

PRELIMINARY

ProHD DR-HD100

Portable DTE Recorder

DIRECT TO EDIT™

PORTABLE
LIGHTWEIGHT
COMPACT



FireStore™
Model:
DR-HD100

The ultimate FireStore

for JVC's GY-HD100 is

here . . . DR-HD100.

Now everybody can take

advantage of tapeless

acquisition with true

Direct To Edit™ (DTE)

Technology and confidence

recording using the

smallest FireStore ever!

CAPTURING IS A THING OF THE PAST!

Tapeless acquisition is quickly being accepted as the standard in broadcast production. Now everyone can make capturing a thing of the past with DR-HD100. Record directly from your GY-HD100 camcorder while you shoot using Direct To Edit (DTE) Technology. When you are finished shooting, connect DR-HD100 to your computer and you are instantly ready to edit in the timeline! No capturing, no file transfer, no file conversion. Just shoot, then edit!

TRUE DTE TECHNOLOGY

No matter which DV NLE system you have, FireStore DR-HD100 has you covered. On DR-HD100, DV25 files are recorded to disk as RawDV, AVI Type 1, AVI Type 2, AVI Type 2 24p, Matrox AVI, Canopus AVI, QuickTime or QuickTime 24p. The DR-HD100 Pro model also includes MXF, Pinnacle AVI and Avid DV-OMF format support. DR-HD100 also records 720p 24/25/30 .M2T for HD NLE systems.

INTRODUCING FIRESTORE HD DR-HD100, THE FIRST DV AND PROHD DISK RECORDER WITH DIRECT TO EDIT (DTE) TECHNOLOGY DESIGNED FOR THE JVC GY-HD100 CAMCORDER. ONLY DR-HD100 COMBINES A SMALL, RUGGED AND SHOCK PROOF DESIGN WITH FULL DTE TECHNOLOGY PERFORMANCE.



FAST AND EFFICIENT EDITING

Once you have finished shooting, DR-HD100 is mounted to your Mac or PC editing system like a normal FireWire hard disk drive. Transfer clips to your NLE's media drive at up to 400 Mb/s or edit instantly in real-time using DR-HD100 as your media source.

CONFIDENCE RECORDING

Simultaneously record to disk and tape using FireStore DR-HD100. DR-HD100 is immune to tape drop-outs providing you with a clean edit source and an archive on tape.

COMPACT, LIGHTWEIGHT AND RUGGED DESIGN

FireStore DR-HD100 is a lightweight, weighing less than one pound including the battery and it is only 1.5" thick! Mount directly to your camcorder using the optional hot shoe adapter, or clip DR-HD100 directly to your belt. The product's attractive packaging is made to withstand the rigors of field shooting. The ten second electronic anti-shock cache ensures your video is always recorded while the six second retro cache means you'll never miss a shot!

FLEXIBLE CAPACITIES AND POWER

Spinning at 5400 RPM with an 8 MB cache so you'll never drop a frame, DR-HD100 comes with a 40GB (3 hours) hard drive, or 80GB (6 hour) capacities. DR-HD100 also features a slim removable battery pack or can be optionally powered via a wall outlet.

EASY TO USE, CONTROL AND UPDATE

DR-HD100 interfaces with your JVC GY-HD100 camcorder using a single FireWire cable that passes audio, video, timecode and control information. When a tape is present, each press of start and stop on your GY-HD100's record button will create an individual clip on disk. DR-HD100 features a comprehensive backlit display, menu system and buttons allowing easy control and management. Additionally, with the JVC GY-HD100 you can monitor the DR-HD100 status in the viewfinder.

DR-HD100 FEATURES

DR-HD100 Pro additionally adds Avid OMF and Pinnacle AVI support. DR-HD100 Pro also adds retro-record modes including a ten second retro cache so you'll never miss a shot, scene marking which allows clips to be categorized into pre-named folders on disk while you shoot, user definable time lapse and loop playback modes.

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enhancements

PRODUCT DESCRIPTION

DR-HD100 is a portable DTE disk recorder for use with the GY-HD100U. DR-HD100 features an internal disk drive, portable enclosure and a host of record, playback and control features.

