



Bluefish444 7.8.1 Release Notes

Mac OS X

SD|Focus

Thursday, May 08, 2008

**Bluefish444 7.8.1 Release Notes****May 8, 2008****SD|Focus Installer**

This installer supports Apple MacOS 10.5.2

This installer supports Apple Final Cut Studio (6.0.3) with QuickTime 7.4.5

This installer supports:

- Mac Pro Quad 2.66GHz (2GB RAM)
- Mac Pro 8 Core 2.66GHz (4GB RAM)

Support for the following Bluefish444 Hardware :

-SD|Focus

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 NTSC and PAL
- Support for 8 and 10 bit video I/O:
 - Output: SDI, Composite, S-Video, Component YUV, Component RGB
 - Input: SDI
- Support for Apple Uncompressed 4:2:2 8 and 10 bit QuickTime formats
- Support for Apple ProRes 422 and Apple ProRes 422 (HQ) formats
- Support for Apple DV, DVCPRO and DVCPRO50 formats
- Support for Bluefish444 Uncompressed 4:2:2 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 playback/monitoring of analog audio
- Support for multiple cards
- Support for the built-in RS-422

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 and playback of Photo JPEG clips, capture to Apple's OfflineRT format
- User presets for Final Cut Studio (6.0.3)
- Mirroring on desktop for Final Cut Studio (6.0.3)
- Non-realtime preview during capture

After Effects CS 3 support

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

Photoshop CS 3 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
- Preserves analog settings independently for each input source
- Preserves analog settings independently for Composite/S-Video and Component output sources
- Displays driver and card firmware version

**Tips:**

- 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 4.2.0 drivers and 5th September 2007 firmware

For deck control, the built-in RS-422 serial port.

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

A Playback Offset of +1 frame may be required in Final Cut Pro's Device Control Presets for accurate Edit To Tape.

A Capture Offset of +1.6 frames may be required in Final Cut Pro's Device Control Presets for accurate batch captures.

Changes since 7.8:

- Reference timing adjustments now work correctly

Known Issues:

- Bluefish444 Feature Control analog signal settings are reset to defaults when opening a new document. To workaround:
 - Save your document before exiting Bluefish444 Feature Control
 - If you need a new document with the current analog settings, save it, duplicate it in the Finder and open the duplicate.
- For timecode accurate capture, use Bluefish444 Feature Control to set the desktop video standard to the same as the input video standard.
- Power PC Rosetta applications will fail to access the Universal Bluefish444 Quicktime component.
- On the MacPro, when Final Cut Pro is not playing back, Bluefish444 Uncompressed 4:2:2 footage may be displayed with slightly inaccurate colours. (Playback and Edit to Tape is not affected.)
- Stopping then restarting playback in rapid succession may occasionally result in AES/analog audio glitches.