

Matrox RT.X2

Release Notes

May 19, 2006



Y10980-401-0100

Trademarks • Marques déposées • Warenzeichen • Marchi registrati • Marcas registradas

Matrox Electronic Systems Ltd.	Matrox [®] , Mx.tools [™] , RT.X2 [™]
Adobe Systems Inc.	Adobe [®] , After Effects [®] , Macromedia [®] , Photoshop [®] , Premiere [®] , Adobe Media Encoder [™] , Clip Notes [™]
Apple Computer, Inc.	Apple [®] , QuickTime [®]
Microsoft Corporation.....	Microsoft [®] , Windows [®] , Video for Windows [™]
NVIDIA Corporation.....	NVIDIA [®]
Panasonic (Matsushita Electric Industrial Co.).....	Panasonic [®] , DVCPRO [™] , DVCPRO50 [™]
Pipeline Digital, Inc.	Pipeline ProVTR [™]
Sony Corporation	Sony [®] , HDV [™]
Steinberg Media Technologies GmbH	ASIO [™]
Victor Company of Japan, Limited (JVC).....	JVC [™] , HDV [™]

• (English) All other nationally and internationally recognized trademarks and tradenames are hereby acknowledged. • (Français) Toutes les autres marques et tous les autres noms déposés reconnus nationalement ou internationalement sont également reconnus par les présentes. • (Deutsch) Alle sonstigen national und international bekannten Warenzeichen und Produktnamen werden hiermit anerkannt. • (Italiano) Eventuali altri nomi di prodotto menzionati in questo manuale sono dei proprietà di rispettivi produttori. • (Español) Por medio del presente se reconocen todas las demás marcas y nombres comerciales reconocidos a nivel nacional e internacional.

Copyright © 2006 Matrox Electronic Systems Ltd. • (English) All rights reserved. • (Français) Tous droits réservés. • (Deutsch) Alle Rechte vorbehalten. • (Italiano) Tutti i diritti riservati. • (Español) Reservados todos los derechos.

Disclaimer Matrox Electronic Systems Ltd. reserves the right to make changes in specifications at any time and without notice. The information provided by this document is believed to be accurate and reliable. However, no responsibility is assumed by Matrox Electronic Systems Ltd. for its use; nor for any infringements of patents or other rights of third parties resulting from its use. No license is granted under any patents or patent rights of Matrox Electronic Systems Ltd.

Unauthorized recording or use of broadcast television programming, video tape, or other copyrighted material may violate copyright laws. Matrox Electronic Systems Ltd. assumes no responsibility for the illegal duplication, use, or other acts that infringe on the rights of copyright owners.

Matrox Electronic Systems Ltd.

1055 St. Regis Blvd., Dorval, Quebec, Canada H9P 2T4

Tel: (514) 685-2630 Fax: (514) 685-2853 World Wide Web: www.matrox.com

Contents

About these release notes	1
Operational limitations	1
Installation and general operation.....	1
Adobe Premiere Pro and Matrox realtime plug-in	1
DV-1394 devices with Adobe Premiere Pro	7
Adobe Premiere Pro RS-422 device control.....	8
Pipeline ProVTR plug-in for Adobe Premiere Pro	8
Matrox Video for Windows codecs.....	9
Matrox WYSIWYG plug-ins	9
Issues when working with long or complex projects.....	10
Sluggish user interface issues.....	10
Low-memory issues.....	10
Suggestions for dealing with sluggish user interface and low-memory issues	11
Exporting to tape using Pipeline ProVTR RS-422 device control ..	12

Your notes

About these release notes

These release notes provide operational limitations and other important last-minute information applicable to Matrox Mx.tools version 1.0. This information supplements the following Matrox RT.X2 manuals:

- *Matrox RT.X2 Quick Installation Guide*
- *Matrox RT.X2 Installation Manual*
- *Matrox RT.X2 User Guide*

Operational limitations

Please be aware of the following limitations applicable to using Matrox RT.X2 with Matrox Mx.tools version 1.0:

