

MVD Video Master Spec

We prefer file sources delivered via hard drive but tape formats are acceptable as well.

FILE SOURCES:

HD:

Apple ProRes 422 (HQ)

HD - 1920x1080 square pixel aspect ratio material

Native frame rate of original source:

24 or 25 progressive frames per second for film sourced

23.976 progressive frames for inverse telecine sourced from film

29.97 progressive frames per second for video sourced

Telecine materials will not be accepted

NTSC:

Apple ProRes 422 (HQ)

720x480 encoded pixels. All encoded content must include pixel aspect ratio (pasp) that defines content as either 4:3 or 16:9; for display at either 853x480 for 16:9 content or 640x480 for 4:3 content

Native frame rate of original source:

24 or 25 progressive frames per second for film sourced

23.976 progressive frames for inverse telecine sourced from film

29.97 progressive frames per second for video sourced

Telecine materials will not be accepted

PAL

Apple ProRes 422 (HQ)

720x576 encoded pixels. All encoded content must include pixel aspect ratio (pasp) that defines content as either 4:3 or 16:9; for display at either 1024x576 for 16:9 content or 768x576 for 4:3 content

Native frame rate of original source:

24 and 25 frames per second sourced from film must be delivered progressive

23.976 frames per second for inverse telecine must be delivered progressive; must not be delivered

Interlaced or delivery will fail

Telecine materials will not be accepted

Audio (HD, SD, PAL)

Stereo, send in 2 channels, embedded in the Video and labeled

LPCM in either Big Endian or Little Endian, 16-bit, at 48kHz

- Expected stereo channels: L, R

Surround sound features need to include all 5.1 audio and Stereo tracks, 8 channels all embedded and labeled

- LPCM in either Big Endian or Little Endian, 16-bit, at 48kHz

- Expected channels, 5.1 then stereo with the last 2 channels as Left Stereo, Right Stereo: L, R, C, LFE, Ls, Rs, L, R

All video needs at least two seconds of black at the beginning and end.

There can be no interlacing/artifacting/lines, or ghosting. There can be no duplicate frames.

TAPE SOURCES:

HDCAM SR
HDCAM
D5
DigiBeta
Beta SP

NOTE if DV quality file/tape is the only source master available we would want this but it is possible it will not pass iTunes QC.

Please contact Ryan Merrick with any questions. ryan@mvd2b.com