

## What's new in Matrox Axio 3.0?

- Adobe Creative Suite 3 Production Premium support
- Uncompressed 10-bit HD and SD editing on Axio LE
- New progressive SD editing resolutions
- Sony HDV 1080p support (HVR-V1 cameras)
- Canon 24f and 30f mode support
- Sony XDCAM HD 1080p @ 29.97 fps and XDCAM HD export support
- Realtime color correction using RGB curves
- Realtime Adobe garbage masks
- Realtime sphere effect
- Realtime time code

### Adobe Creative Suite 3 Production Premium support

The Axio 3.0 release works only with Adobe Premiere Pro CS3.

A new feature that is particularly attractive to Axio users is support for Blu-ray. You can now deliver a high definition DVD using Adobe Encore CS3 that is included in the Adobe CS3 Production Premium bundle and with the Adobe Premiere Pro CS3 point product.

Current Axio customers must obtain an upgrade to the new Adobe software from Adobe in order to use the Axio 3.0 release. If you purchase Axio bundled with Adobe software from March 27, 2007 (May 8, 2007 in Japan) through August 28, 2007, you qualify for a complimentary upgrade to the equivalent Adobe CS3 product from Adobe when it ships.

### Uncompressed 10-bit HD and SD editing on Axio LE

The Axio 3.0 release adds realtime uncompressed 10-bit HD and SD editing support to the Matrox Axio LE platform.

### New progressive SD editing resolutions

The Axio 3.0 release provides realtime native editing in the following progressive standard definition resolutions:

- 486p @ 29.97 fps
- 576p @ 25 fps

Support for these new resolutions is particularly useful for users of the Panasonic DVX100 and HVX200 lines of cameras. Use of the progressive formats makes your video productions look more like film.

### Sony HDV 1080p support (HVR-V1 cameras)

The Axio 3.0 release provides seamless realtime native editing in all the HDV resolutions of the Sony HVR-V1 cameras including the following progressive resolutions:

- 1440x1080p @ 29.97 fps
- 1440x1080p @ 25 fps
- 1440x1080p @ 23.98 fps

While editing in these resolutions the output is 1920x1080i @ 29.97 or 1920x1080i @ 25.

The Sony HVR-V1 cameras feature an optional Sony hard drive unit, the HVR-DR60, which captures MPEG-2 elementary files (m2t). The Axio 3.0 release provides realtime native editing of m2t files that are captured on the hard drive unit.

### Canon 24f and 30f mode support

Axio currently supports the Canon 1080i resolution. The Axio 3.0 release supports the 24f and 30f modes as well. These are 23.98 fps and 29.97 fps HDV recording formats.

### Sony XDCAM HD 1080p @ 29.97 fps and XDCAM HD export support

The Axio 3.0 release adds realtime native editing support for the Sony XDCAM HD 1080p @ 29.97 fps format. It also provides export of native Sony XDCAM HD MXF files for complete file-based workflow support in HD.

### Realtime color correction using RGB curves

RGB curves control have been added to the Matrox Axio color corrector. RGB curves offer a fast, natural way to fine-tune the colors in your video. If, for example, you want to remove a blue tint from your video, you simply drag the blue curve down. With RGB curves you can also achieve wild color effects and other looks that are otherwise impossible.

### Realtime Adobe garbage masks

The Axio 3.0 release overwrites the Adobe Premiere Pro 4-, 8-, and 16-point garbage mask effects so they become realtime in both HD and SD. A garbage mask is often used when compositing multiple layers. For example, when applying a key, it is often desirable to apply a garbage mask so that you can crop unwanted objects from the background.

### Realtime sphere

The realtime sphere effect lets you morph your video into spheres with shadow and highlight. The degree of morphing, the radius of the sphere, and the location of your light source are all keyframeable.

### Realtime time code

The Axio 3.0 release overwrites the Adobe Premiere Pro timecode filter so that it becomes realtime. The realtime time code effect lets you generate and overlay a time code counter on a video production. You can use it to make a dub of source tapes with time code "burn-in" then use these tapes to log scenes, create edit decision lists, or get client feedback on your finished production.