Sonic Product Line

- **Consumer**
  - Sonic MyDVD - World's Leading DVD Creation Software
    - 10M copies MyDVD & DVDit! shipped

- **Corporate and Small Business**
  - Sonic DVDit! - Publish on DVD
  - Sonic ReelDVD - Professional DVD made easy

- **Professional**
  - Sonic DVD Producer - For multimedia professionals on Windows
  - Sonic DVD Fusion - For multimedia professionals on Macintosh
  - Sonic Scenarist - Feature film DVD production on Windows
  - Sonic DVD Creator - Feature film DVD production on Macintosh
Sonic – NAB 2004

- **DVD Producer 4.5 – June, from $1999**
  - Dual-layer (DVD-9) titles; DVD+R double-layer recordable drives
  - Workstation configurations for dual-monitor output
  - SD-series MPEG encoders
  - Author HD titles on DVD using WMV high-definition technology
  - Playable on Windows Media 9 Series player on Windows XP
- **Avid DVD by Sonic – Q2, $1,995**
  - DVD Producer – Avid Xpress Studio Suite, Avid Studio Tools
- **Sonic eDVD 3 – May, $899, stand-alone**
  - InterActual web-DVD, web & DVD-ROM links, Win & Mac OS X
- **SD-series Encoder 3.0**
  - MPEG encoders, Mac to Windows; SD-1000 $11K, SD-2000 $25K

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Sonic DVD Producer Product Line

**DVD Producer 1000 - $12,999**
- SD-1000 Encoding
- DVD Producer Authoring
- DVD Producer Publishing Pack
- Dual monitor and video output hardware

**DVD Producer 500 - $4,999**
- SD-500 Encoding
- DVD Producer Authoring
- DVD Producer Publishing Pack
- Dual monitor and video output hardware

**DVD Producer Authoring - $1,999**
- DVD Producer Authoring
- Dual monitor and video output hardware

**DVD Producer Publishing Pack - $1,999**
- Add Region Coding, Analog (APS) & Digital (CSS) Copy Protection
  (for DVD Producer Authoring)
**DVD Producer – SD Series Encoders**

**SD-1000 Encoder**
- Superior encoding for multimedia professionals
- Real-time encoding and decoding using SDI input and output
- Exceptional video quality at low bit-rates
- One- or two-pass CBR and two-pass VBR encode styles
- Preview during encode
- Stereo PCM, MPEG-1 layer II, and Dolby Digital audio encoding via balanced analog or AES/EBU digital audio input

**SD-500 Encoder**
- Best value in high performance encoding
- Real-time encoding from DV, component, and composite video sources
- One-pass CBR and one- or two-pass VBR encode styles
- Stereo PCM, MPEG-1 layer II, and Dolby Digital audio encoding via balanced stereo analog audio input

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**Sonic DVD Producer – Author**

Menu Editor

Palette window: Import assets

Video Preview window

List window: Menus & Movies columns

Timeline: Tracks: Video + Audio & Subtitle Chapter points

Properties window

Bit Budget meter

OpenDVD option

TV Standard / Saved

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Sonic DVD Producer – Simulate

Monitor window

Simulation Remote Control

Palette window: Import assets

List window: Menus & Movies columns

Timeline: Video + Audio & Subtitle tracks, Chapter points

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DVD Producer – Import Assets

• Import to Palette Window
  – Video and audio clips
  – Menus
    • Photoshop layers for subpicture highlights
  – Backgrounds

• View assets
  – Sort, resize, small icons
  – Preview – Play

• Set disc properties
  – Set Jacket Picture
  – Set First Play (List)
**DVD Producer – Create Timelines**

- **Add to List Window – Movies column**
  - Open in Movie Timeline window
  - 99 Video Title Sets, 8 audio, 32 subtitle

- **Create Timeline**
  - Add Audio track(s) – Set language
  - Add Subtitle track(s) – Set language
  - Set Root menu for Menu button
  - Add Chapter points

**DVD Producer – Import Subtitles**

- **Import Subtitle track(s)**
  - Subtitle script

- **Subtitle Import Preview**
  - Text font, style, position
  - Color Group
    - Text Body and Outline

Color Groups:
- Text Body and Outline, Opacity

Subtitle Attributes
- Subtitle Position
DVD Producer – Create Menus

- **Composite in Menu Editor**
  - Add to List Window – Menus column
  - Drag to create buttons
  - Or Photoshop overlay layer
  - Select tool: Move and resize
  - Text tool: Titles, button labels
  - Align, Layer; Drop shadow
  - Highlight tool: Button areas
  - Properties window

- **Motion menus**
  - Background audio
  - Animated buttons
  - Timed, loop, time out
  - End actions

Tools:
- Highlight / Select / Text
- Show Layers:
  - Bg, Overlay
  - Safe Area Overlay: Text / Graphics
  - Targets:
    - Bg, Overlay
  - Highlights:
    - Menu Button Highlight areas

DVD Producer – Create Buttons

- **Use highlights from multi-layer Photoshop**

- **Edit Button Highlights**
  - Display – Background, Overlay, Highlight layer
  - Draw rectangular highlight area – Highlight tool
  - Set highlight colors – Properties window
    - Normal, Selection, Activation; Color & Opacity

- **Define Button Routing**
  - Manual or Auto Route w/ wrap
**DVD Producer – Create Links**

- **Create Navigational Links**
  - Drag objects & create link
  - Ctrl-Drag chapter points from Timeline
  - Right-click – Add Link
  - Properties window

- **Define End Actions**
  - JumpAnywhere navigation
  - Jump to Menu
    - Select button
  - Jump to Timeline
    - Chapter
    - Audio & Subtitle

**DVD Producer – Playlists**

- **Playlists**
  - List of Movies
  - Menu button
  - Chapter point
  - Audio stream
  - Subtitle stream
  - End Action
**DVD Producer – Simulate**

**Remote Control**

- Chapter
- Time
- Tracks
- Title / Menu
- Selection Arrows / Enter
- Previous / Next Chapter
- Playback Controls:
  - Play / Pause / Stop / Skip to End Action
  - Subtitles / Subtitle Track / Audio Track
- Numeric Keypad

**DVD Producer – Output**

**Encoding**
- Software transcode
- Hardware SD-1000 Encoder card
- Dolby Digital AC-3 stereo

**Simulate**
- Software or hardware
- BitBudget Calculator

**Build**
- DVD Volume, Disc Image, DVD Disc, DLT Tape

**Output**
- Dual-layer, DVD-5 & DVD-10
- Region coding, Copy protection: CGMS, CSS, APS
- Hybrid DVD-Video with DVD-ROM
- WriteDirect, to DVD-R and DLT devices (no temp files)
- OpenDVD read and write: Re-edit DVDs
DVD Producer – Hardware

Hardware A/V Setup

Transport Window: External Video Deck Control

DVD Producer – Video Encoding

Encoding Setup

Encoding Video Set
DVD Producer – Audio Encoding

**Encoding**

**Audio Set**

- **Dolby Digital Setup**

For More Information

[Manifest Technology®
www.manifest-tech.com](http://www.manifest-tech.com)

The Manifest Technology site contains over a hundred articles and technical references by Douglas Dixon on multimedia technology, especially digital video editing and DVD authoring.

**DVD Authoring Software Gallery:**
[www.manifest-tech.com/links/dvd_sw_gallery.htm](http://www.manifest-tech.com/links/dvd_sw_gallery.htm)