Exporting Clips From Adobe® Creative Suite To XPression Video Codec

This document explains how to author clips in the XPression Video Codec using Adobe Creative Suite. To save time, it is recommended that users make presets out of these settings to avoid having to make these changes manually each time.

★This functionality is only available on Windows systems running Adobe Creative Suite.

Use the following procedures for exporting clips to the XPression Video Codec:

Exporting From Adobe After Effects

Exporting From Adobe Premiere

Exporting From Adobe Media Encoder

Exporting From Adobe After Effects

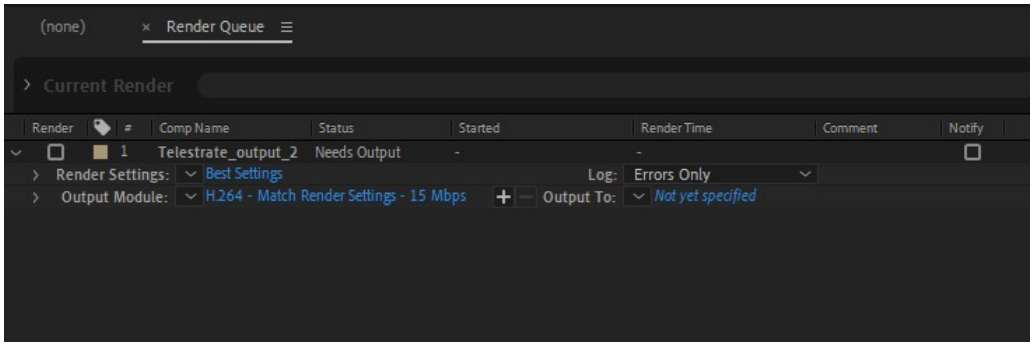
Use the following procedures to export video clips from Adobe After Effects to the XPression Video Codec.

To configure the video format:

1. In your Adobe After Effects project, select the video clip you want to export, then from the **Composition** menu, select **Add to Render Queue**.

   The composition is added to the **Render Queue**.

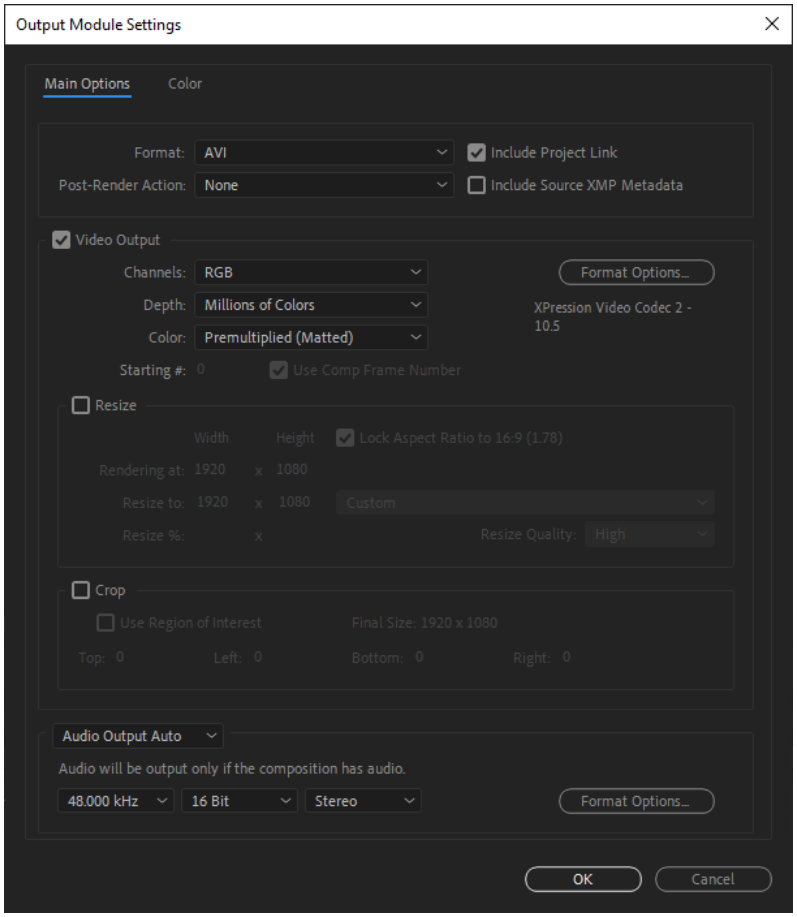
2. Select the **Output Module** link.