Installation and general operation

- When using dual monitors with an NVIDIA display card, you must make sure certain settings are applied in order to display video in a window on your computer screen, such as with Premiere Pro's Source and Program Monitors. You must set the **nView Display Mode** to **Horizontal Span**. (Ref# 31691 & 35591).
- Matrox RT.X2 does not support setting your computer to standby or hibernation mode. (Ref# 38021)
- If you are using an HP L2335 flat panel monitor to preview your DVI video output, you may see tearing in your image. (Ref# 39727)
- When installing the Matrox WYSIWYG plug-ins on a system that is not English, such as a Japanese system, you may need to install some of the WYSIWYG plug-ins manually. To do this, click the **Browse** button and go to the appropriate Plug-ins folder. (Ref# 40459)

Adobe Premiere Pro and Matrox realtime plug-in

- When Adobe Premiere Pro's Motion effect or the Matrox direct manipulation controls are enabled, scrubbing over your clip will be jerky and slow. As a workaround, disable the Motion effect by selecting another control (such as **Opacity**) before scrubbing over your clip. (Ref# 34145)
- When creating a Matrox wipe transition, you may see dotted lines in your output. To eliminate the dotted lines, apply softness to the wipe. (Ref# 33122)
- On a system without Matrox Mx.tools installed, such as a remote editing workstation that doesn't have the Matrox RT.X2 hardware, Adobe Premiere Pro does not support Matrox MPEG-2 I-frame files that were created using the Matrox MPEG-2 I-frame codec that was released with legacy Matrox

products, such as for DigiSuite and Matrox RT.X100 Xtreme Pro. (Ref# 33754)

- When batch capturing video clips with multiple associated stereo audio files, each clip's *.avi* file with only the first associated stereo *.wav* file will be imported automatically into the Premiere Pro Project panel. If you batch capture video clips with associated mono audio files, neither the *.avi* files nor associated mono *.wav* files will be imported automatically. You can manually import any files that are not automatically imported by choosing **File > Import** from the Adobe Premiere Pro main menu. (Ref# 34652)
- Creating keyframes with the Position property of Adobe Premiere Pro's Motion effect may cause shaky playback. To ensure smooth playback, use the Matrox 3D DVE effect to adjust the position of your clip. (Ref# 32359)
- If you apply a Matrox transition and a Matrox effect to a clip that has reverse speed applied to it, creating multiple keyframes will not work correctly. (Ref# 33172)
- If you load a sequence that has a clip with reverse speed change applied into another sequence and split it, the segment after the split will display as black video. (Ref# 33323)
- If you load a sequence that has a clip with a positive speed change into another sequence and split it, the segment after the split will show incorrect frames. (Ref# 33324)
- In HD, the **All Scopes** display mode is very slow to update when working with color mattes. (Ref# 34354)
- When you import DV and MPEG-2 I-frame video clips with a 720×480 resolution into your Matrox RT.X2 project, the image size displayed in the **Project** panel and the **Properties** window will be 720×486. To see the real resolution of the clip, look at the **Actual Image Size** in the **Properties** window. Your clips will be processed and output correctly when you export to file or print to tape. (Ref# 31737)
- When Matrox RT.X2 systematically drops frames in order to preview a non-realtime segment, it will continue to do so briefly in a realtime segment that follows. (Ref# 35845)
- When you change the frame rate of a clip using Adobe Premiere Pro's **Interpret Footage** command, the frame rate is not interpreted correctly in the Source or Program Monitor, which may result in repeated frames at the end of your clip. (Ref# 34578)
- If you load a sequence with a Matrox wipe into another sequence, and apply a speed change less than 100%, you will not see the wipe and the sequence will drop frames. If you apply a speed change greater than 100%, the wipe will appear, but contain dropped frames. (Ref# 35517)

