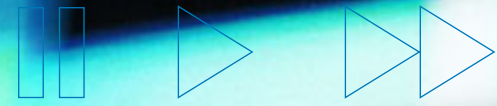




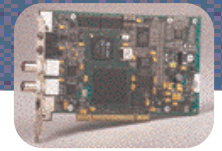
MPEG-2 and MPEG-1
Encoding Platform

MPEG MovieMaker 2005

Macintosh Version



MPEG MovieM



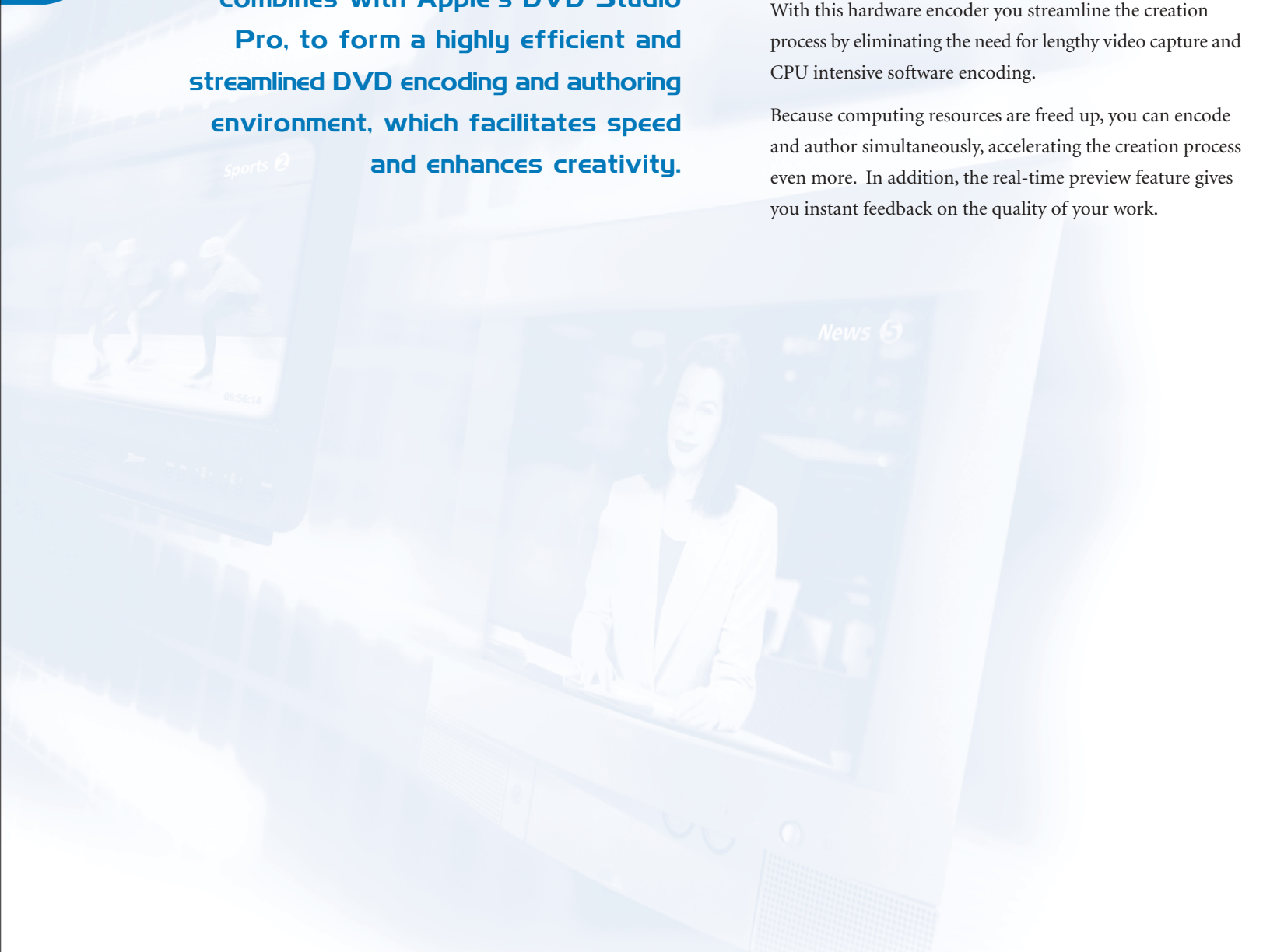
MPEG MovieMaker 200S is a professional half-sized PCI MPEG-2 and MPEG-1 encoding board designed for DVD, SVCD and VCD content creation. MPEG MovieMaker 200S combines with Apple's DVD Studio Pro, to form a highly efficient and streamlined DVD encoding and authoring environment, which facilitates speed and enhances creativity.

Freedom to be Creative

Offering powerful hardware MPEG-2 and MPEG-1 encoding, MPEG MovieMaker 200S dedicates resources to encoding, allowing you to channel all your creativity into DVD authoring.

