

JVC

The Perfect Experience

D-VHS RECORDER

SR-VD400

Professional High-Definition Delivery System



1080i

Delivering original D-VHS quality recording, editing and playing in a cost-effective solution

JVC's professional HDTV SR-DV400 is a remarkably cost-effective high-definition recording system in a full-featured package. Using the D-VHS SR-DV400, demanding broadcast, video production, motion picture, and education professionals can share work in progress and completed videos. JVC's SR-DV400 also solves compatibility issues by using the 1080i format, which delivers images of breath-taking clarity, and is rapidly becoming the universal language for high-definition deliver systems. The result — the ultimate, yet affordable, professional distribution solution, only from JVC.



Record HDTV

The SR-DV400 will let you record HDTV broadcasts and maintain all their original quality.

FULL SPEC HDTV COMPATIBLE

The SR-DV400's D-VHS recording modes offer compatibility with ATSC MPEG-2 broadcasting formats. With the 28.2 Mbps D-VHS HS mode and the overwhelming 50 Gigabyte data storage capacity of a DF-480 D-VHS cassette, the SR-DV400 will let you record high definition sources including 1080i or 720p digital broadcasts* and maintain all of their original quality. The 14.1 Mbps STD mode can be used to record SD sources such as 480p** and 480i digital broadcasts. With the built-in MPEG-2 encoder you will also be able to make digital recordings from analog NTSC sources in the high quality HS***, STD, or extended-time LS3 or LS5 modes.

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

HDTV Compatible MPEG-2 HD Decoder

The SR-DV400 is equipped with a built-in MPEG-2 HD Decoder which converts recorded MPEG-2 signals into Component output signals (Y/PB/PR). This will allow you to hook-up directly to an HDTV or projector equipped with Component input terminals and easily enjoy hi-res images.

5.1ch Dolby Digital and 2ch PCM Audio Output

D-THEATER HD software delivers powerfully realistic home theater sound because D-VHS's audio data transfer rate accommodates 576 kbps, close to the full-spec transfer rate of 5.1ch Dolby Digital. So while other formats may offer 5.1ch surround, only D-VHS can bring out all of the subtle nuances and dynamic impact of those 5.1ch movie soundtracks. Downmixed 2ch Linear PCM output is also supported in case your audio system doesn't have a Dolby Digital decoder. Either way, the optical output makes it easy to connect and enjoy superior audio performance on your theater system.

Ultimate Home Theater Centerpiece

HDTV Component Output

Component output (Y/PB/PR) terminals let you connect to an HDTV or projector equipped with Component input, so you can enjoy the full quality of D-THEATER software as signals are decoded by the built-in MPEG-2 HD Decoder.

Multi-Format Compatible

Where versatility is concerned, the SR-DV400 knows no peer. With four D-VHS recording modes, the SR-DV400 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 SR-DV400, and enjoy the past, present and future of video.

Versatile D-VHS Viewing Features

The SR-DV400 supports convenient tape access functions like Chapter Search* to take you directly to a particular segment. Closed Caption* support lets you display subtitles in multiple languages*, and you can even listen to the dialog in the language of your choice.*

*Possible if data exists on the D-THEATER software being played back.

A Host of High-Value Functions

i.LINK Terminal

This IEEE1394 compliant digital interface allows the connection of a digital set-top box* or HD and SD camcorder for the transfer and recording of HD and SD digital signals.

*For compatible brands, please consult an authorized JVC dealer.

DV and MPEG Input

Copy-free Digital-to-Digital dubbing is easy with direct digital connection of standard definition 480i, converting DV to MPEG-2 and receiving Transport Stream HD MPEG-2 from camcorders or PCs via the IEEE 1394 i.LINK connection.

TBC and 3-Dimensional Digital Noise Reduction for Pristine Analog-to-Digital Dubs

When dubbing, the high quality digital dubs can actually appear to surpass the original's quality. It applies Frame Synchronization to correct frame crossover jitter and Time Base Correction to precisely stabilize the video signal to conform accurately to the NTSC signal standard. Its Motion Compensating Noise Reduction is a new 3-Dimensional Digital Noise Reduction that cleans both still and moving parts of video pictures of noise without after-images and ghosting.

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.