- When you select a Video for Windows or Adobe Premiere Pro preset, if you resize the **Monitor** window during playback, the playback will stop and the Play button will not appear until you click on the Stop button. (Ref# 32574)
- When playing a clip in the Source Monitor, if you click the **Output** button and change the display mode, playback will stop. (Ref# 32278)
- Certain Adobe Premiere Pro effects such as the Brush Strokes effect and the Auto Color effect are very slow to render and may cause Adobe Premiere Pro to become sluggish. (Ref# 36650)
- When creating a Matrox wipe, if you enable the **Show Actual Sources** option and move the B preview area slider, there will be a flash in the first frame of your transition on your video monitor. (Ref# 33283)
- If you chose a Matrox RT.X2 preset for your project, and create a new sequence in Premiere Pro with the **Master** audio track set to **Mono**, you won't be able to export the sequence. (Ref# 36329).
- When setting up your capture device settings for device control in Adobe Premiere Pro's **Capture** panel, you cannot enter negative values for **Timecode Offset** under **Device Control**. (Ref# 36492 & Adobe PR# 1191335)
- If you have an NVIDIA Quadro NVS display card, you may not be able to display clips on your computer screen (such as in the Source and Program Monitors) when playing back clips in a Video for Windows project in Adobe Premiere Pro. (Ref# 32580)
- If you have an NVIDIA display card, the Matrox surface finish effect won't be available unless your NVIDIA display card has at least 512 MB of onboard memory. (Ref# 38843)
- When you are working with large projects, it is recommended that you save your project with only one small sequence open, as it will free up memory to help avoid issues when opening projects. (Ref# 36730)
- For best results, use the Matrox MPEG-2 I-frame codec instead of a Matrox DV codec to capture video when working in an SD project. (Ref# 32466)
- When you select **Show Frames** from the **Set Display Style** menu for the **Timeline** panel, the frame displayed on your video monitor may not always correspond to the frame displayed at the current-time indicator. (Ref# 32412)
- Adobe Project Manager does not support trimming clips that don't match your project's video format, including clips that have been scaled to your project's frame size. For these clips, Project Manager will copy the original material instead of the trimmed version. (Ref# 36839)
- When you apply a Matrox effect to a clip that is not full-screen size, you may notice that the clip does not display as the correct size. To avoid this problem, you should scale your clips to your project's frame size using

Adobe Premiere Pro's **Scale to Frame Size** feature, or use clips that have a resolution that matches your project's video format. (Ref# 38056)

- When using a DV QuickTime (.mov) file in a Matrox RT.X2 project, the aspect ratio may be incorrect and the fields are inverted. To fix the problem, you can use Adobe Premiere Pro's **Interpret Footage** command to change the aspect ratio, and use the **Field Options** command to reverse the field dominance. (Ref# 37695)
- If you enter a fractional value when specifying the border width for an Adobe Premiere Pro transition, the value will be rounded down to the nearest whole number. For example, if you enter a value of 5.5 it will be treated as 5.0. (Ref# 37717)
- When you use Adobe Premiere Pro's **Make Offline** command and choose to delete your media files, some of the files may not be deleted from your A/V drive. (Ref# 38307)
- If you are using the Japanese version of Adobe Premiere Pro, the **Save File** dialog box may not appear when you stop a capture. You may also get errors when trying to render. To avoid these problems, choose **Start > Control Panel > Regional and Language Options** and under **Language for non-Unicode programs**, select **Japanese**. (Ref# 38454 & 38417)
- When capturing clips with the Japanese version of Adobe Premiere Pro, you will get an error if you try to rename and save a captured clip that was originally named with Japanese characters. To avoid this error, change the clip name so that it contains English letters before you perform your capture. You will then be able to rename and save the clip accordingly. (Ref# 39010)
- In order to see frame blending for speed changes when you scrub on an After Effects composition imported to your Adobe Premiere Pro sequence, you must set the display quality of the Program Monitor to **Highest Quality**. (Ref# 38676)
- If your hard disk is fragmented, you may experience dropped frames or Adobe Premiere Pro may freeze when performing an export to tape with 486p @ 23.98 fps material. To avoid problems, you should defragment your hard drives regularly. (Ref# 38729)
- Depending on your system, you may experience dropped frames if the **Audio Input Levels** window is open when capturing video to the Matrox MPEG-2 I-frame HD format. If you are experiencing this, try closing the **Audio Input Levels** window before performing your capture. (Ref# 38931)
- When batch capturing video clips with associated mono audio files, when you drag your captured .avi to the **Timeline** panel, the associated .wav files will be placed on a stereo track. To avoid this, you can either select the captured .avi in the **Project** panel and choose **Clip > Audio Options > Source Channel Mappings** and select **Mono** as the **Track Format**, or you

