

The
Inventor
of VHS

JVC®

HM-DH30000U

D-VHS HDTV DIGITAL RECORDER

D VHS MTP
NTSC

D THEATER

FULL SPEC
HDTV
COMPATIBLE

HDVideo



- Digital Set-Top Box Ready with Digital-to-Digital Connection via i.Link (IEEE1394) Terminal
- 4-Hr. HDTV Digital Broadcast Bitstream Recording/Playback with HS Mode
- MPEG2 Decoder Built-in for direct connection to HDTV
- Can Record Any Type of Broadcast including HD, SD or Analog
- MPEG2 CODEC (encoding/decoding) for digital recording of analog NTSC sources
 - 4-Hr. Digital Recording in HD Mode*
 - 8-Hr. Digital Recording in STD Mode
 - 24-Hr. Digital Recording in LS3 Mode
 - Frame Synchronizer removes jitter from analog input sources
- 5.1ch Dolby Digital/2ch Linear PCM Audio Optical Output

*Recorded signal will be 480i

- DV Input (i.Link, IEEE1394) for DV-» MPEG2 conversion recording from DV source (STD/LS3 recording modes)
- Digital Shuttle Search: 6x(HS), 12x(STD), 36x(LS3)
- Multi-Format Recording/Playback Compatibility: D-VHS (HS/STD/LS3), S-VHS (SP/EP), S-VHS ET (SP/EP), Hi-Fi VHS (SP/EP), VHS (SP/EP)
- Super VHS with DigiPure for high resolution analog recording/playback

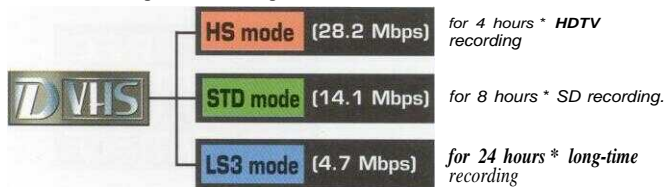


Excite your senses.

D-VHS Format

D-VHS is a totally digital recording format, separate from analog S-VHS and VHS. You can use it to record from HD (high definition) digital sources at 28.2 Mbps (HS mode) and maintain all the quality of the original. The 50 Gigabyte high capacity of the D-VHS tape* will let you fit an entire HD feature film broadcast on a single cassette with room to spare. You can also record an SD (standard definition) digital broadcast as-is at 14.1 Mbps (STD mode), or convert analog NTSC broadcasts to digital and record them at 4.7 Mbps to store 24 hours* of programming on a single cassette.

HM-DH30000 Digital Recording Modes



* Per DF 480 cassette
Mbps = Mega bits per second

Full Spec HDTV Compatible

The HM-DH30000's D-VHS recording formats offer compatibility with all 18 ATSC broadcasting formats. With the D-VHS HS mode (28.2 Mbps) and the overwhelming data storage capacity of a D-VHS cassette (50 Gigabytes), the HM-DH30000 will let you record high definition sources including 1080i or 720p ATSC broadcasts* and maintain all of their original quality. The STD mode (14.1 Mbps) can be used to record SD sources such as 480p** and 480i ATSC broadcasts. And with the built-in MPEG2 encoder you will also be able to make digital recordings from analog NTSC sources in the HS***, STD or LS3 mode. Throughout the full spectrum of format specifications, the HM-DH30000 assures full access and full enjoyment.

*Requires compatible set-top box with IEEE 1394 connection
**Depending on the bit rate. HS mode may be applicable
*** Recorded signal will be 480i

Multi-Format Recording/Playback Compatibility

Where versatility is concerned, the HM-DH30000 knows no peer. With three D-VHS recording modes the HM-DH30000 covers a wide range of digital recording needs. And to make sure you can continue enjoying your collection of analog VHS tapes, this deck also supports Super VHS, Super VHS ET and VHS recording and playback. Protect your home entertainment assets with the HM-DH30000 and enjoy the past, present and future of video.

5.1ch Dolby Digital/2ch Linear PCM Audio Optical Output

The 5.1ch Dolby Digital Output is capable of transferring signals at 640 kbps for enjoyment of Dolby Digital surround at full-spec performance. The connectors are optical to assure high quality audio reproduction through your audio system. 2ch Linear PCM Audio Output capability allows high quality audio performance even if your audio systems doesn't have a Dolby Digital decoder.

