

2D Digital Cinema Commercial Mastering (2D DCP)

PRODUCTION SPECIFICATIONS AND REQUIREMENTS

This document outlines what Val Morgan requires to turn your commercial into the required Digital Cinema Package.

IMAGE REQUIREMENTS	
Specs	
HD Video	High Definition: 1920 x 1080 (1.77:1) OR Cinema 2K: 1998 x 1080 (1.85:1)
Frame Rate	25fps (24fps is also accepted)
Field Dominance	Progressive
Title Safe	Please ensure all graphics are within safe title. Graphics outside this area may be clipped in cinema. Image reference is available on request.
Note: 4:3 aspect ratios (1.33:1) will not be accepted	
Format	
Preferred	MAC: Quicktime Apple ProRes 444 or 422 HQ Codec .MOV OR Windows*: Avid DNxHD Codec .MOV (Preset: 1080p DNxHD HQ 8-bit or 1080p DNxHD HQX 10-bit)
Accepted	Quicktime 8bit or 10bit Uncompressed (.MOV) Quicktime Animation (.MOV) Targa / Tiff / DPX sequence. Please include reference file, and ensure all files are zipped with the zip file size no greater than 2GB. Split frames across files as necessary, and clearly label with frame numbers *Avid codecs can be freely downloadable for both Mac and PC from: http://avid.force.com/pkb/articles/en_US/download/Avid-QuickTime-Codecs-LE
Standard Definition	
Standard Definition (SD) material accepted conditionally and should not be sent attached to an email due to file compression. Please contact the Production Executive at Val Morgan to discuss your options and repercussions.	

AUDIO REQUIREMENTS	
Format	
Preferred	WAV or AIFF files
Samples per Second	48kHz
Bit Rate	16 or 24
Accepted	Protools session with all attached media
An audio 2 pip is not required as long as the image and audio both start at 0. If your image has a leader board, please ensure your audio has a 2 pip. Please supply a guide track for reference.	
Do you require Val Morgan to produce a 5.1 Mix on your behalf?	
Val Morgan can produce a 5.1 mix at no extra cost on your behalf. Please supply: Unmixed sound stems (music, FX, dialogue, voiceover) as separate stereo .WAV files Please supply a guide track for reference.	
Stereo sound mixing	
Stereo (SR) sound mixes are accepted conditionally. Please contact the Production Executive at Val Morgan to discuss your options and repercussions Note: MP3, MVA files, .OMF, Mono or Dual Mono audio will not be accepted	
Are you supplying Val Morgan with a 5.1 Mix from an exterior supplier?	
1 x multichannel file (may be embedded in the image file) OR 5.1 sound mix supplied as 6 x mono files (labelled as L, R, C, Lfe, Ls, and Rs) Audio levels cannot exceed 82dB Leq(m) (average loudness based on measurements by the Dolby LEQ meter). Please ensure all audio tracks are equal length from first until last frame of picture Costs associated with 5.1 mixes provided by external suppliers are not covered by Val Morgan. Content is required to comply with Val Morgan specifications, and DCI compliances. Your sound mix may be altered or rejected if it is outside of these compliances.	

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CONVERSION

24 / 25 FPS

Cinema is projected at 24 frames per second (FPS).

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 but will have pitch correction applied.

If it is critical that the audio tempo does not change, please supply a 24fps cinema edit of both image and audio, or your own 5.1 mix at 24fps.

Shazam

If Shazam is required, Val Morgan will produce a 5.1 mix on your behalf. Once a mix has been done the files are sent overnight to Shazam for a Pitch Shift. This process programs in the additional information behind the audio that allows the app to pick up the specialised content.

Once this process has been completed, the files are sent back to the production house for normal DCinema mastering processes.

For clients who supply their own 5.1 mix, Shazam must be arranged directly and not through Val Morgan. Any cost associated with client supplied content is not covered by Val Morgan. Content is required to comply with Val Morgan specifications, and DCI compliances.

TVC edits and end tag creation

Please speak to the Production Executive or your Val Morgan Account Manager to discuss your options and additional charges. Please note longer turnaround times may be required for additional work.

Revisions after the production has begun

Once your material has started the DCP production process, any revisions to material, including the resupply of image or audio files, may incur extra charges (for example audio re-mixing, re-DCP mastering, and potential rush fees) or deadlines being missed.

Please speak to the Production Executive or your Val Morgan Account Manager to discuss your options and additional charges.

DISPATCH

File naming

Please ensure that your data file is labelled in the following format:

(Client/Project name)(Duration)_(Pixel Size)_(Frames per second)_(Codec)

e.g. VMCommercial60_1920x1080_25fps_PRORES444

If your image contains embedded audio, please include in the naming convention

File dispatch

Val Morgan FTP

Server: 49.128.14.8
Username: val_download
Password: jl2unxa

- Login with Filezilla
- Please ensure all files are zipped and labeled with the correct naming convention.
- Please contact the Production Executive when files have completed uploading.

Other options

- Dropbox, Hightail, WeTransfer, Digital Pigeon, or other online transfer link (please ensure folders are PUBLIC)
- Client supplied FTP link
- Val Morgan can supply you with a direct production house FTP link
- USB / Hard Drive (NTFS / FAT 32). Please arrange your own courier for drop off and collection and all cables required to access the content.

Val Morgan does not store any material supplied. If you require this material be used elsewhere, or edited for re-use at a later date, you will be required to resend this material.

FOR MORE INFORMATION PLEASE CONTACT

Val Morgan Production

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