Adobe After Effects - Select Output Module Link

Phone: +1 613-686-1557 • Technical Support: +1-833-859-0499 (North America) • +800 3540 3545 (Int'l) • 1 300 007 677 (Australia) • +91-22-5016-6177 (India) • 3500DR-523 • October 2026 © 2026 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.

The **Output Module Settings** window opens.



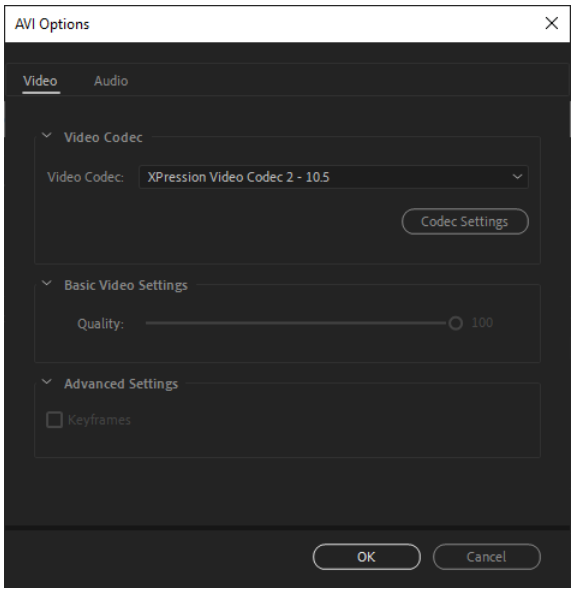
Adobe After Effects - Output Module Settings

3. In the **Output Module Settings** window, go to **Main Options**.
4. From the **Format** list, select **AVI** as the output format.

To configure the video settings:

1. Select **Video Output Format Options** in the **Video Output** section.

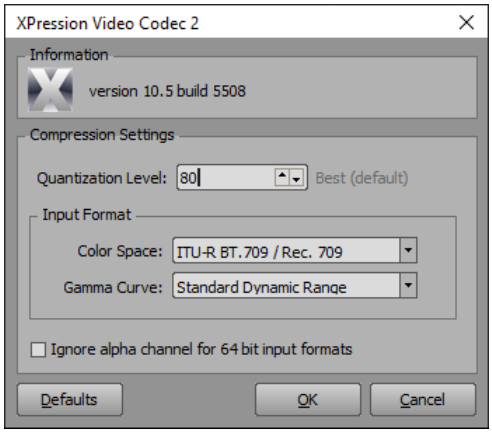
   The **AVI Options** window opens.



   Adobe After Effects - Video Settings

2. In the **Video** tab, from the **Video Codec** drop-down, select the **XPression Video Codec**.
3. Select **Codec Settings**.

   The **XPression Video Codec** window opens.



   XPression Video Codec Settings

   ★By default, the **Color Space** is set to **ITU-RBT.709 / Rec. 709** and the **Quantization Level** is set to **80**. These default settings ensure optimal performance and should only be changed if necessary.

4. In the **Compression Settings** section, adjust the **Color Space** and **Quantization Level** fields only if necessary.

