and graphics can be printed directly onto printable CD and DVD discs. This option will offer automatic disc labeling after recording.

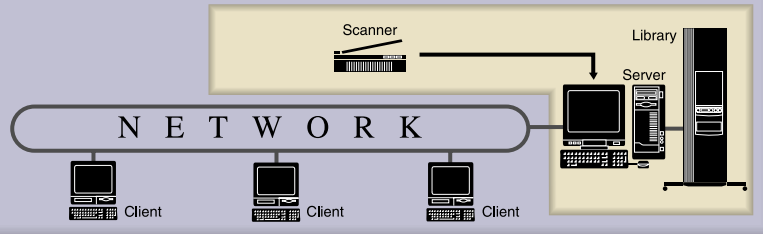
\* A device driver and application software supporting mixed drives and media is required.

# Common Applications for Near-Online Write-Once and Rewritable DVD/CD Mass Storage Library Systems

The industrial design of the MC-8000 Series ensures durability. The versatile MC-8000 Series Libraries are capable of handling nearly any file type, ranging from text to video. The unit also supports international-standard DVD and CD drives. The system's high-speed access mechanism minimizes wait time, while the flexible drive configurations handles multiple read/write requests to provide an optimum high-speed storage environment suitable for a wide range of applications.

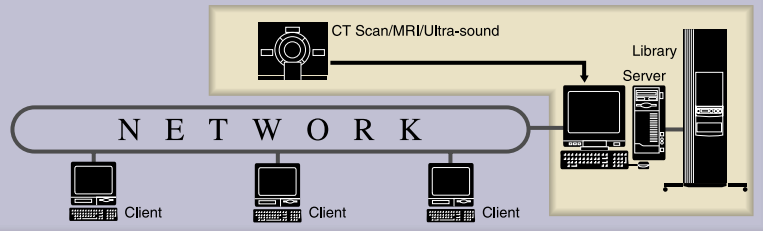
## Document Imaging

In today's business world, every company is striving for optimal efficiency to stay competitive. For a fast, efficient and accurate administration, companies are turning to centralized storage repository of electronic documents such as invoices, bills and receipts. JVC provides solutions that enable easy and efficient management of massive amounts of data.



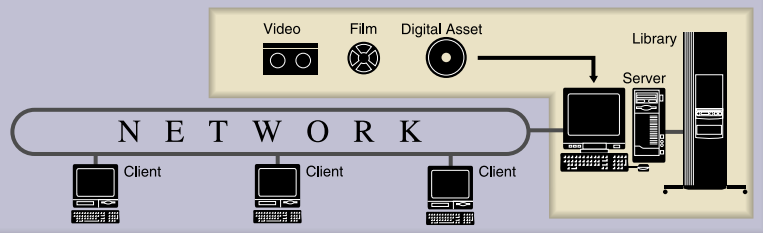
## High-Capacity Image Storage for Medical Applications

The increasing popularity of digital technology in the medical profession has created a demand for compact, reliable, and large capacity storage solutions for image data such as CTs and MRI. JVC offers the perfect solution—a DVD library linked to a DICOM image server.



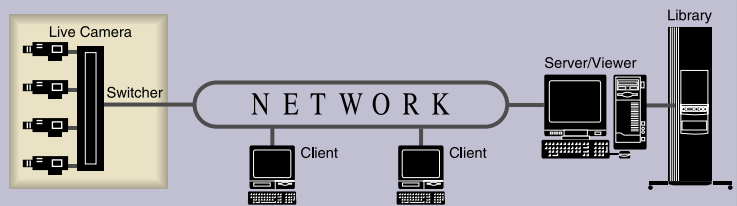
## Video Content Archives

High-volume disc storage makes it possible to preserve old film and videotape content in digital video formats such as MPEG. Compared to film or videotape, discs offer superior longevity, and they provide a single medium that's easy to work with. They're also ideal for near-online applications such as high-speed Internet searching.



