

Compression Guidelines

123DCP

COMPRESSION GUIDELINES

A standard DCP is encoded in 12-bits JPEG 2000 at a maximum bitrate of 250 Mbits per seconds, using PCM 24-bits 48 kHz wav files for audio.

FORMAT

We recommend uploading at least a 1080p Prores 422HQ quicktime file including a 5.1 surround sound mix to get a good result in projection room. Lower quality source file can lead to visible compression artifacts when watched on bigger screens.

SIZING

DCP (2K) size is either FLAT (1998x1080) or SCOPE (2048x858).

We also accept 1920x1080 files and will add pillarbox to the follow FLAT standard sizing.

Smaller source file can be upres to DCI standard but be advised it can lead to pixelated results.

FRAMERATE

The INTEROP standard supports primarely 24 fps.

23.976 framerate will be conformed to 24

The SMPTE standard now support a wider range of framerates (25, 30, 50, 60) but some theaters won't accept this new standard yet.

If you have special framerate needs, please contact us.