5. Select **OK**.

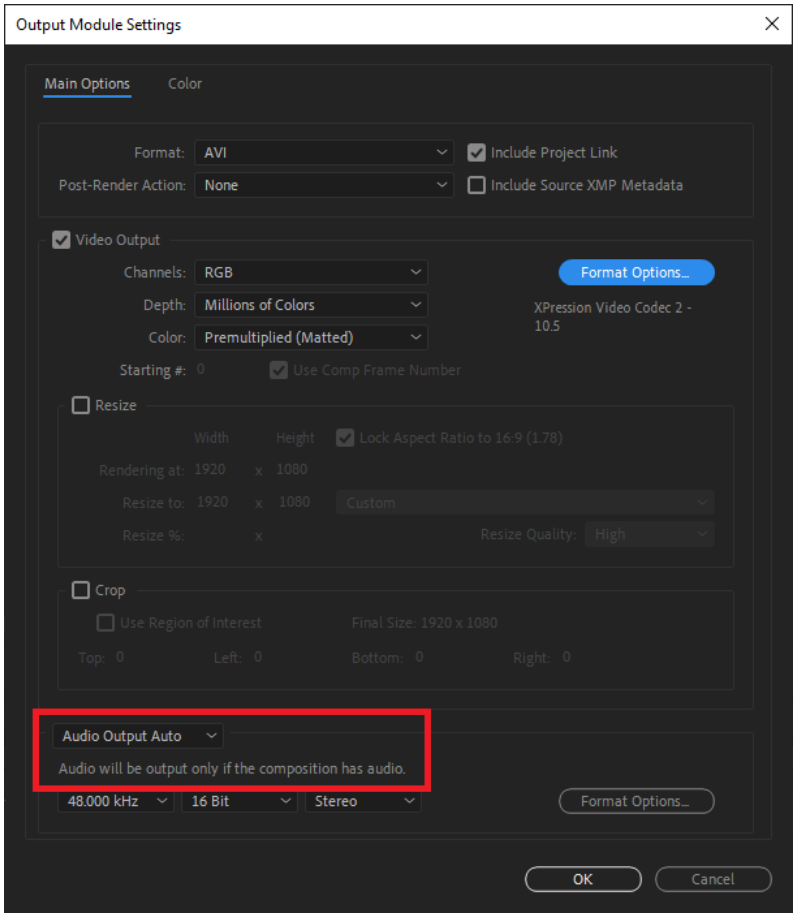
   The **XPression Video Codec** window closes.

6. In the **AVI Options** window, select **OK**.

   The **AVI Options** window closes.

To configure audio output:

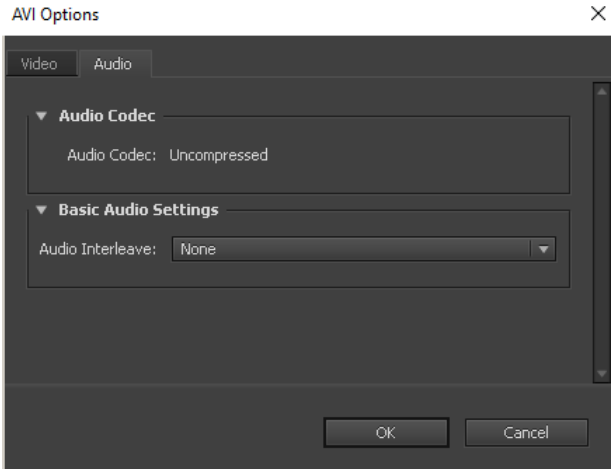
1. In the **Output Module Settings** window, from the **Audio Output** drop-down, select **Audio Output Auto**.



Adobe After Effects - Audio Setting

2. Select **Format Options** to configure the audio output for the clip.

   The **AVI Options** window opens.



Adobe After Effects - AVI Options

3. In the **Audio** tab's **Basic Audio Settings**, from the **Audio Interleave** drop-down, select **Frame 1**.

   This will ensure the audio and video stay in sync for the duration of the clip.

4. Select **OK**.

   The **AVI Options** window closes.

5. Select **OK**.

   The **Output Module Settings** window closes.

To export the video clip:

1. In the **Render Queue**, select the **Output To** arrow and select the location in which you want to store the clip, e.g., **Comp Folder** and **Name**.
2. Then select **Render**.

   The export begins.

