

# **Matrox Axio**

Release Notes  
November 30, 2006



Y10935-401-0250

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# Contents

<b>About these release notes .....</b>	<b>1</b>
<b>What's new in this release? .....</b>	<b>1</b>
<b>Installing Matrox Axio.utils version 2.5 .....</b>	<b>2</b>
<b>Exporting to tape using Pipeline ProVTR RS-422 device control ....</b>	<b>3</b>
<b>Issues when working with long or complex projects.....</b>	<b>4</b>
Sluggish user interface issues.....	4
Low-memory issues.....	4
Suggestions for dealing with sluggish user interface and low-memory issues .....	5



## About these release notes

These release notes provide a list of new features and other important last-minute information applicable to Matrox Axio.utils version 2.5. This information supplements the *Matrox Axio Installation and User Guide* (October 30, 2006) and the Matrox Axio Readme.

## What's new in this release?

Matrox Axio.utils version 2.5 provides the following new features:

- Native *.mxf* file support for Panasonic P2, Sony XDCAM, and Sony XDCAM HD in Adobe Premiere Pro and After Effects.
- Support for Matrox HDV files and Matrox Flex CPU effects in Adobe After Effects.
- Support for creating 720p projects at the following frame rates: 23.98, 25, 29.97, 50, and 59.94. This includes HDV and DVCPRO HD support.
- Panasonic VariCam capture for 720p @ 23.98 fps and 25 fps projects.
- Improved HDV editing performance by creating an HDV 1080i (1440×1080) project that includes only HDV clips.
- Realtime playback of Adobe native HDV files (*.mpeg*) and Focus Enhancements FireStore HDV files (*.m2t*).
- Realtime mixing of additional compression formats, file formats, and resolutions on the timeline, such as *.mxf* (Panasonic P2, XDCAM, or XDCAM HD), *.mpeg*, *.m2t*, and downscaling 1080i clips in an SD project.
- Matrox EZ-MXF utility for native *.mxf* file support in Video for Windows (VFW) applications.
- New “+ Alpha” Matrox VFW codecs that let you render compositions and animations that have an alpha channel to a Matrox uncompressed or MPEG-2 I-frame *.avi* file that includes the alpha-key information (HD or SD resolution).
- Utility for converting a 32-bit *.tga* sequence to a single *.avi* file with alpha for realtime playback on your Axio system.
- Thumbnail previews and additional file details for clips in Windows Explorer and Adobe Premiere Pro.
- WYSIWYG video output for Adobe Bridge, Windows Media Player, and other DirectShow-based applications.
- Improved color correction tools, including better color wheel and color picker precision, a new split view, and a luminance slider for each tonal range.
- Eight new Matrox realtime/accelerated effects: crystallize, cube, impressionist, lens flare, move & scale, old movie, ripple, and twirl.

## Installing Matrox Axio.utils version 2.5

If you have a previous version of Matrox Axio.utils installed on your computer, you must uninstall it by choosing **Start > All Programs > Matrox Axio.utils > Uninstall Matrox Axio.utils**, or you can choose **Uninstall Matrox Axio.utils** from the Matrox Axio menu on your Matrox Axio installation DVD. You must also choose to remove the Matrox effect patterns when prompted.



**Important** Before installing Matrox Axio.utils version 2.5, you must install Adobe Premiere Pro 2.0. on an NTFS-formatted drive.

After installing Adobe Premiere Pro 2.0, you should install any other third-party programs for which you want to install the Matrox WYSIWYG plug-in, such as Adobe After Effects, Adobe Photoshop, and eyeon Fusion. To install Matrox Axio.utils, choose **Install Matrox Axio.utils** from the Matrox Axio menu. For details on installing Matrox Axio.utils and other Matrox Axio software, see your *Matrox Axio Installation and User Guide*.

## Exporting to tape using Pipeline ProVTR RS-422 device control

The Pipeline ProVTR plug-in for Adobe Premiere Pro lets you control your VTR while performing export to tape operations. For information about setting up Pipeline ProVTR RS-422 device control, see your *Pipeline ProVTR User Guide*.



