

HD File Specifications

Apple Quicktime ProRes 422HQ

Container: MOV

Video

Codec: Apple Quicktime ProRes 422 HQ
 Chroma Subsample: 4:2:2
 Interlacing: Top Field First / Progressive
 Frame Size: 1920x1080
 Frame Rate: 25 FPS
 Aspect Ratio: 16:9

Audio

Codec: PCM (Little Endian)
 Sample Rate: 48kHz
 Sample Size: 24bit
 Audio 4Ch: Ch1&Ch2 Stereo Fullmix
 Ch3&Ch4 Stereo Music&SFX
 Loudness Standard: EBU R128
 (Ch1&Ch2 and Ch3&Ch4)
 Integrated: -23 LUFS ± 0.5 LU
 Maximum Short Term: -20 LUFS
 Maximum Momentary: -15 LUFS
 Maximum True Peak Level: -1 dBTP

Apple Quicktime ProRes 444

Container: MOV

Video

Codec: Apple Quicktime ProRes 4444
 Chroma Subsample: 4:4:4
 Interlacing: Top Field First / Progressive
 Frame Size: 1920x1080
 Frame Rate: 25 FPS
 Aspect Ratio: 16:9

Audio

Codec: PCM (Little Endian)
 Sample Rate: 48kHz
 Sample Size: 24bit
 Audio 4Ch: Ch1&Ch2 Stereo Fullmix
 Ch3&Ch4 Stereo Music&SFX
 Loudness Standard: EBU R128
 (Ch1&Ch2 and Ch3&Ch4)
 Integrated: -23 LUFS ± 0.5 LU
 Maximum Short Term: -20 LUFS
 Maximum Momentary: -15 LUFS
 Maximum True Peak Level: -1 dBTP

Avid DNxHD 185x/DNxHD HQX MXF

Container: MOV/MXF

Video

Codec: Avid DNxHD/DNxHD HQX OP1a
 Chroma Subsample: 4:2:2
 Interlacing: Top Field First / Progressive
 Frame Size: 1920x1080
 Frame Rate: 25 FPS
 Aspect Ratio: 16:9

Audio

Codec: PCM (Little Endian)
 Sample Rate: 48kHz
 Sample Size: 24bit
 Audio 4Ch: Ch1&Ch2 Stereo Fullmix
 Ch3&Ch4 Stereo Music&SFX
 Loudness Standard: EBU R128
 (Ch1&Ch2 and Ch3&Ch4)
 Integrated: -23 LUFS ± 0.5 LU
 Maximum Short Term: -20 LUFS
 Maximum Momentary: -15 LUFS
 Maximum True Peak Level: -1 dBTP

MXF Wrapped XDCAM HD

Container: MXF

Video

Codec: XDCAM 422
 Profile: MPEG-2 4:2:2@HL
 Bitrate: 50Mb/s CBR
 Chroma Subsample: 4:2:2
 Interlacing: Top Field First / Progressive
 Frame Size: 1920x1080
 Frame Rate: 25 FPS
 Aspect Ratio: 16:9

Audio

Codec: PCM (Big/Little Endian)
 Sample Rate: 48kHz
 Sample Size: 24bit
 Audio 4Ch: Ch1&Ch2 Stereo Fullmix
 Ch3&Ch4 Stereo Music&SFX
 Loudness Standard: EBU R128
 (Ch1&Ch2 and Ch3&Ch4)
 Integrated: -23 LUFS ± 0.5 LU
 Maximum Short Term: -20 LUFS
 Maximum Momentary: -15 LUFS
 Maximum True Peak Level: -1 dBTP

For Aleph Media, please export 1080p50 material (50fps – Progressive)

Action/Safe marks: Safe Action: 90% / Title Safe: 80%

TVC duration must be cut to a whole second and not have additional frames.

Content will be converted to 16x9 Letterbox, for 4x3 broadcasters.

National Audiovisual Council of Romania (EBU-R128) <http://www.cna.ro/RECOMANDARE-privind-nivelul-t-riei.html>

AVID Codecs http://avid.force.com/pkb/articles/en_US/download/Avid-QuickTime-Codecs-LE

ProTV group recommendation: the commercial spot must not include the essential information on logos areas, otherwise will not pass

PRO TV internal QC process mandatory for airing commercial spots (Top-left area 450x150 px, Top-right area 192x160 px)

***art 94 of the C.N.A. Decision 220/2011 – DECIZIE Nr. 220 din 24 februarie 2011 privind Codul de reglementare a conținutului audiovizual – CNA

For the purpose of correct information, any information or warning contained in an audiovisual commercial communication shall be broadcast in such a way that it is clearly perceived by the public, in particular by ensuring the following measures:

(a) it is presented statically, legibly and for a sufficient duration in the case of information broadcast in the form of videotext; **character size shall be at least 17 points in SD standard definition format and 32 points in HD high definition format;**

b) be played back at normal reading speed.

