

Independent Production File Submission Technical Specifications

<u>Video</u>:

Format	MXF OP1a
Video Codec	XDCamHD (4:2:2)
Resolution	1920 x 1080
Frame rate	29.97 fps
Field Order	Upper Field First
Timecode	Drop Frame
Startin	g Time code should be (01:00:00:00 or 00:00:00:00)

- Starting Time code should be (01:00:00;00 or 00:00:00;00)
- Program should start and end with one frame of black

Video Levels 0-100 IRE

Format	MXF OP1a	~	
✓ VIDEO			
Video Codec			
Video Codec	XDCAMHD 50 NTSC (4:2:2)	~	
Basic Video Settings			
Frame Size	Full HD (1920 x 1080)		
Frame Rate	29.97	~	
Field Order	Upper First	•	
Aspect	Square Pixels (1.0)		
···· More			

Video export settings available in Adobe Premiere Pro

<u>Audio</u>:

Format	2-channel stereo
Audio Codec	PCM, Uncompressed
Sample Rate	48 KHz/48000Hz
Bit Depth	24 Bit

General Audio Requirements:

- Peak audio levels at -12 to -8 dBFS
- Average loudness across stream duration of -24LKFS +/-2dB

Note: Loudness is measured using ITU BS.1770-3 weighting for the duration of the show

✓ AUDIO		
Audio Codec		
Audio Codec	Uncompressed	
Basic Audio Settings	5	
Sample Rate	48000 Hz	
Channels	2 Channel	~
Sample Size	24 bit	~
Separate mon	o tracks	

Audio export settings available in Adobe Premiere Pro

Closed Captioning:

CEA-608 closed captions are required.

Embedding in the export file is preferred (see export settings screenshot below), but any sidecar file of .mcc, .scc, or .srt format is acceptable.

Reposition captions covering important text or a speaker's eyes or mouth.

Caption Track Settings	×
Format	
CEA-608	~
Stream	
CC1	~
Style	
None	~
Styling Options ✓ Ligatures ☐ Hindi Digits	
OK Cancel	\supset

Closed caption track configuration settings available in Adobe Premiere Pro

✓ CAPTIONS			
Export Options	Embed in Output File	~	
File Format			
Frame Rate			

Closed caption export settings available in Adobe Premiere Pro

We can test your file prior to routine submission. Test file length can be from 2-10 minutes.

Recommended editor sequence settings:

Sequence Settings	×
	Sony XDCAM HD422 1080 NTSC ~ 29.97 frames/second ~
Video Frame Size:	1920 horizontal 1080 vertical 16:9 Scale motion effects proportionally when changing frame size
Pixel Aspect Ratio: Fields:	Square Pixels (1.0) ~ Upper Field First ~
Display Format:	29.97 fps Drop-Frame Timecode
Working Color Space:	Rec. 709 ~
Audio Channel Format:	Multichannel Vumber of Channels: 2 V
Sample Rate: Display Format:	48000 Hz ~ Audio Samples ~
Video Previews	
Preview File Format: Codec:	
Width:	
Height:	
	quires GPU acceleration or max render quality)
VR Properties Projection:	None Layout: Monoscopic
Horizontal Captured View:	
	OK Cancel

Recommended editor sequence settings from Adobe Premiere Pro