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VDR-3000 Video Disk Recorder

Record top-quality video on a 50-cent disc!

The Datavideo VDR-3000 is the world's first stand-alone video recorder which can record top-quality MPEG2 video on common, low-cost CDR and CDRW discs. Competing products require expensive DVD discs or are limited to low-quality video – not the VDR-3000!

Every disc recorded on the VDR-3000 includes a **PC-AutoPlay** feature – enabling Datavideo CDs to *automatically* play back on any PC[1]. Datavideo discs will also play back on many DVD players, VCD players, and the Datavideo CP-100 compact video disc player.

Video Tape Recording was so 20th Century...

VDR-3000 Features

➤ One-button recording – easier to use than a VCR.

➤ Records 20 – 80 minutes on any CDR or CDRW disc.

➤ Over 400 lines video resolution (CD-DVD mode).

➤ Composite Video, S-Video, Stereo Audio inputs and outputs.
  Y.U.V. / R.G.B. (switchable) component video output for video projectors.

➤ Built-in color processor allows adjustment of color saturation, hue[2], brightness, contrast, and sharpness.

➤ NTSC or PAL versions.

➤ Simple editing on CDRW discs with "erase last track" function.

➤ Wireless remote control included.

➤ Playback features: repeat disc (default), repeat track, direct access by track or time, programmed playback, frame advance, FF/FR up to 16X speed.

➤ All metal construction: stackable, rackable. User-upgradable firmware.

➤ Firewire/IEEE-1394 DV input for direct digital recording from your Digital camcorder. (VDR-3000 DV only) Connect the DV input to your non-linear editing system for quick and easy disc mastering of your edited programs.

Datavideo makes quality Video Disc recording available today!

Records 20 – 80 minutes on a 50-cent disc.
Duplicate discs at up to 16X speed on any computer, or...
Replicate 1000 to 1,000,000 discs at any CD duplication facility.

Infinite, seamless repeat playback – no media wear!
Random access playback – by track or time.
Discs weigh one ounce for low-cost mailing.

CP-100 Player

Industrial-strength, compact size, low-cost stand-alone Video Disk Player provides Video, S-Video, and component video outputs plus stereo audio. Auto play on power-up. Endless disc repeat is standard. Wireless remote included. 12V DC with 110V AC supply.

Recording Mode	Recording Time[3] (700MB discs)
CD-DVD (best quality)	20
SVCD	40
HQ-VCD	40
VCD	80

CP-100 Dimensions:

Width	7.5 inches	190 mm
Depth	12.8 inches	325 mm
Height	2.5 inches	63.5mm
Weight	5.7 lbs	2.6 kgs

[1] Pentium III or equivalent, Windows 98/NT/2000/ME/XP, Direct X 8.0 recommended. Macintosh and Linux playback are possible with the appropriate software.
[2] Hue adjustment for NTSC only.
[3] Actual recording times are approximately 10 seconds less than listed.

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FEATURES	Imagine the Applications...

PC-AutoPlay Playback

Every Datavideo disc includes the PC[4] -AutoPlay feature. Just insert the disc in any Windows PC, and it will play automatically! VCR-like on-screen controls allow for play, pause, track skip and track back, plus, a slider bar allows for quick access to any part of the track.

Special features include **Full-Screen Mode** and Track Repeat. (Disc Repeat is standard). Datavideo's exclusive **Frame Grabber** feature allows you to capture any frame of your program to a .bmp file for use in PowerPoint, e-mail, web pages, etc. Plus, standard ISO 9660 CD format allows video tracks to be copied to your hard disk and/or transmitted over the Internet! You can also re-arrange, compile, and edit tracks on your computer.

The discs cost so little, you can give them away…

And we will! Just e-mail your address to freedisc@datavideo-tek.com **and we'll send you a sample CD-DVD disc made on the Datavideo VDR-3000. (Offer limited to U.S. addresses)**
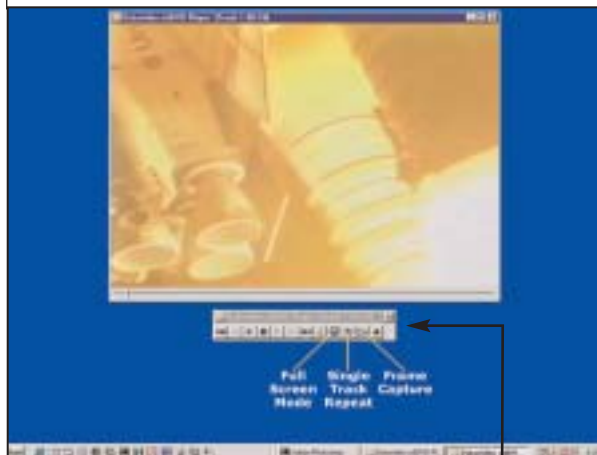
Training and Promotional videos – lower media cost, lower mailing costs, faster and easier duplication than VHS tape.

In-Store and Trade Show displays – seamless repeat playback without any tape wear. Plays all day, every day for years… automatically, worry-free!

