

# JVC®

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TENTATIVE

## DR-DX5SU

### HDD/DVD/MiniDV Video Recorder Combo

HDD+DVD+MiniDV Triple Recorder with 250GB HDD, featuring 6-Way Dubbing, Bit-Rate Optimizer, High-Speed Dubbing (Max. 64x), and Super MPEG Encode Pre- & Post-Processors

#### Basic Features:

- Playable Formats: MiniDV, HDD, DVD-Video, DVD-RAM, DVD-RW, DVD-R, CD, SVCD, VCD, CD-R/RW, WMA/MP3/JPEG Digital Still (CD-R/RW)
- Recordable Formats: MiniDV, HDD, DVD-RAM, DVD-RW (VR and Video Formats), DVD-R
- 250GB HDD (Up to 473 Hrs. Recording)
- Progressive Scan Output
- i.LINK Connection (DV Input for HDD/DVD/MiniDV, DV Output for MiniDV)
- VCR Plus+ (HDD/DVD)
- Dolby Digital/DTS/MPEG Digital Output (HDD/DVD)
- Component Video Output



#### Product Highlights:

##### High-Quality Picture

- DV-Format Recording (MiniDV)
- Bit-Rate Optimizer (Intelligent Dual-Pass Encode Dubbing System) (HDD-->DVD)
- Motion Active Progressive Scan Output (for Video Source)
- Digital Direct Progressive Scan Output (for Film Source)
- Super MPEG Encode Pre-Processor: Time Base Corrector, Frame Synchronizer and Motion Active Noise Reduction
- Super MPEG Post-Processor: Block Noise Reduction Circuit, Color DigiPure and Hadamard Noise Reduction System

##### Recording/Viewing

- 16-Hour DVD Recording (on Double-Sided Disc)
- Live Memory (HDD/DVD-RAM)
- Simultaneous Recording and Playback (HDD/DVD-RAM)
- Relief Recording (HDD)
- Linear PCM Audio Recording (XP Mode Only)
- 1.5x Quick Playback with Sound (HDD)

##### Editing/Dubbing

- 6-Way Dubbing
  - Freezeless Editing for DVD Disc (HDD-->DVD)
  - High-Speed Dubbing, Max. 64x (HDD-->DVD)
  - Playlist-Based Editing (HDD/DVD)
  - Just Dubbing (HDD-->DVD)
  - Easy Program Dubbing (HDD/DVD)
- ##### User-Friendly
- Library Database DVD Navigation
  - Animated Thumbnail on HDD/DVD Navigation (DVD-RAM/DVD-RW VR Format)
  - High-Resolution GUI (English/French/Spanish)
  - DVD-R Menu Screen with Thumbnail (18 Designs)

