PICTURE TRACK

Please only provide fully checked source material.

File based delivery (files sequence)

Uncompressed file sequence (*.dpx, *.tiff) are accepted. It is mandatory that no compression, even lossless compression is applied to the file sequence. Please check the files' size (MB) in the file folder; all frames size should be identical. These frames have to be provided on Windows NTFS formatted hard disk. A Macintosh volume would slow down the DCP creation process. Frames can be split into reels such as with film, with a different folder on the hard disk from each reel.

Video file

An alternative to the file based delivery is providing a single uncompressed video (eg. QuickTime MOV uncompressed). But this procedure possesses certain drawbacks such as resolution limitation and one large file to handle. Also, if the only available source material is a compressed video file, which is not, recommended, it is crucial to check the compression ratio has been properly adjusted in order to preserve a sufficiently decent quality. The accepted formats are: QuickTime MOV, Apple ProRes, MPEG, Highest quality recommended (bitrate and resolution).

None DCI Source material

To avoid resizing, the files' resolution will be:

NON DCI	Dimension	Frame Rate	Interior Aspect Ratio
			Scope
HD	1920x1080	24	2.39:1

DCI Source material

To avoid resizing, the files' resolution will be:

DCI	Dimension	Frame Rate	Interior Aspect Ratio	
			Scope	Flat
2K	1998x1080	24		1.85:1
	2048x858	24	2.39:1	
4K	3996x2160	24		1.85:1
	4036x1716	24	2.39:1	

3D Source material

For 3D content, 2 picture tracks are required:

- Left eye
- Right eye.

To avoid resizing, the files' resolution will be:

3D [2K]	Dimension	Frame Rate	Interior Aspect Ratio	
			Scope	Flat
Left eye <-> Right eye	1998x1080	24		1.85:1
	2048x858	24	2.39:1	

Progressive pictures are recommended as opposed to interlaced pictures as the de-interlacing process would have to take place on each eye separately which could lead to small differences between the eyes.

Sound track

Preferably 6 channels soundtrack orLtRt, Stereo Broadcast **WAV**,

Channels	Film Speed	Bitrate	Sampling Frequency	Reference level
5.1 or Stereo	24 FPS	24 Bit	48 KHz	[-6 db]

Subtitle track

Subtitle requires XML or MXF format on SMPTE 428-7D, SMPTE 429-5D with same video/audio time length.

Note: Clear synchronization with mark first frame of action.