



Bluefish444 Installer 5.9.0 (Final)

Driver version 5.9.0.25

8 February 2010

For PCI-E (4 lane):

**Epoch|Horizon
Epoch|2K Horizon
Create|HD Base
Create|2K Base
Create|2K Ultra Base**

Supported Operating Systems:

- Windows 7 (64-bit)
- Windows Vista (32 & 64 bit)
- Windows XP 32-bit
- Server 2003.

Hardware Updates:

Added support for Epoch and Create range of PCI-E HD cards.

Installer History:

Installer Version 5.9.0 (Final)

Driver version 5.9.0.25

Included software

- Driver SDK Version, 5.9.0.25
- Symmetry 3.9.0
- Bluefish444 Feature Application.
- DMA Bench Mark tool
- SCSI Bench Mark tool
- Bluefish444 QuickTime v210 10-bit codec

Supported 3rd party software

- Adobe Creative Suite CS4:
 - Adobe Premiere Pro CS4
 - Adobe After Effects CS4
 - Soundbooth CS4
 - Adobe Photoshop CS4.
- Eyeon Fusion

Supported Video Modes (depends on card specifications)

- Film 2K X 1080 4:4:4 & 4:2:2 @ 24 p/psf & 23.98 p/psf
- HD 1920 X 1080i @ 60, 59.94, 50 fps
- HD 1920 X 1080p @ 30, 29.97, 25, 24, 23.97 fps
- HD 1920 X 1080psf @ 24, 23.97 fps
- HD 1280 X720p @ 59.94, 50 fps
- PAL & NTSC 4:3 and Widescreen

Supported File Formats

Video

- 10 bit RGB Cineon Sequential file format (wrapped in *.sym file format)
- 10 bit RGB DPX Sequential file format (wrapped in *.sym file format)
- 10 bit YUV QuickTime v210
- 8 bit QuickTime 2VUY
- 8 bit RGBA TARGA
- 8 bit YUV AVI

Audio

- Uncompressed WAV 16 bit 48 kHz PCM format.

Fixes:

Symmetry log messages has been improved.
On capture embed audio, AES play-through is enable.

Known Issue:

New installer won't replace or update the driver. User should remove the old installer before install a new version.

When Windows indexing function is active, drop-frames & discontinued timecode error might occur

Version 5.9.0 Beta 1

Fixes:

Output playback preview is synced to SDI IN.

New Features:

- Capture and playback of 24 bit audio files.
- Capture and playback of multiple audio *.wav file format.
- Support for new RF64 wave file format.
- Support 64 bit ASIO

Known Issue:

When Windows indexing function is active, drop-frames & discontinued timecode error might occur

Adobe CS4 Production Studio

New Features:

New DVCPro sequence presets of 1440 x 1080 & 1280 x 1080

Version 5.8.2

Included software

- Driver SDK Version, 5.8.0.31
- Symmetry 3.8.3.9
- Bluefish444 Feature Application.
- DMA Bench Mark tool
- SCSI Bench Mark tool
- Bluefish444 QuickTime v210 10-bit codec

Supported 3rd party software

- Adobe Creative Suite CS4:
 - Adobe Premiere Pro CS4
 - Adobe After Effects CS4
 - Soundbooth CS4
 - Adobe Photoshop CS4.
- Eyeon Fusion

Supported Video Modes (depends on card specifications)

- Film 2K X 1080 4:4:4 & 4:2:2 @ 24 p/psf & 23.98 p/psf
- HD 1920 X 1080i @ 60, 59.94, 50 fps
- HD 1920 X 1080p @ 30, 29.97, 25, 24, 23.97 fps
- HD 1920 X 1080psf @ 24, 23.97 fps
- HD 1280 X720p @ 59.94, 50 fps
- PAL & NTSC 4:3 and Widescreen

Supported File Formats

Video

- 10 bit RGB Cineon Sequential file format (wrapped in *.sym file format)
- 10 bit RGB DPX Sequential file format (wrapped in *.sym file format)
- 10 bit YUV QuickTime v210

- 8 bit QuickTime 2VUY
- 8 bit RGBA TARGA
- 8 bit YUV AVI

Audio

- Uncompressed WAV 16 bit 48 kHz PCM format.