# DR-DX5SU

## HDD/DVD/MiniDV Video Recorder Combo

Triple Recorder Combos	
<b>MECHANISM/SERVO</b>	
<b>Playable Formats:</b>	
DVD-Video	Yes
DVD-RAM / -RW (VR & Video) / -R (VR & Video) / +RW / +R	
DVD-RAM / -RW (VR & Video) / -R / +RW / +R	
DVD-RAM / -RW (VR & Video) / -R	Yes/Yes/Yes
CD-DA	Yes
CD-R/RW	Yes
SVCD/VCD	Yes/Yes
MP3 (CD-R/RW)	Yes
WMA (CD-R/RW)	Yes
JPEG (CD-R/RW)	Yes
<b>Recordable Formats:</b>	
DVD-RAM / -RW (VR & Video) / -R (VR & Video)	Yes/Yes/Yes
DVD-RAM / -RW (VR & Video) / -R	Yes/Yes/Yes
<b>HDD Capacity</b>	250GB
<b>PAL Playback on NTSC TV</b>	Yes (DVD)
<b>AUDIO</b>	
<b>Output Level</b>	2.0V RMS (HDD/DVD)
<b>Recording Audio Formats</b>	Dolby Digital/Linear PCM (XP Mode Only) (HDD/DVD) ; PCM 48/32kHz (MiniDV)
<b>Audio D/A Converter</b>	192kHz/24-bit (HDD/DVD)
<b>Dolby Digital/DTS/MPEG Digital Out</b>	Yes/-/Yes (HDD) ; Yes/Yes/Yes (DVD)
<b>Virtual Surround</b>	Yes (DVD)
<b>Audio Dubbing (12-bit x 2-Channel)</b>	Yes (MiniDV)
<b>VIDEO</b>	
<b>Horizontal Resolution (Recording and Playback: XP/SP)</b>	Approx. 500 Lines (HDD/DVD)
<b>Recording Video Formats</b>	NTSC MPEG-2 (HDD/DVD) ; NTSC DV (MiniDV)
<b>Recording Time (Approx.):</b>	
DV	
XP	53 Hours (HDD) ; 1 Hour (DVD)
SP	109 Hours (HDD) ; 2 Hours (DVD) ; 80 Minutes (MiniDV, DV80 Tape)
LP	218 Hours (HDD) ; 4 Hours (DVD) ; 120 Minutes (MiniDV, DV80 Tape)
EP	328 Hours (HDD) ; 6 Hours (DVD)
FR	53-473 Hours (63-Step) (HDD) ; 1-8 Hours (63-Step) (DVD)
<b>Video D/A Converter</b>	10-bit/54MHz (HDD/DVD)
<b>Progressive Scan Output:</b>	
Film Source	Digital Direct Progressive Scan (HDD/DVD)
Video Source	Motion Active Progressive Scan (HDD/DVD)
<b>Super MPEG Encode Pre-Processor:</b>	
Time Base Corrector	Yes (HDD/DVD)
Frame Synchronizer	Yes (HDD/DVD)
Motion Active Noise Reduction	Yes (HDD/DVD)
<b>Super MPEG Post-Processor:</b>	
Block Noise Reduction Circuit	Yes (HDD/DVD)
Color DigiPure	Yes (HDD/DVD)
Hadamard Noise Reduction System	Yes (HDD/DVD)
<b>Live Memory</b>	Yes (HDD/DVD-RAM)
<b>Playback during Recording</b>	Yes (HDD/DVD-RAM)
<b>RetroActive Recording Relief Recording</b>	Yes (HDD)
<b>B.E.S.T. Picture</b>	
<b>Auto 16:9 Record &amp; Playback</b>	Yes (HDD/DVD/MiniDV)

