



# WIRED

## MediaPress and MediaPress LE Detailed Specifications - 2/05

### Included Hardware

- PCI short card, PCI ver 2.3, 3.3volt signalling, G4 & G5 compatible
- Input breakout cable, 10 feet, 5 BNC male + RCA female + XLR female
- Deck control serial cable, mini-din 8pin male to DB9 male
- \*\* BUB box, balanced audio input adapter

### Video Inputs - NTSC or PAL format

- Composite video, RCA female connector, 1Vp-p signal levels
- S-Video, mini-din 4pin female connector
- YUV, 3 BNC male connectors on breakout cable
- \* SDI, 1 BNC male connector on breakout cable, SMPTE 259M compatible

### Audio Input Specs

- Analog unbalanced, 3.5mm stereo jack, 3.0 V<sub>p-p</sub> clip level, 1.0 V<sub>RMS</sub>, 0dBV, 10Kohm
- \*\* Analog balanced using BUB box, +4dB, user adjustable attenuation, 2 XLR female connectors
- \* Digital S/P DIF, PCM 16bits, 32K, 44.1K, 48KHz samplerate, RCA female connector on breakout cable
- \* Digital AES/EBU, PCM 16bits, 32K, 44.1K, 48KHz samplerate, XLR female connector on breakout cable

\* Not included in LE version

\*\* Not included in LE version; available separately



# WIRED

## Video MPEG Encoding

Input formats, NTSC 29.97 fps, PAL 25 fps, film 24 fps

MPEG1 Elementary Streams, ISO/IEC 11172-2

Resolutions 352x240, 352x288

MPEG2 Elementary Streams, ISO/IEC 13818-2

Resolutions 352x480, 352x576, 720x480, 720x576

Compression datarates, 128kb/s to 15mb/s, CBR & VBR

GOP adjustments, user selectable size and pattern, open or closed

Inverse Telecine, Scene-Change detection

Video input adjustments, Brightness, Saturation, Contrast, Phase (tint)

Video input filters, Smoothing (Low-Pass filter), Noise (Temporal filter), Sharpness

## Audio Encoding

PCM, MPEG audio Layer 1 and Layer 2

Sampling rate, 32K, 44.1K, 48KHz

PCM recording 16-bit

LPCM raw data, WAV data, AIFF data

MPEG encoding, bitrates 32kb/s to 448kb/s

Stereo, Joint stereo, Dual channel, Single channel

## Multiplexed Streams

System stream multiplexing for MPEG1 formatted video and MPEG audio

Program stream multiplexing for MPEG2 formatted video and MPEG audio

## Preview

Software realtime preview within the MediaPress X application

Hardware realtime preview with the MasonHD MPEG decoder (Q205)