

Wired MediaPress

Realtime Hardware MPEG Encoders



Wait Reduction for Your MPEG Encoding

The Wired **MediaPress X™** and **MediaPress LE™** are professional MPEG encoder cards for the Macintosh. Designed for the demanding pro, the MediaPress family brings quality realtime encoding within reach, even for facilities with tight budgets. Whether you need MPEG-2 for DVD projects or MPEG-1 for CDs or streaming, or anything in between, MediaPress delivers.

MediaPress will save you time and money. No more waiting for slow software MPEG encoders. Whatever your source, whatever your preferred workflow, the MediaPress encoder will fit right in.



The MediaPress encoder is controlled by powerful software, designed exclusively for Mac OS X. With built-in realtime preview, sophisticated control of all encoding parameters, advanced deck control functionality, and the industry's most powerful batch encoding features, MediaPress will help you keep your work flowing.

You're In Control

The MediaPress software includes an impressive batch capability which lets you automate capturing from external devices or transcoding from QuickTime files.

Each item in a batch can have unique settings, and the resulting MPEG streams can be saved individually, or combined into a single stream. And you get complete control over every MPEG parameter, including GOP size and pattern, average and peak bitrates, and multiplexing format.

The timed capture feature can be used to encode for a fixed length of time from a 'live' source. Just specify a starting date and time, along with a duration, and MediaPress does the rest. Or if you just want to start capturing and stop after a certain elapsed time, simply enter a duration.

Batches can be saved for later use or reuse, and settings can be saved as custom presets for easy recall later.

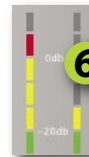
DVD Studio Pro Integration

You can automatically create chapter markers for each batch item. When you import your encoded files into Apple DVD Studio Pro, the markers will already be there; no more tedious placement of markers after the fact.

In addition can even import a edit decision list (EDL) to automatically set up a batch capture and assign chapter names.

Unmatched Features

No other realtime encoder, at any price, can match all the great professional features of the MediaPress encoders. In addition to encoding from external inputs, you can transcode your QuickTime files directly to MPEG. This is very useful if you've already got material in your computer and don't want to have to go back out to tape to encode.



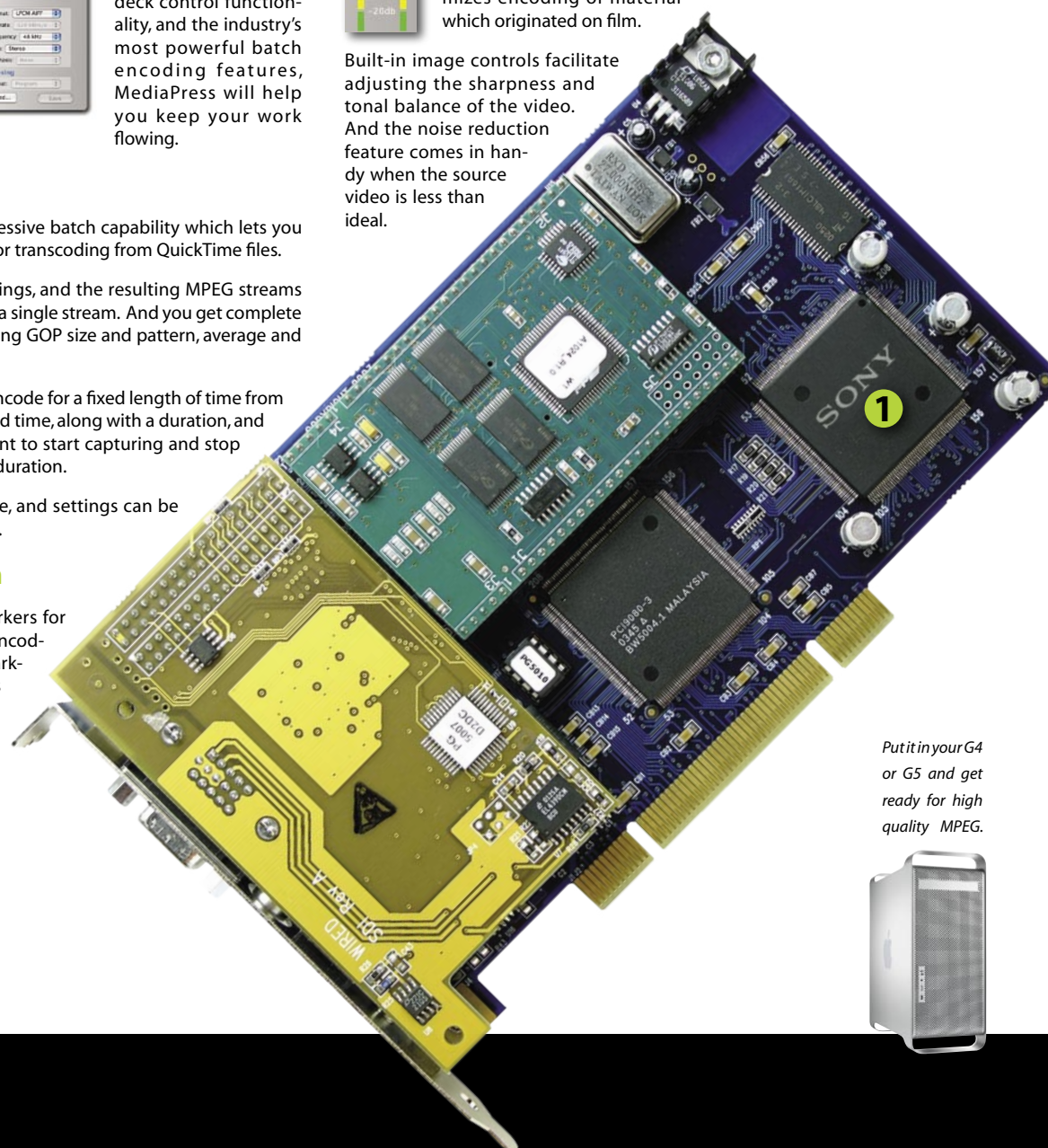
Built-in level meters simplify audio setup.

