



TECHNICAL SPECIFICATIONS FOR DIGITAL SCREENINGS

For Anima 2019, the two main theatres (Studio 5 and Studio 4) are equipped with DCI-compliant 4K digital projection systems and Dolby 5.1 sound.

DIGITAL CINEMA PACKAGES (DCP)

- **Hard copies**
Hard copies containing DCPs must reach the Festival no later than **20th December 2019** and must be formatted in EXT2, EXT3 or NTF5, but must only contain the DCP files for the selected films. All DCPs submitted to Anima 2019 must comply with 'Interop JP2K FOR DCINEMA, max bitrate 250Mbs' format standards. In case of incompatibility, higher resolution (4K) or HFR (High Frame Rate), it is imperative to contact the Festival's technical management for approval → print@folioscope.be.
- **Fact sheet**
A technical fact sheet must be included with the hard copies, containing the following information: film running time, language version present, subtitle version present, image projection format (image ratio, scope or flat).
- **On-screen subtitles**
Subtitles can be burned into the film, or sent as XML (or mxf) files included in the DCP. In both cases, the synchronization of the subtitles and their position in the images is the responsibility of the person sending the copy.
- **Key Delivery Message (KDM)**
It is preferable that the films (especially shorts) do not contain KDMs. If this is absolutely necessary, we request that the key should be valid over a period from **17th February to 9th March 2020** (festival + decentralisation screenings). If a more specific date is needed, a special KDM for testing purposes will be requested. Unless otherwise indicated in the technical specifications from the laboratories producing the KDMs, the keys should be sent to print@folioscope.be

ALTERNATIVE MEDIUM

- **Hard copies**
Files on DVD Data, Blu-Ray Data, USB key, hard disk or via internet (in this last mode for small files, please contact print@folioscope.be):
For all files, it is imperative to provide only non crypted material and indicate the frame rate (fps), 24-25-30-50-60 i/s, the image ratio (16/9, flat, scope, 1.37...) and the sound type (stereo, 5.1...)
 - **Extensions:** .mov; .mp4; .mxf
 - **Resolutions:**
4K Scope/Flat, 2k Scope/Flat. Screening will therefore be optionally together with unused bands to respect the image ratio of the film.
Please note that for standard definition formats, it is imperative to provide the image ratio 4/3, 16/9 or the pixel ratio 1.09, 1.46, 0.9, 1.2, along with the PAL or NTSC encoding.
 - **Codecs:**
Preferably Codec: Quicktime Prores 422 (HQ) (Mac) or Quicktime Animation (Mac and PC) or DnxHR/HD
Others: H.264 or others with a progressive bandwidth of at least 40 Mb/s.
- **OTHER FORMATS:** Only after approval from the Festival. Please get in contact with print@folioscope.be for approval.