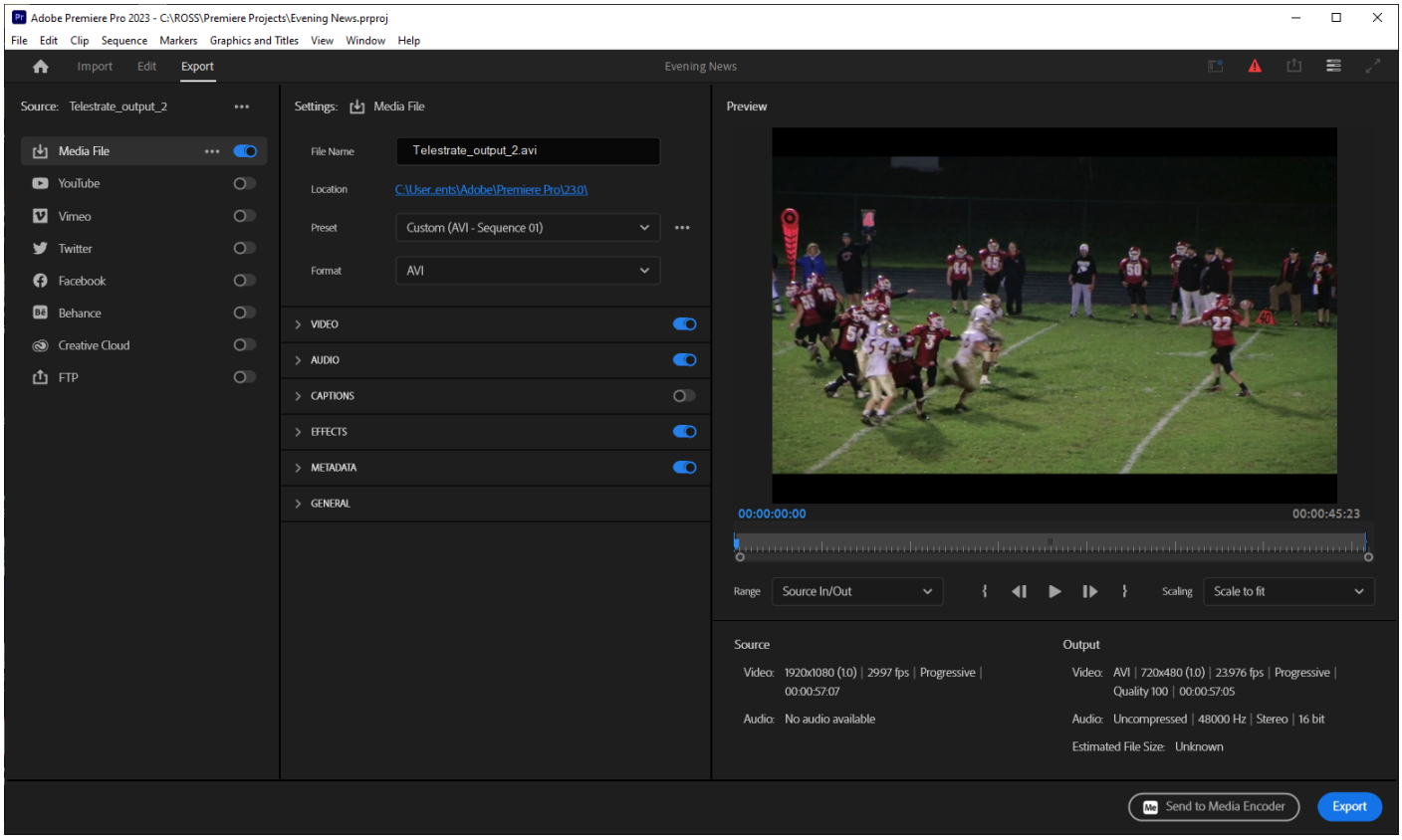
Exporting From Adobe Premiere

Use the following procedures to export video clips from Adobe Premiere to the XPression Video Codec.

To configure the video format:

1. In your Adobe Premiere project, go to the **File** menu and select **Export** > **Media**.

   The **Export Settings** window opens.

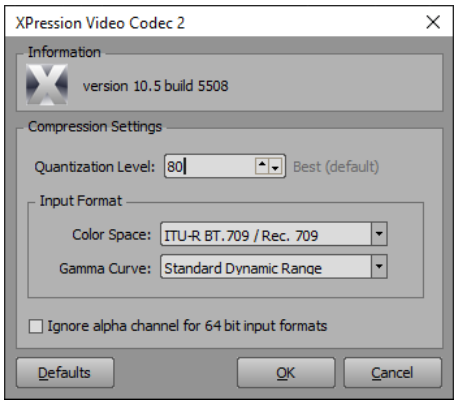


Adobe Premiere - Export Settings

2. In the **Export Settings** section, from the **Format** drop-down, select **AVI**.
3. From the **Video Codec** drop-down, expand the **Video** section, and select the **XPression Video Codec**.

