



## **PHOENIX 2.0 EQUIPMENT**

### **COMPUTER**

#### REQUIREMENTS:

#### RECOMMENDED:

Javelin recommends the following configuration from Dell. This configuration was available for around \$1,300 in May 2007.

Dell Dimension 9200

Base Unit:	Intel Core 2 Duo Processor E6600 (2.4GHz,1066FSB) with 4MB cache (222-3547)
Memory:	2GB DDR2 SDRAM at 667MHz (311-5121)
Video Card:	NVIDIA GeForce 7300 LE (320-4944)
Hard Drive:	320GB Serial ATA 2 Hard Drive (7200RPM) (341-3190)
Floppy Disk Drive:	No Floppy Drive Requested (341-3865)
Operating System:	Microsoft Windows XP Professional,Service Pack 2, English (420-4838)
CD-ROM or DVD-ROM Drive:	16X DVD-Rom Drive (313-4421)
Sound Card:	Integrated Audio (313-2758)

### **COMPUTER MONITOR**

Javelin recommends at least a 19" non-wide format monitor with a minimum desktop size of 1280x1024.

### **BLACKMAGIC DECKLINK**

Phoenix has been designed and tested with two models of Blackmagic Decklink I/O cards, the Standard and the Pro. The Standard card costs around \$300 and provides SDI digital video output and SPDIF digital audio output. If analog video is not required Javelin recommends the Decklink Standard. However if analog video is required, the Decklink Pro offers both component and composite output.

PLEASE NOTE: Decklink requires a free 64-bit PCI or PCI-X slot.

### **VIDEO MONITOR**

For best QC results Javelin recommends use of a high-quality reference video monitor with a SDI (serial digital interface) connection & aspect ratio control. Phoenix can also be used with consumer and prosumer monitors via component or composite analog video connection (if configured with Decklink Pro). All video output from Phoenix uses BNC connectors. BNC->RCA adapters may be required to connect to consumer/prosumer monitors.

### **AUDIO RECEIVER**

#### REQUIREMENTS:

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Coax digital audio input with Dolby AC3 and DTS decoding.  
Processing of professional AES3 audio bitstream.

RECOMMENDED:

Javelin recommends the Sony STR-DG500 6.1 Channel Home Theater Receiver. It is available at Amazon for \$160 as of May 2007:

[http://www.amazon.com/Sony-STR-DG500-Channel-Theater-Receiver/dp/B000ETYO7C/ref=pd\\_bbs\\_sr\\_2/103-2579802-4816648?ie=UTF8&s=electronics&qid=1179783705&sr=8-2](http://www.amazon.com/Sony-STR-DG500-Channel-Theater-Receiver/dp/B000ETYO7C/ref=pd_bbs_sr_2/103-2579802-4816648?ie=UTF8&s=electronics&qid=1179783705&sr=8-2)

OTHER:

Sony STR-DE697  
Sony STR-DE698

NOT RECOMMENDED:

There is a known issue with Yamaha receivers. Due to the fact that Phoenix outputs a professional AES3 bitstream at least some Yamaha receiver models stop processing data and consequently do not play audio when connected to Phoenix. This was a design choice made by Yamaha.