

Bluefish444 7.9.1 Release Notes

August 28, 2009

Epoch Installer

This installer supports Apple Mac OS X 10.5.8

This installer supports Apple Final Cut Pro (6.0.6) with QuickTime 7.6.2

This installer supports:

- Mac Pro 8-Core 2.8GHz (2008) with 4GB RAM
- Mac Pro 8-Core 2.26GHz (2009 Nehalem) with 4GB RAM

Support for the following Bluefish444 hardware (running firmware version 268):

- CreateHD
- Create2K
- Create2K Ultra
- Epoch Horizon
- Epoch2K Horizon

Recommendation:

It is recommended that you disable Spotlight on the Capture/Scratch volume. Open System Preferences, select Spotlight, then on the Privacy tab add the appropriate disk volume.

Features:

- Support for video I/O of the following video standards:
1080psf23, 1080psf24, 1080i50, 1080i59
NTSC, PAL
- Support for Apple Uncompressed 4:2:2 8 and 10 bit QuickTime formats
- Support for Apple ProRes 422 (HD support on 8-core MacPro only)
- Support for Apple DV, DVCPRO and DVCPRO50 formats
- Support for Bluefish444 Uncompressed 4:4:4 10 bit QuickTime format
- Support for 16 channel playback/capture of embedded AES/EBU digital audio
- Support for 8 channel playback/capture of AES/EBU digital audio
- Support for 2 channel monitoring of analog audio
- Support for the built-in RS-422 port

New Features:

- Support for the Epoch card
- Support for Final Cut Pro 6.0.6:
- Support for Mac OS X 10.5.8
- Support for QuickTime 7.6.2
- Autodesk Combustion 2008 framebuffer plugin

Changes since 7.9:

- Added support to filter video output display modes using the Feature Control Application
- Added additional Final Cut Pro Apple ProRes 422 HD presets
- Fixed crash during long playback of DV clips
- Fixed Feature Control application recognition of NTSC signals
- Corrected 720p Final Cut Pro presets to default to embedded audio capture
- Fixed Edit To Tape duplicate first frame problem with Sony decks
- Fixed issue where audio was sometimes not output during Edit To Tape

Final Cut Studio support

- Support for Final Cut Pro's RTExtreme software real-time effects in Apple Uncompressed 4:2:2 sequences
- Support for Offline mode - capture to Apple's OfflineRT format
- User presets for Final Cut Studio (6.0.6)
- Mirroring on desktop for Final Cut Studio (6.0.6)
- Non-realtime preview during capture

After Effects CS4 support

- QuickTime video output support for Adobe After Effects
- Adobe After Effects RAM RealTime RAM preview

Photoshop CS4 support

- Export plugin to preview video/alpha on broadcast monitor
- Import plugin to capture image from card input

Bluefish444 Feature Control

- Ability to save/open settings as a profile
- Ability to adjust settings while other applications are using the card
- Improved AppleScript support to allow automated configuration of card settings
- Undo/Redo
- Notes panel to document your current settings using fully formatted and internationalized text and images
- Displays driver and card firmware version

Tips:

- If when selecting an Easy Setup preset, Final Cut Pro reports that it is unable to locate an external A/V Bluefish444 device, you will need to use the Feature Control application's 'QuickTime' panel to filter out unused video display modes. (At any given time, Final Cut Pro can only display a sub-set of the available Bluefish444 display modes.) Restart Final Cut Pro and the problem should be solved.
- To restore your card settings, save your Bluefish444 Feature Control document and put it in your account's Startup Items, replacing the Bluefish444 Feature Control entry put there by the installer
- To improve DV/DVCPRO/DVCPRO50 playback quality, ensure Final Cut Pro's Playback Quality setting (in the RT pull-down menu of your sequence) is set to High (it defaults to Medium for these settings)

Hardware Requirements:

Mac Pro: ATTO UL5D PCIe SCSI card with version 4.3.3 drivers and 18th February 2008 firmware

Mac Pro: CalDigit HDPro RAID with 1.9.3 software and firmware

Refer to the web site at www.bluefish444.com for further details.

Known Issues:

- Not recommended to use audio in applications other than Final Cut Pro
- Static recorded on unconnected AES channels
- Playback of video in Final Cut Studio's Color may drop frames
- Scalars not supported

- 2K video standards not supported
- Dual-link input not supported
- Second desktop support not included
- Refresh of Final Cut Pro Log and Capture video preview is sometimes slow when not actually recording footage
- Bluefish444 Uncompressed 4:4:4 10 bit QuickTime format not supported on Windows products

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