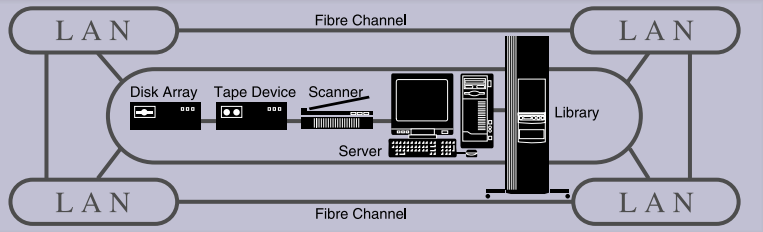
## Security Video Storage

Digital footage from security monitoring systems can be stored on disc as a series of continuous still images. Capable of storing many hours of footage, high capacity DVD discs also support random access search features for significantly faster searches.



## Next Generation Backup Systems

Only rewritable media can provide the high capacity, maximum efficiency data management and storage solutions required to handle the ever increasing volumes of data from servers and clients. And rewritable media facilitate easy backups with compression, as well as a wide range of other hierarchically structured applications.



## MAJOR SPECIFICATIONS

Product	DVD/CD Library (100-Discs)	DVD/CD Library (200-Discs)	DVD/CD Library (600-Discs)
Model	MC-8100U	MC-8200U	MC-8600U
Disc	100	200	600
Maximum Capacity*	940 GB	1.88 TB	5.64 TB
Disc Load Time (Ave)	2.5 seconds	4 seconds	4.5 seconds
Standard Drive Configuration	None (Custom Configured for Each Customer)		
Maximum Number of Drives	4	6	6
Available Drive Types	CD-ROM MC-D18U, MC-D32U CD-R/W MC-R12U, MC-R14U, MC-R18U DVD-ROM MC-D104U, MC-D207U DVD-RAM MC-R200U, MC-R400U DVD-R NC-R421U		
SCSI ID No.	Changer = 0 (Factory Default Setting)		
Connector	SCSI-2 (Amphenol 50-Pin) x 2, RS-232C (D-Sub 9P for Remote Maintenance) x 1		
Import/Export	Mail Slot		
Bulk Loading	50-Disc Magazines x 2	50-Disc Magazines x 4	50-Disc Magazines x 12
Security Door Lock	Standard Feature		
Double-Sided Media Support	Optional Installation of MC-CF10U Invert Carrier Mechanism		
Disc Printer	Optional MC-AP30U 4-Color 720dpi Disc Printer		
MSBF	2.5 million swap cycles		
Dimensions (WxHxD)	13-7/16" x 24-5/16" x 26-13/16" (340 x 616 x 680 mm)	13-7/16" x 34-1/8" x 26-7/16" (340 x 866 x 670 mm)	30-5/8" x 64-5/8" x 31-13/16" (777 x 1641 x 807 mm) with casters
Weight	92.7 lbs. (42 kg)	128.0 lbs. ( 58 kg)	229.6 lbs. (104 kg)
Power Requirements	120 to 240 V AC, 50/60 Hz		
Power Consumption	105 W	140 W	140 W

\* With a 9.4GB Double-Sided DVD-R, DVD-RAM Disc

### Optional DVD-R Drive (MC-R421U)

Recording media	DVD-R for General: Single-Sided 4.7GB or Double-Sided 9.4 GB
Playback compatibility	DVD-R, DVD-RAM, DVD-ROM, CD-R, CD-RW, CD-ROM
Data transfer rate	1.32MB/s for DVD-R for General
Access time	130ms (DVD-R)
Buffer size	1MB

### Optional DVD-RAM Drive (MC-R400U)

Recording media	DVD-RAM (Ver.2.1: Single-Sided 4.7 GB or Double-Sided 9.4 GB Bare Media) DVD-RAM (Ver.1.0: Single-Sided 2.6 GB or Double-Sided 5.2 GB Bare Media)
Playback compatibility	DVD-R, DVD-RAM, DVD-ROM, CD-R, CD-RW, CD-ROM
Data transfer rate	Sustained 2.77MB/s for DVD-RAM (Ver.2.1: 4.7GB or 9.4GB) 1.38MB/s for DVD-RAM (Ver.1.0: 2.6GB or 5.2GB) Burst Max. 8 MB/s (in sync transfer) Max. 10 MB/s (in sync transfer)
Access time	Less than 300 ms (DVD-RAM)
Buffer size	2MB

### Optional DVD-ROM Drive (MC-D207U)

Compatible media types	DVD-R, DVD-RAM, DVD-ROM, CD-R, CD-RW, CD-ROM
Data transfer	Max. 10MB/s (DVD-ROM)
Access time	135ms (DVD-ROM)
Buffer size	512KB

