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ROOTS



APTN Technical Specifications for Television Commercial Delivery

IMPORTANT

Only broadcast quality video will be accepted.

All television commercials must have thinktv (formerly Telecaster) clearance approval number. For more information please go to thinktv.ca/think-clearance

Video Delivery format must be XDCam HD, 60MB/s, in MXF OP1a wrapper, aspect ratio 16 x 9, resolution 1920 x 1080i
8 or 10 bit quantization, 59.94 FPS drop frame, colour space 4:2:2 as per ITU-R BT.709

Audio -20 dBFS
PCM, 24 bit, 48kHz, wrapper codec should be BWF
Stereo mix on channel 1 and 2
Track allocation for 5.1 audio: 1:L, 2:R, 3:C, 4:LFE, 5:Ls, 6:Rs, 7:DV-L, 8:DV-

Described Video (DV) Described video (DV) shall be recorded on channel 7 and 8. In the case when DV is not included audio shall be stereo mix on channel 1 and 2, channels 3, 4, 5, 6 unused and the same stereo mix on channel 7 and 8.

Closed Captioning (CC) ALL English & French commercials and PSAs **MUST** be closed captioned.
Indigenous language commercials and PSAs **do not** have to be closed captioned; however, they must be subtitled in English or French.

- CC must be formatted for 29.97 FPS Drop Frame Time Code
- CC must be the same duration as the video track
- CC must be encoded into the digital video signal as data packets in accordance with SMPTE 334-2000.
- CC must comply with EIA 608 for SD and EIA 708 for HD.

The EIA 708 captions must include embedded 608 captioning to satisfy the requirements of older HD receivers.

■ Preferred delivery method of CC, file should be SCC or CAP

All SD commercials or PSAs must be formatted with an aspect ratio of 16:9 and conform to SMPTE standard 259M and SMPTE 334M

Delivery - File Based Delivery from a pre-approved vendor ie: Extreme Reach (extremereach.com) or Yangaroo (dmds.com)
OR
Use APTN's complimentary Media Shuttle service. Request an upload link by emailing sbrindamour@aptn.ca AND aptntraffic2@aptn.ca. A link and instructions will be sent to you. Follow the steps to upload your media. You may need to install the Signiant app. Once uploaded, APTN will automatically be notified.