



JVC DR-HD100

Weighing less than one pound and only 1.5 inches thick, the JVC DR-HD100 Portable DTE Recorder brings Direct To Edit® recording technology to your HDV handheld camcorder. Whether it's mounted directly to your JVC GY-HD100 ProHD camcorder or clipped to your belt, the JVC DR-HD100 is designed to excel in the field.

JVC DR-HD100 Portable DTE Recorder

The JVC DR-HD100 interfaces with your JVC GY-HD100 ProHD camcorder using a single FireWire cable that passes audio, video, timecode, and control information, allowing you to simultaneously record to disk and tape in HDV or DV mode. It also provides a comprehensive backlit display, menu system, and buttons to give you easy control and management.

Robust Storage and Management

The JVC DR-HD100 comes standard with a 40GB hard drive for three hours of recording time (about four hours in HD 720p mode) and is available with an 80GB hard drive for six hours of recording time (about eight hours in HD 720p mode). You can also extend recording time by linking multiple JVC DR-HD100 units together. A 10-second electronic shock cache ensures that you never lose footage, even in the roughest of conditions. And the JVC DR-HD100 makes it easy to categorize clips by placing them in prenamed folders on the disk while you shoot.

Nonlinear Editing System Compatibility

No matter which nonlinear editing (NLE) system you have, the JVC DR-HD100 has you covered. When in DV mode, files are recorded to disk as RawDV, AVI Type 1, AVI Type 2, AVI Type 2 24p, Matrox AVI, Canopus AVI, QuickTime, QuickTime 24p, Avid OMF, or Pinnacle AVI, or to 720p MPEG-2 transport streams (.m2t) when in HD mode. When working with DV clips, simply connect the JVC DR-HD100 to your Mac or PC editing system in the same way you would connect a FireWire hard disk drive and you are instantly ready to edit. No capturing, no file transfer, no file conversion. Just shoot and edit. When working in HD mode, you're able to work with a growing list of compatible NLE systems.

Perfect for the Field

With a removable, rechargeable battery and advanced features such as time lapse*, retro disk recording, and scene marking, the JVC DR-HD100 Portable DTE Recorder is the perfect DTE companion for handheld shoots. When used with specific GY-HD100 camcorders, the DR-HD100 even offers multiple control modes from the camcorder, status in the camcorder's viewfinder, and special control modes. When on location, the power, flexibility, and field upgradability of the DR-HD100 make it second to none.

* Available only in DV mode.

Applications

- Athletics
- Broadcasting
- Corporate and Industrial Production
- Education and Training
- Events and Entertainment
- Government
- Healthcare
- Independent Film
- Security and Surveillance
- Video Production
- Weddings and Events
- Worship



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The Direct To Edit Advantage

With the JVC DR-HD100 Portable DTE Recorder, you'll go from acquisition to editing with unparalleled speed, efficiency, and reliability. Designed especially for the JVC GY-HD100 ProHD camcorder and compatible with most third party editing software, the DR-HD100 features Direct To Edit (DTE) video recording technology that converts the output from your DV or HDV camcorder or VTR to a nonlinear editing (NLE) format and records it on the internal disk drive. By combining DTE Technology® with advanced caching and redundant tape and disk recording, the DR-HD100 ensures that you never miss an important shot or lose critical footage.

Technical Specifications

MODEL	JVC DR-HD100
Input/Outputs	DV video I/O: 25 Mb/s or 19.7 Mb/s HD MPEG-2 transport stream (1 x 6-pin IEEE-1394) FireWire computer I/F: Up to 400 Mb/s (1 x 6-pin IEEE-1394) GPI and RS-232C control (1 x 3.5mm minijack)
Audio	DV input: Embedded 2-channel (48 kHz, 16-bit) or 4-channel (32 kHz, 12-bit) Note: 4-channel (12-bit, 32 kHz) audio is supported only in DTE Technology with RawDV file format HDV input: Embedded MPEG-1 Audio Layer II
Video	25 Mb/s, 8-bit 4:1:1 (NTSC-DV) 4:2:0 (PAL-DV) video (model dependent) 19.7Mb/s 8-bit HD MPEG-2 transport stream (720p 24/25/30)
Timecode	Embedded timecode (drop or nondrop)
DTE File Formats	RawDV, AVI Type 1, AVI Type 2, AVI Type 2 24p, Matrox AVI, Canopus AVI, QuickTime, QuickTime 24p, Avid OMF, or Pinnacle AVI, or to 720p MPEG-2
Disk	Internal Disk Type: 40GB or 80GB, 5400 RPM, 8MB cache Disk Format: FAT32
OS Compatibility	Windows 98SE, ME, 2000, XP; Mac OS 9, OS X
Power Source	15V DC, 7.5W (estimated) Minijack power connector Custom removable Li-ion rechargeable battery pack (90 minutes estimated run-time)
Dimensions	1.59" x 5.6" x 3.74" (40mm x 142mm x 95mm) (with normal 90-minute battery)
Weight	1 lb. (.45 kg)
Warranty	2 years
Optional Accessories	Additional custom removable Li-ion rechargeable battery pack (90 minutes estimated run-time) High-capacity Li-ion battery (180 minutes estimated run-time) Battery charger Wired remote control unit Camera mount kit

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