

JVC®

The Perfect Experience / —

PROFESSIONAL DVD RECORDER

BD-X201M

High-resolution video recording with easy operation and a wide range of interfaces



The ideal professional archiving solution, this compact, pro-standard DVD recorder features high-resolution video recording and high-speed search

- High-quality picture circuitry developed for professional video recorders
- Customizable menu
- Direct recording to DVD-R/RW
- Conforms to IEC60601-1 medical standards

Take advantage of pro-standard DVD performance and convenience with this compact, easy-to-use DVD archiving solution.

In addition to high-resolution DVD recording capability, this compact professional-standard DVD recorder features a wide range of interfaces together with a powerful suite of authoring, encoding, layout and design capabilities that make it easy for anyone to create archive-quality DVDs. Compatible with most existing video systems, the BD-X201M is ideal for use in industrial, scientific and medical applications.

High-quality picture circuitry developed for professional VTRs
Developed to ensure maximum image quality in professional video recorders, this circuitry accurately records original image information without degradation. Up to four hours of recording is possible with high resolution pictures.

Direct recording to DVD-R/RW
Logos and company or hospital titles can be inserted in the main menu without going through complicated authoring procedures.

Customizable menu
Patient reference numbers and dates can be entered easily.

Crash protection
To ensure reliable, trouble-free recording, a built-in crash recovery function restores any damaged data on the disk in the event of a power failure.

*Data recovery may not be possible in some cases depending on the disc.
Test the Crash Recovery Function to ensure reliable disc recovery.

Excellent compatibility
Disks recorded in the DVD-Video format can easily be played back on a standard consumer DVD player or PC.

Compact design
With a height of only 2U and taking up only the half the width of a standard EIA rack, this recorder can easily be installed on various medical equipment carts or racks including medical ultrasound systems.

- Other features**
- Video I/O: Composite, S-Video, DV
 - Video bit rate: 2 to 14 Mbps with unique UXP mode (14 Mbps) for highest picture quality recording
 - Audio encode system: LPCM, Dolby Digital (NTSC), MPEG-1 Layer II (PAL)
 - NTSC/PAL switchable (no conversion capability)
 - External control: RS-232C (SVO-9500MD compatible), Foot pedal, IEEE1394
 - Original menu authoring: Original "Easymenu" software for Windows/Mac can be downloaded from the URL shown below
- <http://www.jvc-victor.co.jp/english/pro/prodv/download/index.html>

Specifications

Recording format	DVD Video Version 1.1
Disc format	ISO9600 compatible UDF
Recordable media	DVD-R For General Version 2.0 (12 cm: 4.7 GB) DVD-RW Version 1.1 (x2, x4) (Video mode only)
Recording signals	Must conform to DVD Video Forum
VIDEO SIGNALS	
Line input	1.0 V (p-p), 75 ohms, unbalanced
Y/C input	Y signal = 1.0 V (p-p), 75 ohms, unbalanced C signal = 0.286 V (p-p), 75 ohms, unbalanced (NTSC) C signal = 0.3 V (p-p), 75 ohms, unbalanced (PAL)
Line output	1.0 V (p-p), 75 ohms, unbalanced
Y/C output	Y signal = 1.0 V (p-p), 75 ohms, unbalanced C signal = 0.286 V (p-p), 75 ohms, unbalanced (NTSC) C signal = 0.3 V (p-p), 75 ohms, unbalanced (PAL)
Encoding format	ISO/IEC13818-2 (MPEG-2 video)
Quantization	8-bit
Sampling rate	13.5 MHz
AUDIO SIGNALS	
Line input	-8 dBs, 10 k-ohms minimum, unbalanced +4 dBs, high impedance, unbalanced
Line output	-8 dBs, 1 k-ohm minimum, unbalanced
Standard level	-20 dBFS
Dynamic range	85 dB
Recording format	LPCM/DOLBY DIGITAL/MPEG-1 Layer II (PAL only)
Quantization	16-bit
Sampling rate	48 kHz
Number of channels	2
GENERAL	
Foot switch terminal	3.5 mm monaural mini jack (Open/Short control operation follows menu settings.)
Network terminal	RJ-45 (Category 5), 100 BASE-TX x1
RS-232C terminal	D-sub 9-pin
IEEE1394 terminal	4-pin (Slave)
USB terminal	USB 1.1 x 2 (for mouse and keyboard)
Power supply	AC 100 V to 240 V, 50 Hz/60 Hz
Power consumption	1.0 A to 0.45 A
Weight	4.8 kg (device only)
Dimensions (W x H x D)	212 mm x 352 mm x 88 mm (not including feet and other protrusions)
Operating temperature	5 °C to 35 °C
Operating humidity	20% to 80% RH
Storage temperature	-20°C to 60°C
Storage humidity	5% to 80% RH

- Recommended media DVD-R for General Ver. 2.0: JVC (x2, x4)
DVD-RW Ver. 1.1: JVC (x2, x4)

* Windows is a registered trademark of Microsoft Corporation.

* Mac is a registered trademark of Apple Computer, Inc.

* 'Dolby Digital' is a registered trademark of Dolby Laboratories Licensing Corporation.

Rear Panel



Design and specifications subject to change without notice.

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■ Professional Systems company of Victor Company of Japan, Ltd. has received ISO14001 and ISO9001 Certifications under the global standard for environmental management.

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