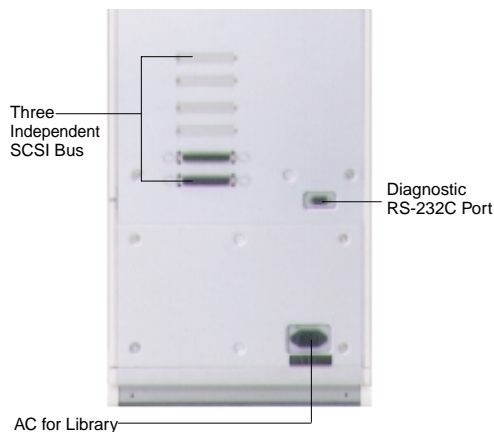
### Optional CD-R Drive (MC-R18U) and CD-ROM Drive (MC-D32U)

Product	CD-R Drive (MC-R18U)	CD-ROM Drive (MC-D32U)
General	CD-R/RW	CD-ROM
Compatible media types	CD-DA CD-ROM (Mode1) CD-ROM XA (Mode 2, Form 1&2) Photo CD, Video CD	CD-DA CD-ROM (Mode 1&2) CD-ROM XA (Mode 2, Form1&2) Photo CD, CD-1
Data transfer	3.0 MB/s (20X read) 1.2 MB/s (8X write)	4.8 MB/s (32X read)
Access time	170ms (CD)	85 ms (CD)
Buffer size	4 MB	512KB

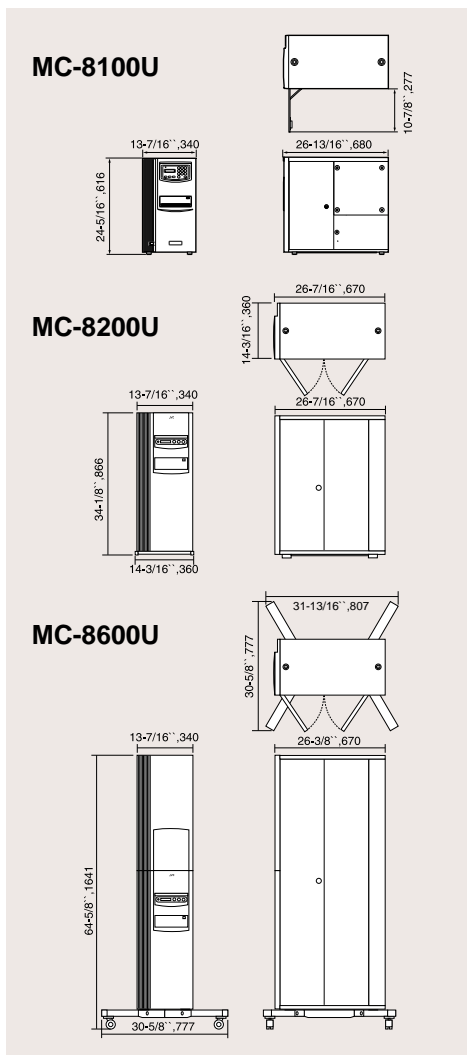
### Optional Printer (MC-AP30U)

Type	Disc printer
Print method	Parallel color inkjet printer
Ink	Ink cartridge :BLK/Y/M/C (exclusive)
Resolution	720dpi
Applicable discs	Printable Inkjet CD and DVD media
Driver software	Provided (Requires Windows NT V4.0 Service Pack 3 or higher)
Interface	Centronics compliant, parallel
Dimensions(WxHxD)	15-7/8 x 11 x 6-15/16 inches (402 x 278 x 175 mm)
Weight	15.5 lbs (7 kg)
Power source	120 to 240 V AC, 50/60Hz

## REAR PANEL



## Dimensions (Inches, mm)



# JVC

JVC VICTOR COMPANY OF JAPAN, LIMITED

Web sits: <http://www.jvc.com/pro>  
<http://www.jvcpro.co.uk>  
<http://www.jvcpro.de>

DISTRIBUTED BY

Design and specifications subject to change without notice.



Certificate No. EC96J1049



ISO9001/No. FM26586

The Hachioji Plant of Victor Company of Japan, Ltd., has received ISO 14001 Certification under the global standard for environmental management.

Printed in Japan  
 SCKN-5602  
 MC8000SA5602