Video Navigation

Finding what you want to watch from up to 1000 titles is easy, with Library and Search functions, plus more.

And Much More...

- MTS Decoder for SAP Programs
- Hi-Fi VHS Stereo
- VCR Plus+ with Provided Cable Box Controller*
- Express Programming
- Plug & Play
- Auto Daylight Saving Time
- Skip Search and Shuttle Search x11 SP
- Fast 100 Sec. FF/REW for T-120
- 1-Year/24-Event Programmable Timer
- Rec Link**
- Active Video Calibration

- Picture Control
- Auto SP→EP Timer Recording
- Auto Head Cleaner
- Repeat Playback***
- Remote Pause
- J-Terminal
- AV Compu Link

*For compatible brands please consult your JVC dealer.
**External unit must be equipped with timer.
***Not possible in LS3/LS5 modes.



SPECIFICATIONS

GENERAL

Power requirement	AC 120V, 60 Hz
Power consumption	
Power on	42 W
Power off	18 W
Temperature	
Operating	5°C to 40°C (41°F to 104°F)
Storage	-20°C to 60°C (-4°F to 140°F)
Operating position	Horizontal only
Dimensions (W x H x D)	435 mm x 94 mm x 383 mm (17-3/16" x 3-3/4" x 15-1/8")
Weight	5.5 kg (12.2 lbs)
Maximum recording time	
D-VHS (HS)	210 min. with DF-420 video cassette
D-VHS (STD)	420 min. with DF-420 video cassette
D-VHS (LS3)	1260 min. with DF-420 video cassette
D-VHS (LS5)	2100 min. with DF-420 video cassette
S-VHS/VHS (SP)	210 min. with ST-210 video cassette
S-VHS/VHS (EP)	630 min. with ST-210 video cassette

VIDEO/AUDIO (D-VHS)

Video format	MPEG-2 standard
Audio format	Encode MPEG-1 Layer2 Decode MPEG-1 Layer2/Dolby Digital/LINEAR PCM (HS/STD)
Track composition	
Tape speed	33.4 mm/sec. (HS mode) 16.67 mm/sec. (STD mode) 5.55 mm/sec. (LS3 mode) 3.33 mm/sec. (LS5 mode)
Head azimuth	±30 deg
Drum rotation	1800 rpm
Tracking system	CTL track system
Recording specification	
Main data input rate	28.2 Mbps (HS mode) 14.1 Mbps (STD mode) 4.7 Mbps (LS3 mode) 2.8 Mbps (LS5 mode)
Interface	IEEE1394 compliant DTPC digital copy protection compatible

VIDEO/AUDIO (S-VHS/VHS)

Format	S-VHS/VHS NTSC standard
Signal system	NTSC-type color signal and EIA monochrome signal, 525 lines/60 fields
Recording/Playback system	DA-4 (Double Azimuth) head helical scan system
Signal-to-noise ratio	45dB
Frequency range	
Normal audio	70 Hz to 10,000 Hz
Hi-Fi audio	20 Hz to 20,000 Hz

TUNER

Tuning system	Frequency-synthesized tuner
Channel coverage	
VHF	Channels 2-13
UHF	Channels 14-69
CATV	113 Channels

TIMER

Clock reference	Quartz
Program capacity	1-year programmable timer/24 programs
Memory backup time	Approx. 10 min.

CONNECTORS

Input/Output	i.LINK IN/OUT (DV IN) x 2 (4-pin, S400) RCA connectors (IN x 3, OUT x 2) S-video connectors (IN x 3, OUT x 2) Component video OUT (Y, Pb/Cb, Pr/Cr) x 1 Digital OUT (optical) x 1
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ACCESSORIES

Provided accessories	Infrared remote control unit, "AA" battery x 2, Audio cable, RF cable (F-type), S-video cable (4-pin), Controller
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Specifications shown are for SP mode unless specified otherwise. E. & O.E. Design and specifications subject to change without notice.

REAR PANEL



SR-VDA300 PRO HD RECORDER · PLAYER



Front



Rear

* Purchase requires an individual contract between JVC and the end-user. The terms of this contract cover the intended usage of the recorder. For details, contact JVC authorized dealer or sales office (in your country).

JVC®

DISTRIBUTED BY

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