4. Select the **Codec Settings** button.

   The **XPression Video Codec** window opens.



XPression Video Codec Settings

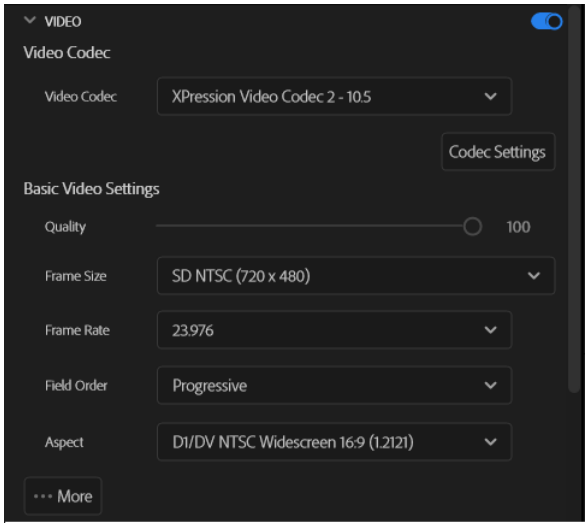
★By default, the **Color Space** is set to **ITU-RBT.709 / Rec. 709** and the **Quantization Level** is set to **80**. These default settings ensure optimal performance and should only be changed if necessary.

5. In the **Compression Settings** section, adjust the **Color Space** and **Quantization Level** fields only if necessary.
6. Select **OK**.

   The **XPression Video Codec** window closes.

To configure the video settings:

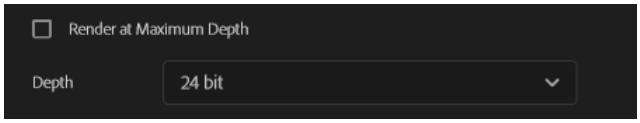
1. In the **Basic Video Settings** section, from the **Frame Rate** drop-down, select the desired frame rate for the clip.



Adobe Premier - Video Settings

2. From the **Field Order** drop-down, select **Progressive**.

3. From the **Aspect** drop-down, select **Square Pixels (1.0)**.
4. Select **More** to access the **Depth** setting and from the **Depth** drop-down, select either **24** or **32 bit**, depending on your clip.



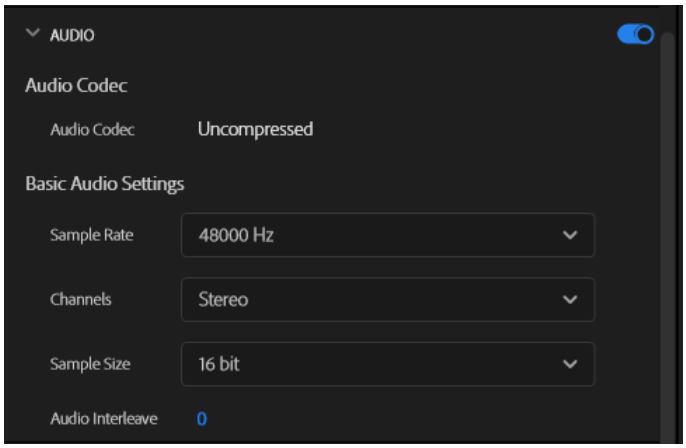
Adobe Premiere - Depth Setting

★You must use a bit depth of 32 bit to export clips with an alpha channel.

To configure the audio settings:

1. Expand the **Audio** section.

   The **Audio** tab opens.



Adobe Premiere - Audio Settings

2. In the **Audio Codec** section, ensure that the **Audio Codec** is **Uncompressed**.
3. In the **Basic Audio Settings** section, from the **Sample Rate** drop-down, select **48000 Hz**.
4. From the **Channels** drop-down, select **Stereo**.
5. From the **Sample Size** drop-down, select **16 bit**.
6. In the **Audio Interleave** field, enter an interleave setting of **1**.

To export the video clip:

- Select **Export**.

