ADOBE PREMIERE PRO README

August, 2003

This file contains late-breaking product information, updates to the Adobe Premiere Pro documentation, and troubleshooting tips. Please print this document for future reference.

Please refer to the file "Install Read Me" on the Adobe Premiere Pro CD for installation instructions.

The Help menu in Adobe Premiere Pro contains the entire User Guide. The online version of the User Guide has additional technical information and examples not found in the printed documentation. For your convenience, PDF versions of the online help documentation are located on your CD in the "User Documentation" folder. You can install Adobe Reader from your Adobe Premiere Pro CD.

For further troubleshooting and information, see the User Guide, online Help, or Adobe.com. This README is divided into the following sections:

- *Important: Registration*
- *System Requirements*
- *Serial Numbers*
- *Installation Notes*
- *Third Party Components*
- *Third Party Products*
- *MPEG-1 and MPEG-2 Encoding*
- *General Notes - Known Issues*
- *Other Resources*
- *Third-Party Notices*

Important: Registration Information

Please complete your registration card and mail it today or register on-line (Help > Registration...). You must register to receive technical support and important product update information.   Register now and you will be able to download Red Giant's Magic Bullet Movie Looks plug-in for Adobe Premiere Pro. Get the look of film with one click in Adobe Premiere Pro – free when you register Adobe Premiere Pro.

For the latest information please visit:
http://www.adobe.com/premierepro

System Requirements

- Intel® Pentium® III 800 MHZ (Pentium 4 3 GHZ recommended)
- Microsoft® Windows® XP Home (Microsoft® Windows® XP Pro recommended)
- 256 MB of RAM installed (1 GB or more recommended)
- CD-ROM drive (compatible DVD recordable drive required for Export to DVD)
- 24-bit color, DirectX compatible display adapter (1024x768 or higher recommended)
- DirectX compatible sound card (Multi-channel ASIO compatible sound card for surround sound support recommended)
- Dedicated large-capacity 7200 RPM UDMA 66 IDE or SCSI hard disk or disk array
- DV/i.Link/FireWire connection (IEEE 1394 OHCI) or Adobe Premiere Pro certified 3rd

party capture card

For the latest info on system requirements and 3rd party compatible hardware, you can refer to
www.adobe.com/products/premiere/systemreqs.html

Serial Number

Adobe Premiere Pro uses a new 24 digit serial number found on your registration card or on the
back of your CD case. If you are installing a full, new version of Adobe Premiere Pro, enter this
serial number when prompted by the application. Do not use the number on the bottom of the
Adobe Premiere Pro box.

Upgrading from a previous version of Adobe Premiere
If you are installing an upgrade to Adobe Premiere Pro from a previous version of Adobe
Premiere, your new serial number is attached to the application CD holder. When prompted by
the application, you will be required to enter the serial number from your previous version of
Adobe Premiere. If you do not know your serial number, you may be able find it in one of the
following places:
-- On your old Adobe Premiere application CD jewel case or CD holder
-- On your old registration card
-- On the front page of your User Guide

For OEM Customers
If you received a copy of Adobe Premiere Pro bundled with a capture card, camera, computer, or
other OEM equipment
-- In the documentation included with the capture card, computer, or other hardware device with
which you received Adobe Premiere
-- On the Adobe Premiere or other software CD which may have come with your hardware device
-- Sony VAIO customers may be able to find their serial number on their Applications recovery
CD-ROM

If you cannot find your previous version serial number, contact Adobe Customer Service for
assistance:
For North America, call 888-724-4507
For a list of phone numbers outside North America, go to:
www.adobe.com/support/intlsupport.html
Upgrading from Adobe Premiere LE
Important Note:
Upgrades from Adobe Premiere LE are only available directly from Adobe, or occasionally from
your OEM manufacturer. If you purchased an upgrade from a reseller, it is likely that you will not
be able to install your Adobe Premiere Pro upgrade.