Flexible inverse telecine optimizes encoding of material which originated on film.

Built-in image controls facilitate adjusting the sharpness and tonal balance of the video. And the noise reduction feature comes in handy when the source video is less than ideal.

MediaPress Features

- 1 High quality realtime hardware encoder
- 2 Realtime preview and playback built in
- 3 Powerful batches and deck control
- 4 Chapter markers for Apple DVD Studio Pro
- 5 Flexible encoding settings
- 6 Audio level meters



Put it in your G4 or G5 and get ready for high quality MPEG.



WIRED

Industrial Strength MPEG Encoding for Macs

All the Right Connections

MediaPress X is seriously connected.

You can capture video through composite (RCA), s-video, component (YUV) or SDI inputs. For audio, you've got analog balanced and unbalanced stereo inputs, plus AES/EBU and SPDIF digital inputs. Whatever your sources, we'll hook you up.

The **MediaPress LE** gives you composite (RCA), s-video, and component (YUV) video inputs, plus analog stereo audio inputs (you can add balanced audio with the optional BUB Box.)

Industry Standard Deck Control

The MediaPress system incorporates powerful deck control technology. It is compatible with virtually every serial-controlled professional video deck out there, and makes it easy to select and encode precisely the clips you want from a tape. With an optional adapter, you can even control consumer and prosumer decks which have LANC ports.

Precision Preview with the Mason HD Decoder

MediaPress features built-in software decoding which lets you preview your encoding in realtime with no additional hardware. The preview window is resizable and delivers a pristine on-screen image.

For more demanding applications, you can add the all-new **Mason HD™** decoder card, for hardware-powered preview on professional monitors and TVs. The Mason HD features s-video, component and DVI outputs, for the ultimate in preview accuracy and flexibility.

Either way you can even play back your encoded material from within the MediaPress application.



A Company You Can Trust

Wired has been designing and manufacturing MPEG products for over 13 years. We started long before most companies had even heard of MPEG. In addition to our commercial products like the MediaPress, Wired continues to provide MPEG-related engineering services and intellectual property to some of the world's leading technology companies.

Wired products are sold by professional video resellers worldwide. Let us show you how you can be more productive with a MediaPress X or MediaPress LE MPEG encoder from Wired.

BUB Box™ for Analog Audio

The **MediaPress X** includes the BUB Box (balanced-un-balanced) audio adapter which adds balanced audio inputs and level controls. Designed for the most demanding pro, this precision accessory is engineered with only the finest components, including Ultralink™ cables and connectors. The BUB Box is also available as an option for the **MediaPress LE** and older MediaPress cards.



MediaPress Specifications

MPEG Formats

- MPEG-1 elementary stream
- MPEG-1 multiplexed system
- MPEG-2 elementary stream
- MPEG-2 multiplexed program

Video Data Rates

- 128 kbps – 15 mbps

MPEG-1 Resolutions

- NTSC/Film: up to 352x240
- PAL: up to 352x288

MPEG-2 Resolutions

- NTSC/Film: up to 720x480
- PAL: up to 720x576
- 1/2 D1
- 2/3 D1

Video Standards

- NTSC – 29.97, 30 fps
- Film – 23.976, 24 fps
- PAL – 25 fps

Audio Formats

- MPEG audio - layer I & II
- Stereo, Joint stereo
- Dual & Single channel
- PCM audio - 16 bit
- Raw, WAV and AIFF
- 32, 44.1 or 48 kHz

Video Inputs

- Composite - RCA
- S-video - Y/C
- Component (YUV) - 3 BNC
- SDI* - BNC

Audio Inputs

- Unbalanced - 3.5mm
- Balanced - XLR**
- SPDIF* digital - RCA
- AES/EBU* digital - XLR

DVD-related Features

- Automatic chapter creation for DVD Studio Pro
- 4:3 or 16:9 aspect ratio
- Combine multiple clips into one output file

System Requirements

- Macintosh G4 or higher
- Mac OS X version 10.3.0 or higher
- Available PCI slot
- Serial port for deck control (either GeeThree Stealth port or Keyspan USB-to-Serial adapter)

Warranty

- One year parts & labor
- * MediaPress X only
- ** Included with MediaPress X; optional on MediaPress LE



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