

PINNACLE DV500 DVD

Pinnacle DV500 DVD - Real-Time Where It Counts!

Pinnacle DV500 DVD is the successor to Pinnacle Systems' popular DV500 real-time DV editing solution. Pinnacle DV500 DVD meets professional quality standards while remaining affordable for a broad range of users and has a proven track record in stability, reliability and compatibility. With over 100,000 sold worldwide, it is the world's best selling video editing solution in its class, and has won awards and acclaim from the industry's top journalists. Now we've made it even better and added even more real time features to streamline the DVD creation process. Direct import of MPEG-2 files to the timeline and hardware accelerated MPEG-2 rendering allow you to get video in and out of your system faster; with no need for format swapping. Pinnacle DV500 DVD also includes our unique Intelligent ReEditing, which allows you to revisit older projects and only render the edits when you've completed the revisions.

A Creative Powerhouse

Pinnacle DV500 DVD gives you the tools you need for instant creativity. Enhance your productions with a vast range of effects from simple dissolves to complex 3D transitions, color correction and slow or fast motion. Add broadcast-quality titles, graphics and filters, and with the latest dual stream technology you'll see most of your changes instantly, without waiting to render!

All Systems Go

From the start to the finish line, Pinnacle DV500 DVD gives you complete flexibility. Mix footage from analog or digital sources. Author and burn your own video CD or DVD, complete with interactive menus, with the included authoring and encoding software. Output to analog or digital tape or create a streaming file for instant posting to the Web. The choice is yours!

Pinnacle DV500 DVD - The Professional Video Creation System.



8 Emmy Awards
Technical Achievement
Pinnacle Systems



Performance Tools

- Real-time widescreen format support (16:9) for video, transitions and titles
- Real-time video monitoring while creating titles
- Real-time Image Correction filters for changing hue, contrast and brightness controls
- Pinnacle Systems DV2 Speed Codec with Dual Processor support for ultra fast rendering output to DV
- Real-time multi track audio mixing with gain and pan adjustments
- Pinnacle Systems DV2 Speed Codec with Dual Processor support for ultra fast (rendering) output to DV



Hollywood FX Technology

Hollywood FX Copper

- Blazing fast 3D effects
- 100 3D Transitions
- Real-time Preview
- Enhance effects with easy path rotation, shadows, shine and anti-aliasing Hollywood FX Alpha Magic
- Complete collection of more than 400 unique transitions
- Real time transition effects with adjustable width color borders
- Artistic design for great looking video transitions



Real-Time Scene Cutter

- Apply to any clip in timeline
- Automatically detects scene changes
- Generates unique picon for each scene



Pinnacle DV500 DVD also includes a brand new, fully professional breakout box with an integrated 1394 port

Powerful Features

- Digital and Analog Input / Output
- Real Time Keyframeable Effects
- Fast and Slow Motion Effects
- Optimized workflow for DVD authoring
- Create CD / DVD / videotapes and Internet streaming formats

New Features

- Pinnacle DV Tools
- Analog capture without file size limitation
- DV capture without file size limitation
- Analog cutlist playback
- DV cutlist playback
- Recording time and date changes
- Manual scene split
- Scene detection in fast forward mode
- Cutlist playback of different material
- Batch list export to Adobe® Premiere® Storyboard format
- Real Time slow motion in preview quality
- Even faster Pinnacle DV Codec with optimizations for Adobe After Effects
- Pinnacle Impression DVD SE with CD-R support and direct disc burning
- New MPEG2 software decoder to allow import of archived MPEG2 files into Premiere timeline for re-editing
- Improved Camcorder compatibility and audio resampling on DV capture

Technical Data

Hardware

- 32 bit PCI bus mastering expansion card

Data Rate

- Two streams of DV data (25 Mbits per second per stream)

Frame Rate

- 30/25 frames, 60/50 fields per second (NTSC/PAL, US Version NTSC only)

Digitization and Playback

- In real-time, 720x480 (NTSC) or 720x576 (PAL/SECAM) in 4:1:1 YUV (NTSC) or 4:2:0 YUV (PAL), true color

Video Inputs

- 1x composite video (CVBS), RCA (cinch) jack, high quality comb filter
- 1x S-Video (Y/C) mini DIN
- 1x IEEE 1394 (Firewire®/iLink) six pin connector, internal

Video Outputs

- 1x composite video (CVBS), RCA (cinch) jack
- 1x S-Video (Y/C) mini DIN
- 1x IEEE 1394 (Firewire/iLink) six pin connector, internal

Video Standard

- NTSC, PAL (US Version NTSC only), Widescreen 16:9

Video Systems

- DV, DV Cam, DVC Pro, Digital 8,S-VHS, Hi-8, VHS, Video8

Real-time Adjustable Parameters

- Brightness, contrast, saturation, hue, image correction filter

Real-time Effects

- 2 channel video mixer with real-time bit manipulation of real-time multi-track audio mixer

Video Overlay

- Video overlay chip for real-time monitoring on computer screen

Audio Inputs/Outputs

- Input: Stereo, 2xRCA (cinch) jack
- Output: Stereo, 2xRCA (cinch) jack

Audio Input Level

- 0dB, adjustable, selectable

Audio Recording and Playback

- In real-time directly to/from hard disc in full CD/DAT stereo audio quality



Adobe® Premiere® 6.0

- Professional, broadcast-quality, non-linear editing software
- Video and audio processing
- Drag-and-drop editing, with integrated special effects and filters
- 99 video and audio tracks
- Storyboard window assembly
- Automate to timeline feature



Pinnacle Systems Impression DVD SE™

- Produce your own self-playing CD's and DVD's with subtitles and interactive menu creation
- Comprehensive, fully featured multimedia authoring application
- Easy-to-understand GUI
- Smart Adobe Photoshop® layer support
- Dynamic asset linking
- Supports full-motion video and still frame diagrams
- Real-time simulation and emulation



Pinnacle Systems TitleDeko™ RT

- Broadcast-quality character generator
- Easily create superb titles directly over video with new Compose In Context feature
- See your graphics on the video monitor while composing with new "Take" feature
- Professional effects include glows, neon, metallic looks, textures, backgrounds, shapes, shadows and edges
- Drag and drop placement, rotation, kerning, leading and sizing



Pinnacle Systems DV Tools™

- Storyboard export to Adobe Premiere
- Automate and simplify the complete capture process
- TapeScan automatically creates a table of contents from DV tapes
- Archive scanned tapes with picture frames for all scenes
- Select scenes for capture by simple drag-and-drop
- Frame accurate device control during capture
- Supports miniDV and DVCAM timecodes
- Snap Shot for still image capture



Minimum System Requirements

- Pentium® III or Athlon® 500 MHz or faster
- 1x32 bit PCI 2.1 slot
- 128 MB RAM (256 MB RAM for Windows 2000 & XP)
- 500 MB hard disk capacity
- 4 GB video hard disk (SCSI 2/UDMA-IDE)
- 16 bit display adapter with DirectDraw drivers
- CD-ROM drive
- Sound card
- External video monitor
- Windows® 2000, Me, 98SE, 98, XP

Recommended System Requirements

- Pentium® IV or Athlon® 1 GHz or faster
- 1 X 32 bit PCI 2.1 slot
- 256 MB RAM
- 4 GB hard disk capacity
- 18 GB video hard disk (SCSI ultra-2/UDMA-IDE)
- 24 bit display adapter with DirectDraw drivers
- (CD-ROM drive) CD writer or DVD writer (DVD-ROM drive)
- Windows® 2000, XP