Fixes:

- Added support for windows 7 (64-bit) OS

Adobe CS4 Production Studio

Fixes:

- Fixed 59 fps default of importing and playback of 50 fps TGA file format in Premiere Pro and After-Effects.
- Fixed change of video length when applying effect to 29.97fps clip in Premiere Pro timeline.
- Fixed issue of nested sequences in Premiere Pro displaying wrong timecode
- Fixed issue of Premiere Pro crashing after capturing sequential files
- Fixed issue of Premiere Pro not displaying the right color-marking in the timeline
- Fixed issue of not being able to import QuickTime None codec in Premiere Pro
- Fixed issue of 1 added audio frame to 29fps rendered clip
- Fixed Record Setup button not showing in Premiere Pro

Known Issue:

The support for compressed sequence presets are in Beta stage.

Symmetry 3.8.3.9

Known issue:

When capturing AES audio, marked/tick channels without any audio/data on tape will have static noise on them.

5.8.2 Beta 8

Included software

- Driver SDK Version, 5.8.0.30
- Symmetry 3.8.3
- Bluefish444 Feature Application.
- DMA Bench Mark
- SCSI Bench Mark
- Adobe Creative Suite CS4 Plug ins
 - Adobe Premiere Pro CS4
 - Adobe After Effects CS4
 - Sound Booth CS4
 - Adobe Photoshop CS4.
- Adobe Creative Suite CS3 Plug ins
 - Adobe Premiere Pro CS3
 - Adobe After Effects CS3
 - Sound Booth CS3
 - Adobe Photoshop CS3.
- Adobe Production Studio Plug ins
 - Adobe Premiere Pro 2.0. Open HD Certified Plug-ins
 - Adobe After-Effects 7.0.

- Adobe Audition 2.0.
- Adobe Photoshop CS2.
- Autodesk 3D Studio Max 8/9 Plug-ins
- QuickTime Codec v3.3.0.6.
 - Includes Bluefish444 QuickTime 10bit V210 codec
- Supports 8 and 16 bit RGB and 10bit YUV V210 pixel formats

Known Installer Issue:

Driver should be manually installed on windows 7 and windows and 2008 server.
To install the driver on Windows 7 and Windows 2008 server run the
blueconsole_driver_install64.exe located in the driver folder.

Adobe CS4 Production Studio

New Features:

- Added new file formats for capture, import and playback: *.sym file format (Bluefish444 file format), QuickTime 8 bit YUV (2VUY), AVI 8 bit YUV, Cineon RGB 10 bit, DPX RGB 10 bit, TGA RGB/RGBA 8 bit (wrapped as *.sym file).
- Improved playback to play non-Bluefish supported files (i.e. wmv mpeg2 etc.) in real time.

Fixes:

- Fixed the problem of setting the print to tape offset.
- Fixed the crash when rendering video and audio.
- Fixed the problem that when applying title to a clip on the timeline, the clip after the title also need rendering.
- Fixed the problem that when stop a playback, screen preview stopped a few frames ahead of SDI output.
- Fixed the problem of playing SMPTE color matrix range.
- Fixed Adobe memory leak during playing and rendering.
- Fixed the STOP command delay 5 to 10 frames when playing a clip.

Symmetry 3.8.3

New Features:

- Support 16 channels audio capture.
- Support playing RF64 WAV file as one solution to play over 4GB audio file.

Fixes:

- Fixed the problem of setting the print to tape offset.
- Improved the shuttle control.

Known issues:

- No visual reference on current clip in BIN being processed during a batch capture process.
- Capture support for RF64 BWF wave has not been implemented.

Deck Control plug-ins

Adobe Premiere Pro CS4 and Symmetry ships with built in Serial VTR control using the system COM ports and Bluefish444 VTR port.

You can use the supported rs-422 (9 pin COM port) to rs-232 cable supplied.

Support Contact Details:

You must register your product for email and/or phone support which is free for the life of the warranty at:

<http://www.bluefish444.com/products/warranty/register.asp>.

Before contacting Bluefish444 support team, please contact your system integrator reseller first.

In order to resolve your issues quickly please ensure that you can provide the following information when contacting Bluefish444 support:

- card serial number
- Proof of purchase (date & location)
- Host system/workstation configuration and manufacture (motherboard, CPU, chipset, RAM & other devices installed).
- Storage array configuration,
- OS version.
- Other applications installed
- Other relevant detail information

Hardware compatibility guide

This site has detailed information on tested and certified hardware categorized by motherboards, systems and integrators.

<http://www.bluefish444.com/support/compatibility/hardware/>

Software compatibility guide

Current list of released retail software that is compatible with the Bluefish444 product range.

<http://www.bluefish444.com/support/compatibility/software/>

Contact

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