can manually re-import the captured clip and its associated *.wav* files by choosing **File > Import** from the Adobe Premiere Pro main menu. (Ref# 38691)

- If you are using Adobe Premiere Pro's Multi-Camera Monitor and create a sequence that contains non-native effects or files, your Program Monitor output will be black. (Ref# 39129)
- If you use the **Customize Matrox Wipes** dialog box to make changes to a Matrox transition after it has been rendered, the changes you make will not be updated in the Transition preview or on your Program Monitor until you click **OK**. (Ref# 39018)
- If your selected video input source's format is not supported by your project (such as a PAL video input when working with an NTSC project), the status of the input source will still be displayed as **OK** on the **Video Capture Settings** page of the **Matrox Capture Settings** dialog box. You should take care to make sure that your capture source's input format is appropriate for your project. (Ref# 39034)
- When working with graphics clips that are not the same pixel aspect ratio as the ratio set for your project, you must change the ratio of the clips manually using Adobe Premiere Pro's **Interpret Footage** command. (Ref# 35365)
- When performing an Export for Clip Notes, the resulting *.pdf* may not contain any audio. Should this occur, change your **Format** to **Windows Media** in the Matrox or Adobe Media Encoder **Export Settings** dialog box. As an alternative, you can also download updated Clip Notes export settings from Adobe's website. For more information on this issue, see Adobe's website at <http://www.adobe.com/support/techdocs/332674.html>. (Ref# 39241)
- When realtime scaling to frame size is applied to clips in a project (such as for realtime playback of SD clips in an HD project), any letterbox or pillarbox black bars in these clips will be opaque. If you have a segment that requires rendering and includes a clip that you've scaled to your project's frame size, the scaled clip's letterbox or pillarbox black bars may become transparent, allowing the underlying clip to show through. If you always want the black bars to be transparent, select the **Disable accelerated scaling to frame size** option on the **General** page of the **Matrox Playback Settings** dialog box. When you do this, however, all the scaled clips in your project will require rendering. (Ref# 39392)
- It is recommended that you do not work with Adobe Premiere Pro's Multi-Camera Monitor open, as scrubbing the timeline will be slow and your Program Monitor output will not update correctly. (Ref# 39764 & 39977)
- Adobe Premiere Pro may crash if you clear the **Full Duplex** option in the **ASIO Direct Sound Full Duplex Setup** dialog box. (Ref# 39655)