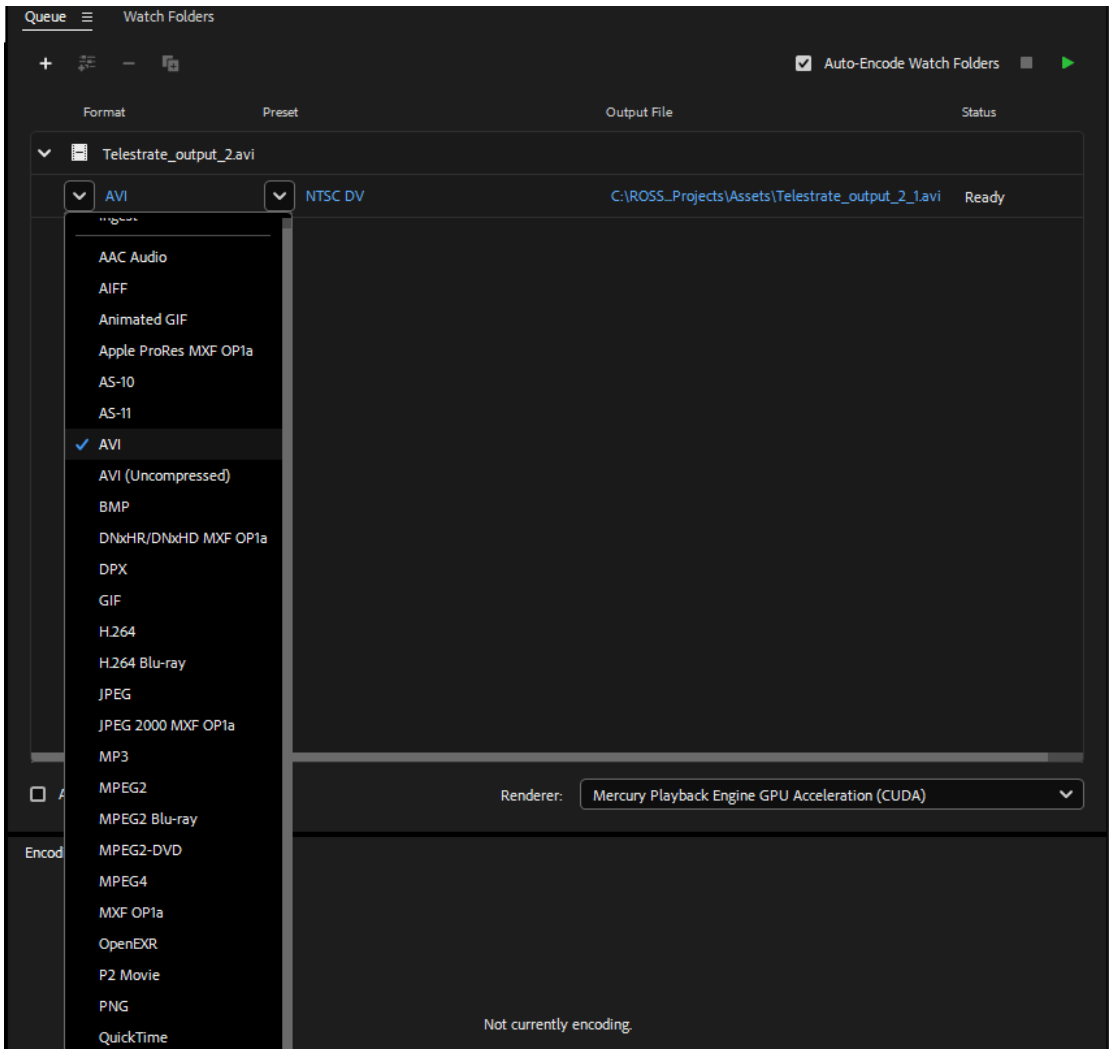
  The export begins.

Exporting From Adobe Media Encoder

Use the following procedures to export video clips from Adobe Media Encoder to the XPression Video Codec.