If you are installing an upgrade to Adobe Premiere Pro from a bundled version of Adobe Premiere
LE, please confirm that you have purchased the correct upgrade. See above. Your new serial
number is attached to the application CD holder. When prompted by the application, you will be
required to enter the serial number from your bundled version of Adobe Premiere LE. If you do
not know your serial number, you may be able find it in one of the following places:

For OEM Customers
If you received a copy of Adobe Premiere Pro bundled with a capture card, camera, computer, or
other OEM equipment
-- In the documentation included with the capture card, computer, or other hardware device with
which you received Adobe Premiere Pro
-- On the Adobe Premiere or other software CD which may have come with your hardware device

-- Sony VAIO customers may be able to find their serial number on their Applications recovery CD-ROM

Important Note
Upgrades from Adobe Premiere LE to Adobe Premiere Pro are only available directly from Adobe, or occasionally from your OEM manufacturer. If you purchased an upgrade from a reseller, it is likely that you will not be able to install your Adobe Premiere Pro upgrade. Please contact your reseller to arrange a return for your purchase.

If you cannot find your previous version serial number, contact Adobe Customer Service for assistance:
For North America, call 888-724-4507
For a list of phone numbers outside North America, go to:
www.adobe.com/support/intlsupport.html

Installation Notes
To install Adobe Premiere Pro you must be logged in as an administrator on your Windows XP PC. If you do not have administrator access to your PC you will need to ask your system administrator to install Adobe Premiere Pro.

For best results, exit all programs and disable all utilities such as virus scanners. When other software is running, it may interfere with or slow down the installation process

On some systems, having System Restore enabled during installation causes the installation to take an extremely long time. The computer may appear to be locked up. To avoid this, turn off System Restore before installing (Start > Control Panel > System > System Restore).

Adobe Premiere Pro will automatically update your version of Microsoft Direct X to version 9. This update has DV and MPEG improvements. For the latest version of Microsoft DirectX go to:
www.microsoft.com/directx

If you will be working with QuickTime movies (.mov files), be sure to install QuickTime version 6.1 or later.   For best results you should select recommended install option. You can get QuickTime at www.apple.com/quicktime

To uninstall Adobe Premiere Pro, use Start > Control Panel > Add/Remove Programs.   If you have problems installing from a network server, copy the Adobe Premiere Pro installer folder to the computer on which you are trying to install, and then run the installer from there. For best results, install Adobe Premiere Pro on your boot drive (C:) Capture, edit and output all of your video on a secondary AV approved drive.

Third-Party Compatibility

Users can expand the functionality of Adobe Premiere Pro through a large number of third party hardware and software solutions.

DV Capture Cards:

Adobe Premiere Pro includes DV capture support for any third party IEEE 1394 DV connector (commonly known as DV, iLink or FireWire capture cards). If your PC doesn't have a built in DV connector you can add any third party DV capture card that has the "Designed for Windows XP" logo.

Real Time and HD Capture Cards:

All real time capture cards require updated Adobe certified drivers. Adobe Premiere 6.5 and

earlier users should check to make sure their capture card is supported by Adobe Premiere Pro. Please check with the manufacturer for updated drivers, or an upgrade path to Adobe Premiere Pro supported hardware.

Audio Sound Cards:

Adobe Premiere Pro now works with ASIO 2.0 (Audio Stream Input/Output) compatible hardware for professional audio recording and playback.

Audio Sound Cards:

Adobe Premiere Pro now supports VST (Virtual Studio Technology) compatible audio plug-ins for filters and effets. VST Synthesizers are not supported.

DirectX Audio filters are not supported in this release of Adobe Premiere Pro, but are supported in Adobe Audition, our stand alone audio editing application.

 Video Plug-ins

Adobe Premiere Pro now supports the Adobe After Effects plug-in architecture. Many of your third party After Effects plug-ins will also work with Adobe Premiere Pro.

Third party plug-ins for Adobe Premiere 6.5 and earlier are RGB based. Adobe Premiere Pro now uses a YUV pipeline for improved real time performance of effects and transitions. Please check with the manufacturer to see if they have updated Adobe Premiere Pro compatible plug-ins.

For a full list of Adobe certified solutions please see www.adobe.com/premierepro

MPEG-1 AND MPEG-2 ENCODING

The MPEG encoding technology in Adobe Premiere Pro is powered by MainConcept. MainConcept hosts a User to User Forum on Adobe.com where you can discuss problems and techniques for MPEG encoding. www.adobe.com/support/forums

Adobe Premiere 6.5 included the Adobe MPEG Encoder for exporting to MPEG-1 and MPEG-2. In Adobe Premiere Pro, these capabilities are incorporated into the new Adobe Media Encoder.