- Matrox HDV 1080i clips are not supported in a project created using an Adobe Premiere Pro HDV preset. (Ref# 39787)
- If you choose **Alpha** as the display mode for your Program Monitor, the preview in the Program Monitor will not be correct. (Ref# 39903, 40435, & Adobe PR # 1285541))
- Applying speed changes to a nested sequence that contains three or more clips, may cause certain segments or the whole sequence to require rendering. (Ref# 39822)
- If you are working on a Windows XP system and log on using an account that does not have local Administrator rights, the Matrox plug-in for Adobe Premiere Pro and the Matrox WYSIWYG plug-ins will not work. In order to fix this problem you need to run the Pnprep tool package available on the Microsoft website at:
<http://support.microsoft.com/default.aspx?scid=kb;en-us;810509>. (Ref# 40212)
- When creating a title using Adobe Premiere Pro's Titler, the title will shift in your Program monitor when you close the Titler dialog box. However, once you scrub on the title in the timeline, it will shift back to the correct place. (Ref# 40349)
- When capturing material in Adobe Premiere Pro, the estimated capture time remaining in the Status area of the **Capture** panel may fluctuate erratically. (Ref# 40017)
- If you export to movie using **Microsoft DV AVI** as your **File Type**, your movie will be blurry. To avoid this problem, select **Matrox AVI** as your **File Type** and use the **Matrox DV/DVCAM** codec to export your movie. (Ref# 40001)
- If you export a DVCPRO50 clip from Adobe After Effects using a Video for Windows codec and then import that clip into an RT.X2 project, the clip will contain inverted fields and you will not be able to reverse the field dominance by using the **Field Options** command. (Ref# 40249)
- When you use HDV clips to create a DVD using Adobe Premiere Pro's **DVD Layout** Window, you will not be able to see the thumbnail images of the video that represent the scene markers. (Ref# 40152)
- If you are working in an HDV 1080i (1440×1080) project in Adobe Premiere Pro and select **File > New > Photoshop File**, the new Photoshop file will open up with a default resolution of 1920×1080 instead of 1440×1080. (Ref# 40456)
- When capturing material from a tape with a bad video signal, you may receive a Macromedia error and the captured footage will consist of blue or black video. (Ref# 40496)

Operational limitations

DV-1394 devices with Adobe Premiere Pro

- If you work with Adobe Premiere Pro projects and DV devices that have different video standards, such as NTSC and PAL, you must change your device control settings in Adobe Premiere Pro to reflect the video standard for the device that you're currently using. (Ref# 33895)
- When capturing material from a multi-standard DV-1394 device, if you switch the device's video standard from PAL to NTSC or vice-versa, you must activate the device in the new standard by pressing Pause or Play prior to opening the Adobe Premiere Pro **Capture** panel. (Ref# 34350)
- If you use Matrox or Adobe Premiere Pro DV/HDV Device control to capture analog video input, your captured clips In and Out points won't be very accurate. (Ref# 35075)
- If you have a Sony DSR1500A, to avoid having missing audio when you export your sequence to tape, add about one second of black video and silence to the start of your sequence. In the **Export to Tape** dialog box, select **Delay Movie Start** and specify **56 quarter frames**. (Ref# 36158)
- When using certain Sony devices (such as a Sony HDR-Z1U) to perform an HDV capture using Matrox or Adobe Premiere Pro's DV/HDV device control, Premiere Pro may have problems properly capturing clips with defined In and Out points unless the time code on your source tape starts at 00:00:00:00. For more information on this issue, see the Adobe User Forums at www.adobeforums.com. (Ref# 37670)
- When using certain Sony devices to perform an HDV capture, when you press Pause the correct frame may not be displayed in the **Capture** panel. This problem, however, does not affect your captured clips. (Ref# 37517)
- If you choose a Panasonic 24P preset for your project, make sure that the work area is larger than one frame before starting an export to tape or Premiere Pro may issue an error message and then close. (Ref# 38137)
- When using Matrox DV/HDV device control to export an NTSC DVCPRO clip to tape, you may see repeated frames at the beginning and end of the exported clip. (Ref# 40186)
- When performing an HDV export to tape, the end of your exported material may be missing frames. To avoid this, add about twenty seconds of black video to the end of your sequence before you export it. (Ref# 39220 and Adobe Ref# 1261017)
- If you use a Matrox project preset, Adobe Premiere Pro's Scene Detect will not work properly when capturing material from an HDV device that you've set to downscale HDV to DV. Instead of capturing the clips to individual *.avi* files, all the clips on the tape will be captured to the same *.avi* file. To avoid this problem, capture your clips in HDV and perform the downscaling when you import them into a Matrox DV project. (Ref# 39403)

Adobe Premiere Pro RS-422 device control



Important Most of the following problems can be solved by using Pipeline ProVTR RS-422 device control. You can purchase Pipeline ProVTR directly from Pipeline Digital, Inc. For more information, see [“Exporting to tape using Pipeline ProVTR RS-422 device control”](#) on page 12.

