Exporting Adobe Premiere® Pro Clips for BlackStorm Server Playout

Video clips created in Adobe Premiere® Pro CS6 can be exported for transcoding by a BlackStorm Server. The following video formats are used to export video clips from Premiere Pro for transcoding on a BlackStorm Server:

- **Avid DNxHD®** — use this format for HD playout.
- **DVCPRO HD** — use this format for HD playout.
- **DV** — use this format for SD playout.
- **Animation** — this format can be used for SD and HD key+fill playout.

### Avid DNxHD

1. Start Premiere Pro and create a video clip.
2. Use the **File** menu to select **Export > Media** to open the **Export Settings** dialog box.
3. In the **Export Settings** section of the **Export Settings** dialog box, use the **Format** list to select **QuickTime**.
4. Click the **Video** tab.
5. In the **Video Codec** section of the **Video** tab, use the **Video Codec** list to select **Avid DNxHD**.
6. Click **Codec Settings**.
   The **Avid DNxHD Codec Configuration** dialog box opens.
7. In the **Avid DNxHD Codec Configuration** dialog box, use the **Resolutions** list to select one of the following valid resolutions:
   - 1080i/59.94 DNxHD 220 8-bit
   - 1080i/59.94 DNxHD 145 8-bit
   - 1080i/50 DNxHD 185 8-bit
   - 1080i/50 DNxHD 120 8-bit
   - 720p/59.94 DNxHD 220 8-bit
   - 720p/59.94 DNxHD 145 8-bit
   - 720p/50 DNxHD 185 8-bit
   - 720p/50 DNxHD 120 8-bit
   - 1080p/29.97 DNxHD 220 8-bit
   - 1080p/29.97 DNxHD 145 8-bit
8. Click **OK** to close the **Avid DNxHD Codec Configuration** dialog box.
9. In the **Basic Video Settings** section of the **Video** tab in the **Export Settings** dialog box, enter the dimensions of the output video clip in the **Width** and **Height** as follows:

<table>
<thead>
<tr>
<th>Format</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>720p 50 or 59.94</td>
<td>1280</td>
<td>720</td>
</tr>
<tr>
<td>1080i 50</td>
<td>1920</td>
<td>1080</td>
</tr>
<tr>
<td>1080i 59.94</td>
<td>1920</td>
<td>1080</td>
</tr>
<tr>
<td>1080p 50 or 59.94</td>
<td>1920</td>
<td>1080</td>
</tr>
</tbody>
</table>

10. Use the **Frame Rate** list to set the frame rate of the output video clip as follows:

<table>
<thead>
<tr>
<th>Format</th>
<th>Frame Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1080i</td>
<td>25 or 29.97</td>
</tr>
<tr>
<td>720p or 1080p</td>
<td>50 or 59.94</td>
</tr>
</tbody>
</table>

11. Use the **Field Order** list to set whether the output clip is interlaced or progressive as follows:

<table>
<thead>
<tr>
<th>Format</th>
<th>Field Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>1080i</td>
<td>Upper First or Lower First</td>
</tr>
<tr>
<td>720p or 1080p</td>
<td>Progressive</td>
</tr>
</tbody>
</table>

12. Use the **Aspect** list to select an aspect ratio of **16:9** for the output clip.
   The preview image uses the selected aspect ratio to display the look of the output clip.
13. Click the **Audio** tab.
14. In the **Audio Codec** section of the **Audio** tab, use the **Audio Codec** list to select **Uncompressed**.
15. In the **Basic Audio Settings** section, use the **Sample Rate** list to select **48000 Hz**.
16. For the **Channels** setting, select the option that meets your requirements (**Mono** or **Stereo**).
17. Use the **Sample Size** list to select **16 bit**, **24 bit**, or **32 bit**.
18. Click **Export**.
DVCPro HD

1. Start Premiere Pro and create a video clip.
2. Use the File menu to select Export > Media to open the Export Settings dialog box.
3. In the Export Settings section of the Export Settings dialog box, use the Format list to select QuickTime.
4. Click the Video tab.
5. In the Video Codec section of the Video tab, use the Video Codec list to select one of the following codecs:
   - DVCPro HD 1080i50
   - DVCPro HD 1080i60
   - DVCPro HD 1080p30
   - DVCPro HD 720p50
   - DVCPro HD 720p60
6. Click the Audio tab.
7. In the Audio Codec section of the Audio tab, use the Audio Codec list to select Uncompressed.
8. In the Basic Audio Settings section, use the Sample Rate list to select 48000 Hz.
9. For the Channels setting, select the option that meets your requirements (Mono or Stereo).
10. Use the Sample Size list to select 16 bit, 24 bit, or 32 bit.
11. Click Export.

