

# PRODUCTION

## SPECIFICATIONS & REQUIREMENTS



MAY 2016

### 2D DIGITAL CINEMA COMMERCIAL MASTERING (2D DCP)

This document outlines what is needed to turn your completed commercial into a Digital Cinema Package. All files should obey TV title safe areas (available on request).

#### IMAGE SPECS

HD Video	Size: 1920 x 1080 or 1998 x 1080 or 2048 x 1080
Frame Rate	24 or 25fps
Field	Progressive
Aspect Ratio	16:9 (1.78:1)
	4:3 aspect ratios will not be accepted

NOTE: To achieve the highest possible image quality for cinema we recommend HD image material.

#### IMAGE

Preferred Format	Quicktime Apple ProRes 444 or 422 HQ Codec (.mov)
Acceptable Formats	<ul style="list-style-type: none"> <li>Quicktime 10bit Uncompressed (.mov)</li> <li>Quicktime Animation (.mov)</li> <li>HDCAMSR (422 or 444)</li> </ul>

#### SOUND

Preferred Format	<ul style="list-style-type: none"> <li>WAV, AIFF or PCM files. 48KHz or 96KHz, 24 bit</li> <li>Separate stems of voice over, music and sound effects. Must contain 2 pips for syncing purposes.</li> <li>Can be individual files mastered 5.1 and labelled as L, R, C, Lfe, Ls and Rs as Single Channel Monaural WAV files (PCM or ACC) and each track must have a 2 pip for syncing purposes</li> <li>The mix cannot exceed 82dB (average loudness based on measurements by the Dolby LEQ meter)</li> </ul>
Acceptable Formats	<ul style="list-style-type: none"> <li>5.1 Full Mix: 5.1 Audio as WAV or AIFF files. 48KHz or 96KHz, 24 bit</li> <li>Please supply as non-interleaved files</li> <li>Audio stripped to a MOV file - separated stems</li> <li>No embedded stereo mix</li> <li>Protools session with all attached media</li> <li>The mix cannot exceed LEQ82 (average loudness based on measurements by the Dolby LEQ meter)</li> <li>Cost for 5.1 mixes produced at outside sound studios are not covered by Val Morgan</li> </ul>

NOTE: To achieve the highest possible sound quality for cinema we recommend the mix be done as a 5.1 mix. While stereo audio is accepted, some differences may be noticeable in cinema.

### 24/25 FPS

- Film and Digital Cinema is projected at 24 frames per second (fps), PAL video is 25fps.
- Components supplied at 25fps will have a 4% slow-down in image and audio when playing back in cinema. The tempo of the audio slows down slightly. Pitch can be corrected in the 5.1 mix.
- If it is critical that the audio tempo does not slow down you will need to supply a 24fps cinema edit of image and audio.

### FILE DELIVERY

- Acceptable Formats**
- Send files to Digipost with Digital Pigeon:  
**<http://bit.ly/1JOpGFr>**
  - USB / hard drive (NTFS or FAT 32)

### LABELLING

**Please ensure the data file is labelled with:**

- Commercial name
- Commercial length
- File format
- Pixel Frame Size (e.g. 1920 x 1080)
- Frame Count (total number of frames)
- Frame Rate (25fps or 24fps)

### CONTACT

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