JVC ®
PROFESSIONAL

DR-DV5000 will turn your GY-DV5000/5100 or GY-DV500 into a high performance disk based recording solution.

JVC Professional Products is pleased to introduce the DR-DV5000, a dockable Hard Disk Drive (HDD) recorder. Although it functions with all JVC Professional DV camcorders, the DR-DV5000 fully integrates with the GY-DV5100U, providing extensive status information and playback through the viewfinder and LCD display.

The DR-DV5000U records the DV signal onto hot-swappable, HDD enclosures that provide two six-pin IEEE1394 connectors as well as shock and environmental protection to a standard 2.5" compact hard disk. The DR-DV5000U-40 ships with one enclosure loaded with a 40GB hard disk. The combination of the GY-DV5100U and DR-DV5000U provides an astonishing set of production capabilities.

The DR-DV5000U has the unique ability to be pre-configured by the user to record in the native file format of most major non-linear editors (NLE), including Avid Express, Final Cut Pro, Canopus, and Matrox. This way, once field shooting is complete, the hard disk can be directly connected to the NLE (via IEEE 1394)

making the footage and all meta data instantly available without "digitizing" prior to editing. Unlike other disk recording solutions, there are no intermediate steps between shooting and editing.

In addition, when recording to tape, a user can utilize the DR-DV5000 for automatic digital back-up recording, eliminating any chance of losing critical footage.

DR-DV5000 Features:
- Up to 6 hours with 80 GB
- DTE (truly compatible with all DV NLE)
- Full integration with GY-DV5000,GY-DV5100U
- Provides 100% tape backup
- Loop recording
- Time Lapse Recording
- Up to 8 sec retro recording
- Up to 8 sec of shock / gyroscopic protection
- Daisy chain up to seven external drives
- 4-pin XLR power input
- Two 6-pin IEEE1394 ports
- LCD panel

FEATURES

Connects Directly to Your Full-Size Professional JVC DV Camcorder
DR-DV5000 has been designed specifically to connect to your JVC DV-5100, DV-5000 or DV-500. The DR-DV5000 module sits between the rear of the camcorder and the battery. One battery will power the camcorder, the DR-DV5000 module and a FireWire disk drive. I/O between the DV-5000 and DR-DV5000 is done via a 52-pin connector which passes video, audio, timecode and control information. When used with a GY-DV500 or DV-700, I/O between the camcorder and DR-DV5000 is done via a supplied 4-pin to 6-pin FireWire cable.

Integrates With Your Professional DV Camcorder Operation
When using the JVC DV-5100, DV-5000 or DV-500, it is possible to control record and record pause of DR-DV5000 from your camcorder. Timecode generated by your camcorder can be recorded to file on the disk using DR-DV5000. When using a GY-DV5000/5100, DR-DV5000 status and other information appears in the view finder.

Flexible Disk Drive Options
Use DR-DV5000's specifically engineered, shock protected mini drives that fit directly into the drive slot on the unit. Because DR-DV5000 uses removable drives, it is possible to simply swap out drives so the editor can get to work sooner while the camera operator continues to shoot. This solution gives you up to 80GB of disk space per drive in an enclosure only .47" thick. Internal buffer memory and shock proofing on specific DR-DV5000 drives ensures worry free operation. Alternatively, use virtually any FireWire disk drive connected to DR-DV5000 via a standard 6-pin to 6-pin FireWire cable.

Compatible with Popular DV NLE Applications
DTE technology means DR-DV5000 files are recorded in your NLE's native file format.This means no file transfer, no capturing, no rendering. Use DR-DV5000 recorded files instantly with the most popular applications from Adobe, Apple, Avid, Canopus, Matrox, Pinnacle, Sonic Foundry and much more! As new application support is released, you can simply update your DR-DV5000 in the field with new system software.

Long Record Times
Extend your GY-DV5000/5100 or GY-DV500's uninterrupted record time by hours. The DR-DV5000 will accept up to a 80GB FireWire drive internally. That is over 6 hours of DV video! It is also possible to daisy chain up to four external FireWire drives of varying sizes to DR-DV5000 enabling incredibly long record times.

Powerful Disk Utilities
It is possible to partition and format any disk drive, to work with DR-DV5000. It is also possible to delete clips and run a check disk.

LCD Display and Playback Modes
DR-DV5000 features a detailed LCD which displays system mode, timecode, and disk space remaining. When using a JVC GY-DV5000/5100, it is possible to preview clips in the camera's viewfinder or on an external monitor using DR-DV5000's playback mode. Functions include play, pause, stop, forward index, back index, multi speed fast forward and rewind and record.

Retro Loop Record and Time Lapse Recording
DR-DV5000 features a retro loop feature where a recording can begin up to eight seconds before the record trigger button is pushed ensuring no action is missed! It is also possible to do user definable time lapse recording for any user specified time.

Lightweight, Small and Low Power Consumption
Weighing about 2 lbs, and only 4" x 3 1/2" x 5 1/2", DR-DV5000 is very lightweight and small. Power requirements are only about 8.5W.

SPECIFICATIONS

DR-DV5000 Module

General
Power Requirement: DC 12V to 17V
Power Consumption: Approx. 6.5W
Dimensions:
 4" x 2.95" x 5.5"
 (101mm x 75mm x 140mm)
Weight:
 2 lbs. (900 grams)
Temperature:
 Operating: -10°C to +45°(+14° F to 113°F)
 Storage: -30°C to +90°(-22° F to 194°F)

Video: 25mb/s, 8-bit, 4:1:1 (NTSC-DV) or 4:2:0 (PAL-DV)
Audio: Embedded 2-ch (16-bit, 48kHz) or 4-ch (12-bit, 32kHz)
Timecode: Embedded SMPTE or DV drop frame or non drop frame
Disk Format:
 FAT32. Compatible with Windows 98SE, ME, 2000,
 XPand Mac OS9 and OS10
File Formats:
 RawDV, AVI Type 1, AVI Type 2, Canopus AVI,
 Matrox AVI, QuickTime and DV-OMF
Connectors:
 Cam Connection: 52-pin connection
 (includes DV-I/O, data, control and power)
 External DV I/O: 6-pin FireWire
 (isochronous - includes AV/C control)
 External HDD I/O: 6-pin FireWire
 (asynchronous - includes power)
 Power: 4-pin Female XLR
Compliance: CE/FCC/C-Tick compliant
Warranty: 2 year limited

Disk Drive
Power Requirement: +12V (powered by FireWire port)
Drive Options:
 User Configurable: 0GB, User adds 2 1/2" IDE drive
 Standard Drive: 40GB, 5400RPM
 High Performance Drive: 60GB, 5400RPM
Avg. Rotational Latency: 7.14ms
Spin up Time: 3.5 Sec. (Typical)
Drive Buffer: 2 MB - 8MB
Shock:
 Operating: 200G, 2ms half sine wave
 Non-Operating: 900G, 1ms half sine wave

Battery Mounting Options
NP: NPSeries Battery Case
Anton Bauer: QR-X2 3-Stud Adapter Plate

Application Compatibility:
Adobe Premiere
Apple Final Cut Pro
Apple iMovie
Avid XpressDV
Canopus DVStorm
Canopus StormRack
Canopus DV RaptorRT
Matrox RT2000/2500
Matrox DigiSuite DTV
Matrox DigiSuite LX
Matrox RTMac
Pinnacle DV500 Plus
Sonic Foundry Vegas Video
...Plus Many More

DR-DV5000 & NP Battery Case Front View | DR-DV5000 & NP Battery Case Back View

FireWire™ Disk Drive

Specifications subject to change