The Adobe Media Encoder may seem to be slower than the Adobe MPEG Encoder, however this is not the case. The new default presets match those found in Adobe Encore DVD and emphasize quality over speed, whereas the old defaults offered an optimal blend of quality and speed. In addition, Adobe Premiere Pro includes the ability to perform two-pass MPEG encoding, which results in longer exporting time, but better quality at lower bitrates.

You can increase encoding speed by adjusting the quality control. A setting between 2 and 3 should increase speed significantly while maintaining excellent quality with most material. Higher quality settings may be needed for complex video, especially material with a great deal of motion.

Additional presets are available for free downloading at www.mainconcept.com/adobemedia.html including settings which are comparable to those of the Adobe MPEG Encoder. You'll also find helpful information on MPEG encoding in general.

General Notes / Known Issues

General
When customising your keyboard shortcuts, Adobe Premiere Pro will allow windows-specific shortcuts to be assigned. This is not recommended as it can make for conflicting behaviour. Some Adobe Premiere Pro shortcuts depend on which window is active.

For best performance turn your screen saver off.

Hardware
Athlon CPU Support: Adobe Premiere Pro makes extensive use of the Intel SSE instruction set, and therefore requires an Athlon XP, MP, or newer Athlon processors that support SSE emulation. Older Athlon processors do not emulate SSE and will not work with Adobe Premiere Pro at all. We are investigating adding support for 64-bit processors in a future release of Adobe Premiere Pro.

Legacy Projects
Adobe Premiere Pro can open project files created using Adobe Premiere Pro or Adobe Premiere 6.5 or later on Windows or Mac OS.

Projects created in Adobe Premiere 5.1 or later can be imported directly into an Adobe Premiere Pro project. To import an Adobe Premiere 5.0 or earlier project, first convert it to an Adobe Premiere Pro project by opening and saving it in Adobe Premiere Pro (see Opening a project). For projects saved in Adobe Premiere 6.*x* format or earlier, the project's timeline becomes a sequence at the top level of the bin that results from importing the project.

AI / PS Import
Performing an "edit original" on an Adobe Photoshop .psd file sequence in Adobe Premiere Pro should be limited to actions not requiring layers to be added, removed or renamed. Otherwise you may experience missing layers when you come back to Adobe Premiere Pro. If you need to modify the number of layers, or their names, you should open and re-import the modified Photoshop file without using "Edit Original".

Linked images in Adobe Illustrator files are not supported in Adobe Premiere Pro. The linked images will not be imported.

If you import Adobe Illustrator files import as black images, you may need to open and resave these images in a newer version of Adobe Illustrator. This is a known issue with Adobe Illustrator version 6.0 and earlier.

AAF
AAF export takes a long time to complete and no progress indicator is displayed.

Audio
If you need to mark in and out points on a long clip you should use jog control, or wait until audio conforming is complete.   Depending on your system configuration, Navigation of the clip in the source monitor may be slow for all controls except the Jog control as long as audio is still conforming.

When snapping audio only clips in the Timeline while in frame mode, a gap is left between clips. The clips should snap together with no gap, even when in frame mode. To avoid this you can change to audio units mode and re-snap the clip.

When working with nested sequences you will not be able to Audio Scrub until you have rendered your audio file. The audio will play after you make preview files (press play) then scrub.

You may experience latency when Play Audio on DV Hardware is selected in the DV Playback Settings dialog. To avoid this please select Playback on Audio hardware in the Playback Setting

dialog.

Audio Playback settings are global across all projects, not specific to a particular project. You can change Audio Playback settings by choosing DV Playback Settings from the Monitor wing menu.

If using the Aardvark audio hardware, Adobe Premiere Pro might experience difficulties if the SPDIF clock is selected in the Aardvark ASIO Control Panel before launching Adobe Premiere Pro. Updated drivers from Aardvark may solve this problem.

Adjusting a VST effect continuous parameter via VST Editor window does not automatch while in Read or Touch automation mode when keyframes exist. Touch mode behaves as Latch mode when VST Editor controls are used. Also, automation will no longer be read when adjusting a control in the VST Editor when Automation is set to Read mode.