EDITING/DUBBING	
<b>6-Way Dubbing</b>	Yes (HDD/DVD/MiniDV)
<b>Bit-Rate Optimizer (Intelligent Dual-Pass Encode Dubbing System) (HDD-&gt;DVD)</b>	Yes
<b>HDD-&gt;DVD High-Speed Dubbing</b>	
Max. 64x	Yes (RAM 5x, -RW 4x, -R 8x)
Max. 32x	
<b>One-Touch Expert Dubbing (VHS-&gt;DVD)</b>	
<b>Auto Recording Mode Optimiser (VHS-&gt;DVD)</b>	
<b>Auto Blank-Cut Dubbing (VHS-&gt;HDD/DVD)</b>	
<b>Auto Thumbnail Creation Dubbing (VHS-&gt;HDD/DVD)</b>	
<b>Freezeless Editing for DVD Disc (HDD-&gt;DVD)</b>	Yes
<b>Playlist-Based Editing</b>	Yes (HDD/DVD)
<b>Insert Editing</b>	Yes (MiniDV)
<b>DVD-R Menu Screen with Thumbnail (18 Designs)</b>	Yes
<b>PLAYBACK FUNCTION</b>	
<b>Library Database DVD Navigation</b>	Yes (Max. 600 Discs/2,000 Titles)
<b>Animated Thumbnail on HDD/DVD Navigation</b>	Yes (HDD) ; Yes (DVD-RAM/DVD-RW VR)
<b>1.5x Quick Playback with Sound</b>	Yes (HDD)
<b>360x High-Speed Visual Search (HDD)</b>	
<b>Variable Search (Forward/Reverse)</b>	+/-4 Steps (HDD/DVD) ; +3 Steps (MiniDV)
<b>Variable Slow (Forward/Reverse)</b>	+/-3 Steps (HDD/DVD) ; +/-1 Steps (MiniDV)
<b>Natural Reverse Playback (-1x)</b>	Yes (HDD/DVD)
<b>Time Skip</b>	Yes (15 Min./30 Min./1 Hr.) (HDD/DVD)
<b>Quick Skip (30-Sec. FWD Skip)</b>	Yes (HDD/DVD/MiniDV)
<b>One-Touch Replay</b>	Yes (7 Sec.) (HDD/DVD/MiniDV)
<b>Resume Function</b>	Yes (with Title) (HDD) ; Yes (DVD-Video: 30-Disc/DVD-VR: On Library) (DVD)
<b>Number of Titles</b>	200 (HDD) ; 99 (DVD)
<b>SQPB</b>	
<b>FF/REW Speed</b>	100 Sec. (MiniDV)
<b>Next Function Memory</b>	Yes (REW->PLAY, EJECT) (MiniDV)
<b>TUNER</b>	
<b>Twin Tuner</b>	
<b>Broadcast Standard</b>	
<b>Stereo Decoder</b>	
<b>MTS Decoder</b>	Yes (HDD/DVD)
<b>Channel Storage</b>	181 ch (HDD/DVD)
<b>Plug &amp; Play</b>	Yes
<b>Auto PGC/VPS</b>	
<b>T-V Link</b>	
<b>TIMER</b>	
<b>Timer Program</b>	1-Year/32-Program (HDD/DVD)
<b>EPG (Electronic Program Guide)</b>	
<b>ShowView</b>	
<b>VCR Plus+</b>	Yes (HDD/DVD)
<b>Rec Link</b>	
<b>Permanent Program Memory</b>	Yes (HDD/DVD)
<b>TERMINALS</b>	
<b>Front:</b>	
S-Video In	Yes (HDD/DVD/MiniDV)
Composite In	Yes (HDD/DVD/MiniDV)
Audio L/R In	Yes (HDD/DVD/MiniDV)
<b>Rear:</b>	
RF In/Out	Yes/Yes (w/o Converter) (HDD/DVD)
Component Out	Yes (HDD/DVD)
S-Video In/Out	Yes (1) /Yes (2: HDD/DVD/DV x 1; HDD/DVD x 1)
Composite In/Out	Yes (1) /Yes (2: HDD/DVD/DV x 1; HDD/DVD x 1)
Audio L/R In/Out	Yes (1) /Yes (2: HDD/DVD/DV x 1; HDD/DVD x 1)
Optical Digital Out	Yes (HDD/DVD)

Coaxial Digital Out	Yes (HDD/DVD)
<b>DV In/Out</b>	Yes/- (HDD) ; Yes/- (DVD) ; Yes/Yes (MiniDV)
<b>G-LINK (3.5 Mini)</b>	
<b>SAT Control (3.5 Mini)</b>	
<b>DBS/Cable Box Control (3.5 Mini)</b>	
<b>MISCELLANEOUS</b>	
<b>On-Screen Display:</b>	
GUI (Graphical User Interface)	Yes (HDD/DVD/MiniDV)
On-Screen Language	Eng./Fre./Spa.
<b>Remote Control</b>	Yes (Multi-Brand)
<b>GENERAL</b>	
<b>Power Backup Time</b>	60 Min.
<b>Power Requirements</b>	AC 120V/60Hz
<b>Power Consumption:</b>	
Power On	49.0W
Standby	12.0W
<b>Dimensions (W x H x D):</b>	
inches	17-3/16 x 3-13/16 x 15-1/8
mm	435 x 96 x 383
<b>Weight</b>	
lbs.	14.1
kg	6.4

### Foot Notes

DVD-RAM cartridges not supported.

Notice: The non-DVD side of a 'DualDisc' does not comply with the 'Compact Disc Digital Audio' standard. Therefore, use of the non-DVD side of a DualDisc on these products is not recommended.