APPLICATION

- ▼ Wedding and Event
- ▼ Portable Field Production
- ▼ Independent Film
- ▼ Corporate and Industrial Production
- ▼ Education and Training
- ▼ Sports Analysis

FEATURES

- ▼ DV25 DTE Supported Formats (RawDV, AVI Type 1, AVI Type 2, Matrox AVI, Canopus AVI, QuickTime, AVI Type 2 24p, QuickTime 24p)
- ▼ Additional DTE Formats (MXF, Pinnacle AVI, Avid DV OMF)
- ▼ Record Hi-Def .m2t 720/24/25/30
- ▼ Removable Li-Ion Rechargeable Battery
- ▼ Comprehensive Backlit LCD Display
- ▼ Dedicated VTR Play/Record and Mode Buttons
- ▼ Records embedded DV Source Timecode
- ▼ FireWire AV/C Control
- ▼ 10 Second Electronic Recording Shock Buffer
- ▼ Full Disk Partition and Format
- ▼ Flash Upgradable System Software
- ▼ Intelligent Power Management System
- ▼ Daisy Chain Multiple DR-HD100s for Long Recordings
- ▼ User Definable Time Lapse
- ▼ Six Second Retro Cache
- ▼ Ten Second Retro Cache (Adjustable)
- ▼ Retro Disk
- ▼ Loop Playback Capabilities
- ▼ Scene Marking
- ▼ 3 Hour Recording Time (40GB)
- ▼ 6 Hour Recording Time (80GB)
- ▼ AC Adapter
- ▼ Optional Cradle with Tripod Mount

SPECIFICATIONS**Input/Outputs:**

HDV Video I/O - 19.8 Mb/s (1 x 6-pin IEEE-1394) or DV Video I/O - 25Mb/s (1x 6-pin IEEE-1394)
FireWire Computer I/F - up to 400Mb/s (1 x 6-pin IEEE-1394)
GPI & RS-232C Control (1 x 3.5mm mini jack)

Power:

15V DC, 0.7A
Mini-jack power connector
Custom Removable Li-ion Rechargeable Battery Pack (90 minutes estimated run-time)

Physical Specification: (with Battery)

Dimensions: 1.59" x 5.6" x 3.74" (40 mm x 142 mm x 95 mm)
Weight: less than 0.87 lbs (0.4 kg)

Audio/Video/Timecode Specification:

25Mb/s, 8-bit 4:1:1 (NTSC-DV) or 4:2:0 (PAL-DV) video (model dependent)
DV Embedded Timecode (Drop or Non-Drop)
Embedded 2-ch (16-bit, 48kHz) or 4-ch (12-bit, 32kHz) Audio

DTE File Formats:

RawDV, AVI Type 1, AVI Type 2, Matrox AVI, Canopus AVI, QuickTime, AVI Type 2 24p, QuickTime 24p, Pinnacle AVI, AVID DV OMF. and .M2T (720p 24/25/30)

Disk Information:

Internal Disk Type: 40GB or 80GB, 5400 RPM, 8 MB cache
Disk Format: FAT32
DR-HD100 compatible with Windows 98SE, ME, 2000, XP and Mac OS9 & 10.

Compliance and Warranty:

CE, C-Tick and FCC
2 Year

Temperature:

Operating: 0° - 40°C (32° - 104°F)
Operating humidity: 30% - 90% RH
Storage: -20° - 60°C (-40° - 140°F)
Storage humidity: 85% RH or less

Shock Vibration:

Operating: 50 cm
Non-operating: 100 cm
50 Hz - 60 Hz 1 G constant

Optional Accessories

Additional Custom Removable Li-ion Rechargeable Battery Pack (90 minutes estimated run-time)
Wired Remote Control Unit
Camera Mount Kit

Specifications subject to change. All brand and product names are trademarks of their respective companies.
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■ The Headhug Plant of Victor Company of Japan, Ltd., has received ISO14001 Certification under the global standard for environmental management.



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