Not only does MPEG MovieMaker 200S give you professional quality video, it also offers considerable time-saving benefits: With this hardware encoder you streamline the creation process by eliminating the need for lengthy video capture and CPU intensive software encoding.

Because computing resources are freed up, you can encode and author simultaneously, accelerating the creation process even more. In addition, the real-time preview feature gives you instant feedback on the quality of your work.



MovieMaker 200S Macintosh Version

Advanced Features and Encoding Management Software

MPEG MovieMaker 200S Macintosh version supports advanced encoding features including: VTR control, digital inputs, Dolby Digital pass through and variable bit-rate encoding.

MPEG MovieMaker 200S comes bundled with MPEG Composer, Optibase's encoding management application, which offers an intuitive, user-friendly interface for selecting either presets or specific encoding parameters. With MPEG Composer you can encode a single MPEG file or batch encode several consecutive files at a time. MPEG Composer also lets you fine-tune calibration settings on-the-fly for each clip during encoding.

Product Families

MPEG MovieMaker 200S Basic

The MPEG MovieMaker 200S product family offers analog audio inputs and unbalanced audio inputs.

- MPEG MovieMaker 200S Basic FD1
- MPEG MovieMaker 200S Basic VBR 720
 - 720 x 480, 720 x 576 resolutions
 - Real time VBR

MPEG MovieMaker 200S Publisher

The MPEG MovieMaker 200S Publisher product family offers top-quality, professional encoding solutions. It features SDI inputs, digital audio, balanced analog audio.

- MPEG MovieMaker 200S Publisher SDI
 - SDI inputs
 - Digital audio
- MPEG MovieMaker 200S Publisher DE
 - Dolby® Digital Audio

Benefits

- Real-time hardware-based encoding frees computing resources for DVD authoring and saves time
- Real-time encoding preview provides instant feedback
- DVD, SVCD and VCD encoding modes offer quick and easy operation
- User defined presets enables user specific tailoring
- Combination with DVD Studio Pro creates an efficient streamlined DVD encoding and authoring environment

Features

- Real-time hardware based encoding
- Professional video quality
- DVD, SVCD and VCD formats
- Dolby® Digital audio
- Analog and digital inputs
- Batch and manual encoding
- User defined presets
- Real-time encoding preview
- VTR control
- Supports Power Mac G4, G5 with Mac OS X

MPEG MovieMaker 2005

Macintosh Version

Technical Specifications

	200S Publisher DE	200S Publisher SDI	200S Basic VBR	200S Basic FD1
Standard Compliance				
ISO/IEC 11172 (MPEG-1)	✓	✓	✓	✓
ISO/IEC 13818 (MPEG-2)	✓	✓	✓	✓
Video Inputs				
NTSC/PAL	✓	✓	✓	✓
Composite, S-Video	✓	✓	✓	✓
SDI	✓	✓	×	×
Audio Inputs				
Unbalanced - Input impedance 10k Ohm	Input impedance 300 Ohm	Input impedance 300 Ohm	✓	✓
Balanced - Input impedance 600 Ohm	✓	✓	×	×
Digital AES/EBU - Input impedance 110 Ohm	✓	✓	×	×
Preview				
Video Preview Composite Video	✓	✓	✓	✓
Audio Preview Unbalanced	✓	✓	✓	✓
Dolby® AC3 Preview	✓	×	×	×
Video Parameters				
150 Kbit/s - 5 Mbit/s MPEG-1	✓	✓	✓	✓
1.5 - 10 Mbit/s MP@ML MPEG-2	✓	✓	✓	✓
VBR	✓	✓	✓	×
Audio Parameters				
32-384 Kbits/s	✓	✓	✓	✓
MPEG-1 Max.224 Kbits/s	✓	✓	✓	✓
Freq. Response: 20 Hz - 20 kHz, +/- 0.25dB	✓	✓	✓	✓
Sampling Frequency: 44.1, 48 kHz at 20 bits per sample	✓	✓	✓	✓
Audio Gain Control: -90dB-30dB with 8dB level steps	✓	✓	✓	✓
Resolution				
	NTSC	PAL		
DVD	352 x 480, 704 x 480, 720 x 480,	352 x 576, 704 x 576, 720 x 576	✓ ✓ ✓	✓ ✓ ×
SVCD	352 x 240, 352 x 480, 480 x 480,	352 x 288, 352 x 576, 480 x 576	✓ ✓ ✓	✓ ✓ ✓
VCD	352 x 240,	352 x 288	✓	✓
File Format				
Audio/Video Elementary System	✓ ✓	✓ ✓	✓ ✓	✓ ✓
Audio Mode				
MPEG-1 Layer 2	✓	✓	✓	✓
Mono/Dual Mono	✓	✓	✓	✓
Stereo/Intensity Stereo	✓	✓	✓	✓
Linear PCM 16 Bit	✓	✓	✓	✓
2 Channel Dolby® Digital Audio - Stereo	✓	×	×	×
Dolby® Digital Audio 5.1 Pass through	✓	×	×	×
Operating System:				
Requires Mac OS X v10.3				

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