- When using Adobe Premiere Pro’s RS-422 device control, you may experience intermittent errors when exporting to tape. (Ref# 38784)
- When using Adobe Premiere Pro’s RS-422 device control for an export to tape, you may not be able to seek to the time code you specify in the **Capture** panel. (Ref# 38875)
- If you cancel an export to tape when using Adobe Premiere Pro’s RS-422 device control, the export will stop but playback will continue until the end of your sequence. You may also lose device control until the playback stops. (Ref# 38782)
- When using Adobe Premiere Pro’s RS-422 device control, you may experience an error performing an insert edit when exporting to tape. If you are performing an assemble edit, your export to tape may not stop recording at the specified Out point. (Ref# 38777 & 39101)
- You may experience problems performing a batch capture when using Adobe Premiere Pro’s RS-422 device control (Ref# 38865)
- When using Adobe Premiere Pro’s RS-422 device control to capture from tape, your capture may fail if you specify an In and Out point at the end of a tape that is fully rewound. (Ref# 39158)
- In order to export your audio to tape when performing an insert edit using Adobe Premiere Pro’s RS-422 device control, you need to select the **V1**, **A1**, and **A2** options in the **Export to Tape** dialog box and then click the **Options** button and select **Enable extended digital audio insert Ch. 3 & 4** and **Extended digital audio insert Ch. 1 & 2** as well. (Ref# 40482)

Pipeline ProVTR plug-in for Adobe Premiere Pro

- When capturing video using Pipeline ProVTR RS-422 device control, the In or Out point of the resulting clip may be off by several frames. (Ref# 34585)
- If you leave the **Capture** panel open when performing an export to tape using Pipeline ProVTR device control, the export to tape will appear to work, but no recording will actually be done. (Ref# 35262)
- When working with a 486p @ 23.98 fps project, you won’t be able to capture a single-frame clip (same In and Out points) when using Pipeline ProVTR device control. The capture will continue past the specified Out point and you’ll have to manually stop the capture. (Ref# 36433)

- When using an Adobe Premiere Pro preset for your Video for Windows project, Premiere Pro will become unresponsive if you choose to adjust the **Options** for the ProVTR 7.1 plug-in under **Device Control** in the **Capture** panel. To avoid this, you should adjust the **Options** for the ProVTR 7.1 plug-in from the **Preferences** dialog box. (Ref# 35259)
- When using Pipeline ProVTR device control, you may experience an error performing an insert edit when exporting to tape. (Ref# 39101)
- When using Pipeline ProVTR device control to capture from tape, your capture may fail if you specify an In and Out point at the end of a tape that is fully rewound. (Ref# 39158)

Matrox Video for Windows codecs

- You may see stuttering when exporting an NTSC clip in Adobe After Effects using a Matrox Video for Windows DV codec, or a Microsoft DV codec. To avoid this, don't use a DV or MPEG-2 I frame codec if you've set the frame size for your exported clip to 720×486. If you want to use a DV or MPEG-2 I-frame codec, you must set the frame size for the exported clip to 720×480. (Ref# 36504)

Matrox WYSIWYG plug-ins

- When working in Adobe After Effects, the WYSIWYG output may not display correctly when manipulating a mask you applied to a clip. (Ref# 39167)
- Depending on your system, your WYSIWYG output may not update automatically while scrubbing in Adobe After Effects. To avoid this problem, choose **Edit > Preferences > Previews** and clear the **Enable OpenGL** option. (Ref# 39185)

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**. Make sure that the following text is present in your *boot.ini* file on the line directly below [operating systems]:

```
/3GB /USERVA=2500
```

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

- 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.

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. You can purchase Pipeline ProVTR directly from Pipeline Digital, Inc. For information about setting up Pipeline ProVTR RS-422 device control, see your *Pipeline ProVTR User Guide*.



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.



www.matrox.com/video