HD Cinema File Specifications (2.0 audio)

Apple Quicktime ProRes 422HQ
Apple Quicktime ProRes 4444
Avid DNxHD 185x/DNxHD HQX MXF
Avid DNxHR 444

Container: MOV/MXF

Video

Codec: Apple Quicktime ProRes 422 HQ
Chroma Subsample: 4:2:2 / 4:4:4
Interlacing: Top Field First / Progressive
Frame Size: 1920x1080 / 1998x1080 / 2048x1080 / 4096x2160
Frame Rate: 24 FPS
Aspect Ratio: 16:9

Audio

Codec: PCM (Little Endian)
Sample Rate: 48kHz
Sample Size: 24bit
Audio: Ch1&Ch2 Stereo
Loudness Standard: SAWA 82 dB Leq(m)
Integrated: 82 dB Leq(m)
Maximum True Peak Level: - 2 dBTP

HD Cinema File Specifications (5.1 audio)

Apple Quicktime ProRes 422HQ
Apple Quicktime ProRes 4444
Avid DNxHD 185x/DNxHD HQX MXF
Avid DNxHR 444

Container: MOV/MXF

Video

Codec: Apple Quicktime ProRes 422 HQ
Chroma Subsample: 4:2:2 / 4:4:4
Interlacing: Top Field First / Progressive
Frame Size: 1920x1080 / 1998x1080 / 2048x1080 / 4096x2160
Frame Rate: 24 FPS
Aspect Ratio: 16:9

Audio

Codec: PCM (Little Endian)
Sample Rate: 48kHz
Sample Size: 24bit
Audio: Each channel as a separate WAV file:
L R C LFE Ls Rs
Loudness Standard: SAWA 82 dB Leq(m)
Integrated: 82 dB Leq(m)
Maximum True Peak Level: - 2 dBTP

If 5.1 audio channels are not available, but you want to deliver as surround, Adstream Romania can mix the audio if the following wav files, in sync with the image, are provided:
Dialogue / SFX / Music.

Please contact us for quotation.

TVC duration must be cut to a whole second and not have additional frames.

Please ensure that the graphic elements (e.g. Logo) and the texts/disclaimers are placed inside the Title Safe area

AVID Codecs http://avid.force.com/pkb/articles/en_US/download/Avid-QuickTime-Codecs-LE

 **ProTV Teleshopping**

MXF Wrapped XDCAM HD

Container: MXF

Video

Codec: XDCAM 422
Profile: MPEG-2 4:2:2@HL
Bitrate: 50Mb/s CBR
Chroma Subsample: 4:2:2
Interlacing: Top Field First / Progressive
Frame Size: 1920×1080
Frame Rate: 25 FPS
Aspect Ratio: 16:9

Audio

Codec: PCM (Big/Little Endian)
Sample Rate: 48kHz
Sample Size: 24bit
Audio 4Ch: Ch1&Ch2 Stereo Fullmix
Ch3&Ch4 Stereo Music&SFX
Loudness Standard: EBU R128
(Ch1&Ch2 and Ch3&Ch4)
Integrated: -23 LUFS ± 0.5 LU
Maximum Short Term: -20 LUFS
Maximum Momentary: -15 LUFS
Maximum True Peak Level: -1dBTP

***Additional informations:**

Please select the correct ORDER TYPE – Teleshopping
Please create individual orders (just one file per order per TV Station)
The ORDER must contain the word “Teleshopping” in its naming structure: ex.: Video_File_3min_Teleshopping
Action/Safe marks: Safe Action: 90% / Title Safe: 80%
TVC duration must be cut to a whole second and not have additional frames.

 **PrimaTV Teleshopping**

MXF Wrapped XDCAM HD

Container: MXF

Video

Codec: XDCAM 422
Profile: MPEG-2 4:2:2@HL
Bitrate: 50Mb/s CBR
Chroma Subsample: 4:2:2
Interlacing: Top Field First / Progressive
Frame Size: 1920×1080
Frame Rate: 25 FPS
Aspect Ratio: 16:9

Audio

Codec: PCM (Big/Little Endian)
Sample Rate: 48kHz
Sample Size: 24bit
Audio 2Ch: Stereo Fullmix
Maximum Peak Level: -10 dbfs

***Additional informations:**

Please select the correct ORDER TYPE – Teleshopping
The ORDER must contain the word “Teleshopping” in its naming structure: ex.: Video_File_3min_Teleshopping
Action/Safe marks: Safe Action: 90% / Title Safe: 80%
TVC duration must be cut to a whole second and not have additional frames.