To configure the video format:

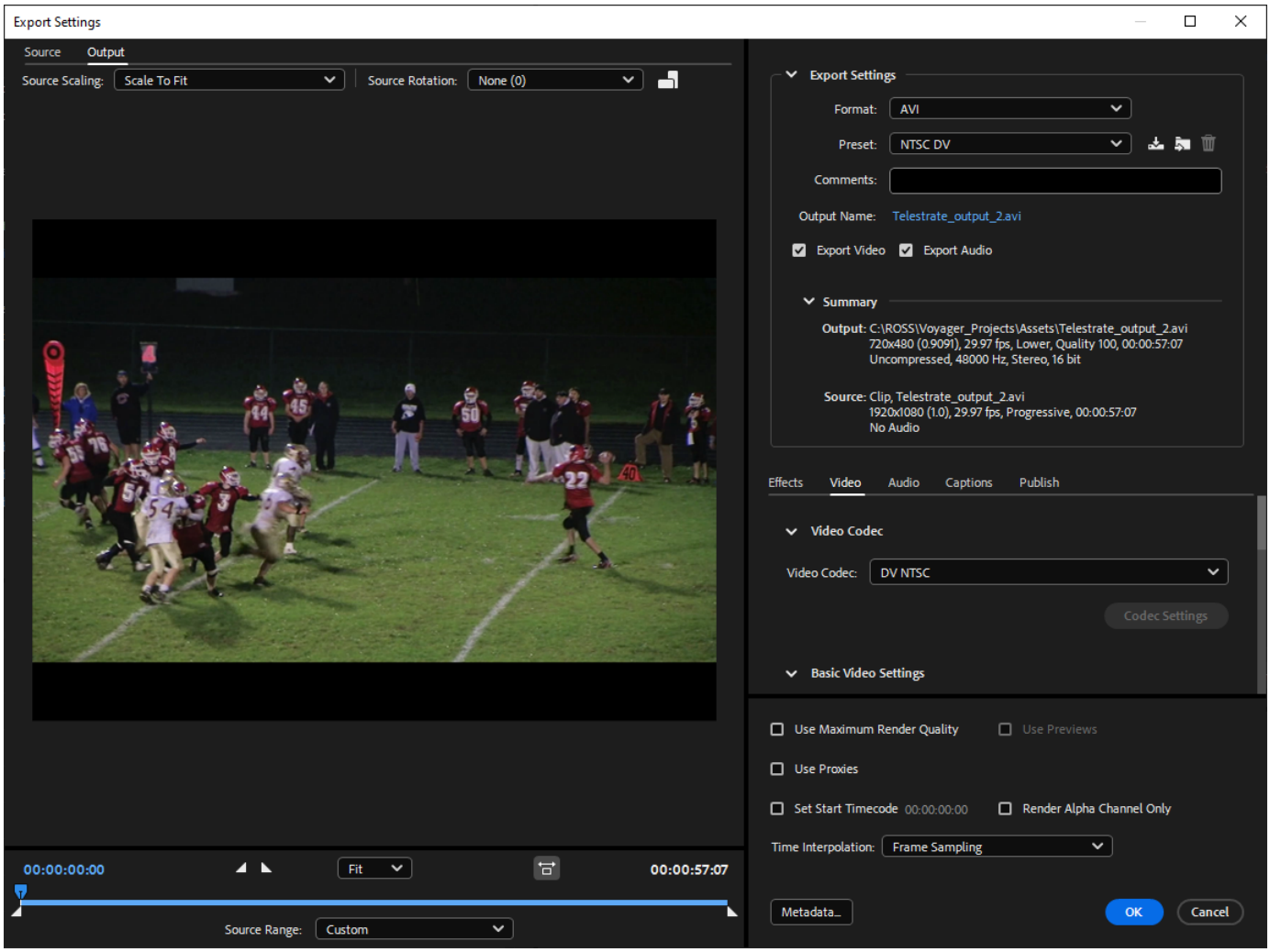
1. Add your source footage to the **Queue** in **Adobe Media Encoder**.
2. Select the video **Format** drop-down below the clip name and select **AVI** as the format.



Adobe Media Encoder - Select Video Format

3. Select the **AVI** link to open the **Export Settings** window .

   The **Export Settings** window opens.