DV

1. Start Premiere Pro and create a video clip.
2. Use the File menu to select Export > Media to open the Export Settings dialog box.
3. In the Export Settings section, use the Format list to select QuickTime.
4. Click the Video tab.
5. In the Video Codec section of the Video tab, use the Video Codec list to select one of the following codecs:
   - DV25 NTSC
   - DV25 PAL
   - DV50 NTSC
   - DV50 PAL
6. Click the Audio tab.
7. In the Audio Codec section of the Audio tab, use the Audio Codec list to select Uncompressed.
8. In the Basic Audio Settings section, use the Sample Rate list to select 48000 Hz.
9. For the Channels setting, select the option that meets your requirements (Mono or Stereo).
10. Use the Sample Size list to select 16 bit, 24 bit, or 32 bit.
11. Click Export.

Animation

1. Start Premiere Pro and create a video clip.
2. Use the File menu to select Export > Media to open the Export Settings dialog box.
3. In the Export Settings section, use the Format list to select QuickTime.
4. Click the Video tab.
5. In the Video Codec section of the Video tab, use the Video Codec list to select Animation.
6. In the Basic Video Settings section, enter the dimensions of the output video clip in the Width and Height as follows:

<table>
<thead>
<tr>
<th>Format</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>720p 50 or 59.94</td>
<td>1280</td>
<td>720</td>
</tr>
<tr>
<td>1080i 50</td>
<td>1920</td>
<td>1080</td>
</tr>
<tr>
<td>1080i 59.94</td>
<td>1920</td>
<td>1080</td>
</tr>
<tr>
<td>1080p 50 or 59.94</td>
<td>1920</td>
<td>1080</td>
</tr>
</tbody>
</table>

7. Use the Frame Rate list to set the frame rate of the output video clip as follows:

<table>
<thead>
<tr>
<th>Format</th>
<th>Frame Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1080i</td>
<td>25 or 29.97</td>
</tr>
<tr>
<td>720p</td>
<td>50 or 59.94</td>
</tr>
</tbody>
</table>

8. Use the Field Order list to set whether the output clip is interlaced or progressive as follows:

<table>
<thead>
<tr>
<th>Format</th>
<th>Field Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>1080i</td>
<td>Upper First or Lower First</td>
</tr>
<tr>
<td>720p or 1080p</td>
<td>Progressive</td>
</tr>
</tbody>
</table>

9. Use the Aspect list to select an aspect ratio of 16:9 for the output clip.
   The preview image uses the selected aspect ratio to display the look of the output clip.
10. Click the Audio tab.
11. In the Audio Codec section of the Audio tab, use the Audio Codec list to select Uncompressed.
12. In the Basic Audio Settings section, use the Sample Rate list to select 48000 Hz.
13. For the Channels setting, select the option that meets your requirements (Mono or Stereo).
14. Use the Sample Size list to select 16 bit, 24 bit, or 32 bit.
15. Click Export.
Contacting Technical Support

At Ross Video, we take pride in the quality of our products, but if problems occur, help is as close as the nearest telephone.

Our 24-hour Hot Line service ensures you have access to technical expertise around the clock. After-sales service and technical support is provided directly by Ross Video personnel. During business hours (eastern time), technical support personnel are available by telephone any time. After hours and on weekends, a direct emergency technical support phone line is available. If the technical support person who is on call does not answer this line immediately, a voice message can be left and the call will be returned shortly. This team of highly trained staff is available to react to any problem and to do whatever is necessary to ensure customer satisfaction.

- **Technical Support**: (+1) 613-652-4886
- **After Hours Emergency**: (+1) 613-349-0006
- **E-mail**: techsupport@rossvideo.com
- **Website**: http://www.rossvideo.com

Copyright

© 2014 Ross Video Limited. Ross®, and any related marks are trademarks or registered trademarks of Ross Video Limited. All other trademarks are the property of their respective companies. PATENTS ISSUED and PENDING. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, mechanical, photocopying, recording or otherwise, without the prior written permission of Ross Video. While every precaution has been taken in the preparation of this document, Ross Video assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein.