

Spotupload.com Technical delivery specification

The delivery of media file should be specified as follow:

Container			
Format	MXF (OP1a)	MOV (QuickTime)	MP4 (HD MPEG-4)
Timecode	Start 00:00:00:00	Start 00:00:00:00	Start 00:00:00:00
Video Essence			
Codec	MPEG-2	ProRes 422 HQ	AVC/H264
Resolution	HD 1920x1080	HD 1920x1080	HD 1920x1080
Frame rate	25 fps	25 fps	25 fps
Aspect ratio	16/9	16/9	16/9
Profile@Level	422@High / High@High	High Quality (HQ)	High 4.2
Scan type	Interlaced only	Interlaced only	Interlaced only
Scan order	Top Field First	Top Field First	Top Field First
GOP structure	I frame only		
Bit rate mode	CBR		
Bit rate	50 Mbps	185 Mbps	20 Mbps
Audio Essence			
Codec	PCM	PCM	AAC
Channels	2	2	2
Configuration	1x Stereo	1x Stereo	1x Stereo
Sample rate	48 khz	48 khz	48 khz
Bit depth	24 bits	24 bits	24 bits
Loudness	EBU R128 / -23 LUFS (\pm 1 LU)	EBU R128 / -23 LUFS (\pm 1 LU)	EBU R128 / -23 LUFS (\pm 1 LU)

The media file must only consist of the complete main content; a leading clip and trailing clip are not allowed. The first frame must be the first visible picture or the first audible sound and the last frame must be the last visible picture or the last audible sound (i.e. no surrounding media description nor mute black frames, etc).