Adobe Media Encoder - Export Settings

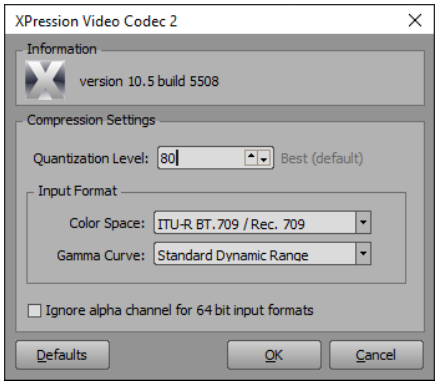
To configure video settings:

1. Expand the **Video** section, in the the **Video Codec** drop-down, select the **XPression Video Codec**.

   The **XPression Video Codec** window opens.

2. Select the **Codec Settings** button.

   The **XPression Video Codec** window opens.



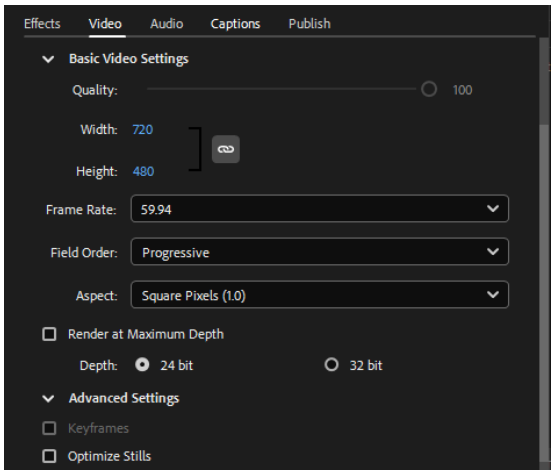
XPression Video Codec Settings

★By default, the **Color Space** is set to **Normal (4:2:2)** and the **Quantization Level** is set to **80**. These default settings ensure optimal performance and should only be changed if necessary.

3. In the **Compression Settings** section, adjust the **Color Space** and **Quantization Level** fields only if necessary.
4. Select **OK**.

   The **XPression Video Codec** window closes.

5. In the **Basic Video Settings**, from the **Frame Rate** drop-down, select the desired frame rate for the clip.



Adobe Media Encoder - Basic Video Settings

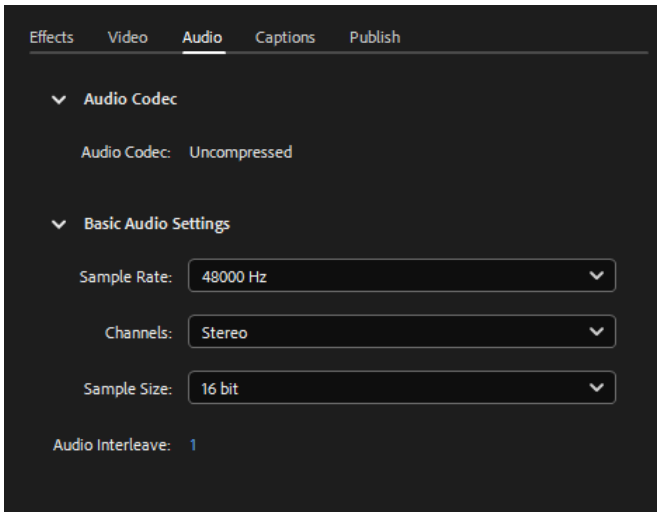
6. From the **Field Order** drop-down, select **Progressive**.
7. From the **Aspect** drop-down, select **Square Pixels (1.0)**.

8. Select a **Depth** setting of either **24** or **32 bit**, depending on your clip.

   ★You must use a bit depth of **32 bit** to export clips with an alpha channel.

To configure audio settings:

1. In the **Audio** tab, ensure that the **Audio Codec** is **Uncompressed**.



Adobe Media Encoder - Audio Settings

2. In the **Basic Audio Settings** section, from the **Sample Rate** drop-down, select **48000 Hz**.
3. From the **Channels** drop-down, select **Stereo**.
4. From the **Sample Size** drop-down, select **16 bit**.
5. In the **Audio Interleave** box, enter an interleave setting of **1**.
6. Select **OK**.

   The **Export Settings** window closes.

To export the video clip:

- Select the **Start Queue** () button.

  The export begins.