Business Presentations – play back on the laptop PC you're already carrying.

Kiosks – Random-access playback with no mastering costs.

Weddings, Music Videos, Promo Reels – PC-AutoPlay lets anyone play them!

Datavideo VCD Player [Track 1 00:02]

Full Screen Mode ←   → Frame Capture

Single Track Repeat ←

MP-3000 DV Computer-controllable Recorder

All features of the VDR-3000DV plus RS-232 and GPI footswitch control.

[4] Pentium III or equivalent, Windows 98/NT/2000/ME/XP, Direct X 8.0 recommended. Macintosh and Linux playback are possible with the appropriate software.

Comparative Data

If you're not making feature movies, why pay for a feature-movie system?

DVD recording seems attractive at first, with 60-120 minute recording time and studio-quality pictures.

But consider the costs: If your programs are less than 20 minutes long they'll fit on one CD-DVD. You spend much more than you need to everytime you make a recordable DVD. ($↑)

The Datavideo VDR-3000 offers the same razor-sharp pictures for shorter programs at a fraction of the cost, or longer recording times in four different recording qualities. All modes offer CD-quality stereo sound.

	Datavideo VDR-3000	Pioneer PVR-9000	Terapin VDR	VHS
CD-DVD quality	Yes	Yes	No	No
Video Recording Speeds	5	2	1	2
Recording Time 700MB/CD	20-80mins	1 or 2 hours	80 mins[5]	2 or 6 hours
Audio CD Recording	Yes	No	Yes	No
Data bit-rate	1.15-5Mbps	1.7-10.7Mbps	1.15Mbps	Analog
MPEG2 Encoding	Yes	Yes	No	No
Maximum Resolution	400 lines	400 lines	240 lines	240 lines
Color Processor	Yes	No	No	No
DV digital input	Yes[6]	Yes	No	No
PC-AutoPlay	Yes	No	No	No
PC playback requires	CD drive	DVD drive	CD drive	Not possible
PC frame-grab	Yes	No	No	No
Random-access	Yes	Yes	Yes	No
Cost per media	($↓)	($↑)	($↓)	($↑)
Shipping weight of media	1 oz	1 oz	1 oz	8 oz
Duplication speed	4-16X	2X	4-16X	Realtime+rewind
Cost of duplicator	($↓)[7]	($↑)	($↓)[7]	($↓)

[5] The Terapin recorder offers the lowest-quality VCD mode only.   [6] VDR-3000DV model
[7] Or use any computer with a $99 CDRW drive

Windows, NT, ME, PowerPoint, & DirectX are trademarks of Microsoft. Pentium is trademark of Intel.

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SPECIFICATIONS

Recording Formats

CD-DVD	MPEG-2 @ 5.0Mb/sec. Bit rate
DVD-Photo	MPEG-2 @ 2.4Mb/sec. Bit rate
SVCD	MPEG-2 @ 2.4Mb/sec. Bit rate
HQ-VCD	MPEG-1 @ 2.4Mb/sec. Bit rate
VCD	MPEG-1 @ 1.2Mb/sec. Bit rate

Video Formats

CCIR601 NTSC or PAL machines

NTSC

CD-DVD	704 x 480 @ 30 fps
DVD-Photo	704 x 480 @ 30 fps
SVCD	352 x 480 @ 30 fps
HQ-VCD	352 x 240 @ 30 fps
VCD	352 x 240 @ 30 fps

PAL

CD-DVD	704 x 576 @ 25 fps
DVD-Photo	704 x 576 @ 25 fps
SVCD	352 x 576 @ 25 fps
HQ-VCD	352 x 288 @ 25 fps
VCD	352 x 288 @ 25 fps

Digital Audio Input

S/PDIF 44.1 KHz, 16 bit CD quality

Audio Inputs & Outputs

Stereo RCA 20 HZ – 20 KHz
44.1 KHz audio sampling rate,
16 bit CD Quality

Video Outputs

Y/C S-Video	(Mini DIN)
Composite	(RCA)
Component Y.U.V.	(BNC)

Betacam/M2/RGB/SMPTE
selector switch on remote
control

Supplied Accessories

Remote Control with 2 x AAA Batteries
Datavideo CD-R/W Disc
S (Y/C) Cable
Composite (RCA) Cable
Power Cord
4-Pin to 4-Pin IEEE/1394 DV Cable   (VDR-3000DV only)
User's manual

Microphone Inputs

Two dynamic microphone inputs, 600 ohm

General

Power Supply
115-230 VAC,
50/60Hz Selectable

Video Inputs

Y/C S-Video	(Mini DIN)
Composite	(RCA)

Optional DV
(IEEE 1394 / I-Link 4-pin connector)

Conforms to DV 25
4:1:1 NTSC and 4:2:0 PAL

Dimensions

Width	16.1 inches, 410mm
Depth	11.8 inches, 300 mm
Height	3.6 inches, 92 mm
Weight	9.3 lbs, 4.2 Kg