**Note** Pipeline ProVTR is bundled with Matrox Axio HD and SD. Matrox Axio LE customers can purchase Pipeline ProVTR directly from Pipeline Digital, Inc.



**To export your sequence to tape using ProVTR RS-422 device control:**

- 1 Open the project and activate the sequence you want to export to tape.
- 2 Make sure your VTR is properly connected, turned on, and set to Remote mode.
- 3 Load a striped recordable tape into your VTR.
- 4 Choose **Edit > Preferences > Device Control**, and select **ProVTR 7.1** from the **Devices** list.
- 5 Click **Options** and make sure that the ProVTR setup options are correctly set as explained in your *Pipeline ProVTR User Guide*.
- 6 Choose **File > Export > Export to Tape**.

For more details about exporting your sequence to tape using Pipeline ProVTR device control, see your *Pipeline Pro VTR User Guide*.



**Important** Before disconnecting your device, make sure that you turn off the ProVTR device control by setting the device control to **None** or selecting another type of device control. As well, make sure that your device is properly connected before you select the ProVTR device control. Otherwise, you won't be able to access the **File** menu in Adobe Premiere Pro.

## Issues when working with long or complex projects

When working with long or complex projects in Adobe Premiere Pro, there are two types of issues that may occur: sluggish behavior of the user interface and low-memory issues. The following sections describe these issues and give some suggestions on how to help avoid them.

### Sluggish user interface issues

While editing in Adobe Premiere Pro, such as when trimming clips or adjusting controls for a Matrox color correction, the user interface may be slow to respond and you may get the “Updating Timeline” message. For example, while trimming or scrubbing a clip or selecting new colors in the color balance graph, the video preview may freeze or be slow to update. Once this happens, you may have to wait up to two minutes for the video preview to resume.

### Low-memory issues

There may also be times when your system is running low on memory. Each process in Windows XP can use a maximum of only 2 GB of memory, regardless of the amount of physical memory (RAM) you have in your computer. This means that whenever Adobe Premiere Pro needs to perform a very memory-intensive operation, there’s a chance that you’ll encounter one or more of the following symptoms of low memory:

- Non-realtime segments of the timeline are output as red video. This occurs when you preview clips, export clips to disk, or export clips to tape.
- You get errors or Adobe Premiere Pro crashes when you do any of the following:
  - Open a project, start Adobe Title Designer, start the Project Manager, or open the **Capture** or **Trim** panel.
  - Copy and paste large sections of a sequence.
  - Start an export to disk or a loop playback after a long editing session.

If you experience any of the above low-memory issues and you’re still able to work in Adobe Premiere Pro, immediately save your project or choose **File > Save As** to save a copy of your project, and then quit Adobe Premiere Pro.

## Suggestions for dealing with sluggish user interface and low-memory issues

Here are some suggestions to help avoid sluggish user interface and low-memory issues:

- In Windows Control Panel, double-click the **System** icon, click the **Advanced** tab, click **Settings** under **Startup and Recovery**, and then click **Edit**. Depending on your Axio hardware, make sure that the following text is present in your *boot.ini* file on the line directly below [operating systems]:

For Axio HD or SD:  
/3B /USERVA=2500

For Axio LE:  
/3B /USERVA=2700

If needed, update the text or add it to the end of the line and save the file.



**Note** If you're still experiencing low-memory issues on an Axio HD or SD system with the /USERVA value set to 2500, you can try increasing the value to 2700, but be aware that this may cause your system to spontaneously restart or display a blue screen. If this happens, restart your system in safe mode and change the /USERVA value back to 2500.

- Break your large or complex project into multiple sequences, or into two or more separate projects.
- Trim your clips as you build your sequence. For example, after adding a few clips to the timeline, preview and trim the clips if needed before adding more clips. Try to avoid trimming clips in the middle of a sequence.
- While editing and before saving your project, make sure that you have only one sequence open on the timeline (preferably a small sequence). Open only the sequence you want to edit, and close it before opening another sequence.



**Important** To free up the system memory, you may need to save your project with only a small sequence open (not longer than about 15 minutes), then quit and restart Adobe Premiere Pro.

## Your notes





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