Capture / Device Control
Overlay works intermittently on the ATI FireGL E1. Updated drivers from ATI may solve this problem.

Timeline /editing
Opacity effect (fades) applied to virtual clips in Premiere 6.x projects do not get translated when project is opened in Premiere Pro.

After a track matte is applied additional effects applied to the track matte target are ignored.

Automate to Sequence always puts the clips on V1 and A1.

MPEG import is supported only for transcoding. Playback of MPEG material will drop frames, but will render correctly. If you need to edit MPEG regularly, consider getting a Premiere Pro certified hardware card that supports MPEG editing, or the MPEG Marvel plug-in.

Video Scopes
When displaying the video scopes, set the zoom level to "fit"

Adobe Media Encoder
General
If the SurCode Dolby surround sound encoder has only one trial usage remaining and muxing is turned on in the MPEG-2 and MPEG-2 DVD presets, video and audio will be exported as separate files.

SurCode presets always encode at 448 kbps for 3/2, 2/1, 3/1, 3/0 and at 192 kbps for 1/0, 2/0.

SurCode presets have LFE ON by default.

Windows Media
When exporting Windows Media, if you use odd numbers for Height and Width, they will be rounded off to nearest even number.

RealMedia

When exporting RealMedia, entering a value for Height and Width that is not a multiple of 4, will result in the value being rounded down to the nearest multiple of 4.

QuickTime
Due to a limitation in the Sorenson Standard codec, you cannot export longer clips (ex. > 40 mins) in QuickTime. This limitation is not there with Sorenson Pro codec.

QuickTime must be installed prior to exporting QuickTime files from the Adobe Media Encoder.

MPEG
When exporting MPEG-1 Layer 1 Audio with bitrates 32, 64 & 96 kbps, audio either does not appear or appears distorted in transcoded file. Please use other bitrates or MPEG1 Layer II Audio.

When exporting MPEG-1 or MPEG-2, with PCM audio and Muxing ON, audio may not be heard in the transcoded file. Generic MPEG formats do not specify how to read non-MPEG Audio and so common MPEG splitters/decoders may not be able to read PCM audio in an MPEG-1 or MPEG-2 stream.

The DVD specification requires chapters to be at least 15 frames apart. Adobe Premiere Pro does not check for legal placement of chapter markers.

Video encoded as MPEG-1 with a mux type of TS may play back with distorted video in PowerDVD. This should not happen on set-top DVD players.

If you run out of free disk space while transcoding is in progress, transcoding freezes and pressing [Cancel] may hang the application.   You will then need to restart the application, create required space and transcode again.

When exporting MPEG-1 and MPEG-2 formats, setting "Packets per pack" to any other value than 1 for Mux type VCD, SVCD or DVD may result in stuttered video or audio loss. Please set "Packets per pack" to 1 for VCD, SVCD and DVD mux type.

Exporting Real Media files using markers of duration less than 1 second can result in inconsistent opening of the URL when it is played back in Real Player.

When exporting to the MPEG-2 SVCD format, if you choose Program Sequence as Progressive, transcode will fail as the SVCD format does not support Progressive Program Sequence.

Export to DVD
It is recommended that you close other DVD burning applications before using Export to DVD.

If a newly connected DVD burner is not displayed in the list, quitting and relaunching Premiere Pro should allow Export to DVD to see the burner.

For some DVD-RW media, Erase may not work. Do a full/complete Erase from another application that supports erasing of DVD.

MPEG-1 Layer II Audio gets converted internally to PCM when used with DVD.

Do not use PCM Audio with Maximize BitRate options turned on for longer duration exports (ex. >2.2 hrs CBR and >3.3 hrs VBR)

Other Resources
Visit the Adobe Premiere Pro page on the Adobe Web site:
www.adobe.com/premierepro

You will find links to tutorials, user groups, third-party plug-in developers, Adobe Customer Support, and more.

Also, sign up for our free Technical Announcements -- timely e-mails that will keep you up-to-date with technical how-tos, patches, and other information on Adobe Premiere Pro:
www.adobe.com/support/emaillist.html

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