E. & O. E. Design and specifications subject to change without notice. It should be noted that it may be unlawful to re-record pre-recorded tapes, records, or discs without the consent of the owner of copyright in the sound or video recording, broadcast or cable program and many literary, dramatic, musical, or artistic work embodied therein.

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Notice: The i.LINK/DV connection of this product conforms to EIA 775 A "DTV 1394 Interface" Specification, dated April 2000 (the "Specification"). Use of this product with any other product, device, component, part or material that is not in conformity with the Specification, or that implements with Specification in a non-conforming manner with this product, may not be supported and may cause damage to or malfunction of this product. Any use of this product with a non-conforming or non-compatible product, device, component, part or other material shall be at the user's sole and exclusive risk. All trademarks or registered trademarks are the property of their respective owners.

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MPEG2 Decoder Built-in for Direct Connection to HDTV

Converts a recorded MPEG2 signal into Component output signals (Y/PB/PR) to allow direct connection to an HDTV equipped with Component input terminals.

Playback Picture Format Converter

You can choose the output format that matches your current home theater environment, as well as any system upgrades you make later on.

Recorded Format	Selectable Playback Output
1080i	1080 / 480i
720p	1080 / 720p / 480i
480p	480p / 480i
480i	480i

Video Navigation

Have an easy time finding what you want to watch.

- **Tape Number Sorting**
Looks for a tape by its number and displays the tape title you've input for it.
- **Rec Date Sorting**
Lists programs by the date they were recorded on.
- **Category Sorting**
Programs can be categorized into 15 different types, such as movies and sports.

D-Theater Ready

D-VHS VCRs bearing the D-Theater logo are compliant with the advanced D-VHS security system developed by JVC in order to protect the high value of digital content such as HD software. In addition to recording and playback of HD broadcasts, the HM-DH30000 is D-Theater compatible in order to allow playback of prerecorded HD tapes in the future if and when they become available.

OTHER FEATURES

- **Digital Set-Top Box Ready** with Digital to Digital Connection via i.Link (IEEE 1394) Terminal
- **DV Input (i.Link, IEEE1394)** for DV-MPEG2 conversion recording
- **Frame Synchronizer** for pristine analog-to-digital dubs
- **MTS Decoder for SAP Programs**
- **VCR Plus+ with Provided Cable Box Controller**
- **Express Programming**
- **Plug & Play** for automatic tuner and clock set up
- **Auto Daylight Saving Time**
- **1-Year/24-Event Programmable Timer**
- **Active Video Calibration (S-VHS/VHS)**
- **Picture Control (S-VHS/VHS)**
- **Auto SP>EP Timer Recording (S-VHS/VHS)**
- **Auto Head Cleaner**
- **Repeat Playback (up to 50 times)**
- **Remote Pause**
- **J-Terminal**
- **AV Compu Link**

SPECIFICATIONS

	D-VHS Recording	S-VHS/VHS Recording
Recording format	D-VHS MPEG2 HS/STD/LS3 modes	S-VHS/VHS with HiFi Audio
Channel reception	VHF 2-13, UHF 14-69, CATV 113 channels	
Cassette	D-VHS, S-VHS, VHS cassettes (D-VHS cassette required for D-VHS recording)	
Max. recording/playback time	HS mode: 4 hours* STD mode: 8 hours* LS3 mode: 24 hours* * using DF-480 cassette	SP mode: 3 hrs 30 min * EP mode: 10 hrs 30min * *using ST-210 cassette
Tape speed	HS mode: 33.4 mm/sec STD mode: 16.67 mm/sec LS3 mode: 5.55 mm/sec	SP mode: 33.4 mm/sec EP mode: 11.1 mm/sec
Analog inputs	AV x 3, S-Video x 3 (including front)	
Analog outputs	AV x 2, S-Video x 2, Component Video x 1 (Y/Pb/Pr)	
Optical digital out	x 1 (5.1ch Dolby Digital / 2ch Linear PCM Audio)	
i.Link terminal	x 2 (4 pin MPEG2 in/out DV in) (including front)	
Other connectors	JLIP x 1, Remote pause/AV Compu Link x 1	
Dimensions (W x H x D)	17 15/16 x 4 3/16 x 13 5/8 (455mm x 105mm x 345mm)	
Weight	13.3 lb (6.0kg)	

JVC Home Page <http://www.jvc.com/>

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