

Video File

Audio¹: LPCM or AC3 formats for Mono - Stereo - 5.1
Container: MOV - MP4 - ProRes 422
Frame rate: 23.976 fps up to 60 fps
Resolution: up to 2160
Subtitles: use a safe subtitle area - no subtitles on frame line

Deliverables: -flash or hard drive formatted for Mac or Windows
-or via UCLA Box, Dropbox, Google Drive or similar service*

****please provide an accessible link with all required permissions for download
If password protection is required- please provide password for access***

DCP

Audio¹: 5.1 (8 channel) - 7.1 (12 channel)
Container: Use SMPTE format following **ISDCF** guidelines
DCP Naming²: Use the **ISDCF** Digital Cinema Naming Convention
Frame rate: 24 fps - 25 fps - 30 fps
Resolution: 2K - 4K

Deliverables: -hard drive formatted for **NTFS** (Windows) or **EXT3/EXT2** (Linux) in a single
MBR partition with the bytes per sector/inode size of 128 bytes
-or via UCLA Box, Dropbox or similar service*
-**NO** Google Drive

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¹AUDIO

Must use the **ISDCF** audio channel assignments for correct playback

[<https://files.isdcf.com/papers/ISDCF-Doc4-Audio-channel-recommendations.pdf>]

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5.1 - 8 channel assignment:

Ch1: **Left** - Ch2: **Right** - Ch3: **Center** - Ch4: **LFE** - Ch5: **Left surround** - Ch6: **Right surround**

place NO audio in Ch7 and Ch8 - these channels are used for Hearing/Visual Impaired Audio

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1.0 Mono - use 8 channel (5.1) assignment: place audio in Ch3: **Center** - remaining channels are empty

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2.0 Mono - use 8 channel (5.1) assignment: place audio in Ch1: **Left** - Ch2: **Right** - remaining channels are empty

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7.1 - 12 channel assignment:

Ch1: **Left** - Ch2: **Right** - Ch3: **Center** - Ch4: **LFE** - Ch5: **Left side surrounds** - Ch6: **Right side surrounds**

Ch11: **Left rear surrounds** - Ch12: **Right rear surrounds**

place NO audio in Ch7 and Ch8 - these channels are used for Hearing/Visual Impaired Audio Ch9 and Ch10 are left empty

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Audio levels for DCP and Video File:

Reference level set to -20dBFS and project output level = 85dBc

Attempt to leave -10dB to -20dB of headroom in you audio mix to avoid clipping and/or distortion during playback

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²DCP Naming

Use the **ISDCF** Digital Cinema Naming Conventions when creating a DCP

[<https://registry-page.isdcf.com/>]

Resources

ISDCF Technical Docs:

[<https://www.isdcf.com/technical-docs/>]

Simple DCP technical submission guidelines:

[<https://simplifiedcp.com/technical-guidelines/simple-dcp-submission-guidelines/>]

Stack Exchange Sound Design: -20dBFS What does it mean for dialogue editing?:

[<https://sound.stackexchange.com/questions/22223/20dbfs-what-it-means-for-dialogue-editing>]