

Adstream File Delivery Specification For Czech Republic

To maintain a consistently high quality product Adstream require all material for distribution in this region to be supplied to the following SD specifications

SD File Specifications

MPEG-2 Program Stream 625/50

Video:
Codec : MPEG-2 Program Stream
Container : MPEG-2 Program Stream
Profile : 4:2:2 Profile @MediumLevel (422P@ML)
Bitrate : 50Mb/s CBR
Chroma Subsample : 4:2:2
Interlacing : Upper/Top Field First
GOP Structure : I Frame Only
Frame Size : 720x576 (608 Inc VBI)
Frame Rate : 25 FPS

Audio:
Codec : MPEG1 Layer-2
Sample Rate : 48kHz
Sample Size : 384kbps
Channels : Stereo

Quicktime ProRes 422HQ 625/50

Video:
Codec : Apple Quicktime ProRes 422 (HQ)
Container : Quicktime Movie
Profile : HQ
Interlacing : Upper/Top Field First
Frame Size : 720x576
Frame Rate : 25 FPS

Audio:
Codec : Integer (Little Endian) PCM
Sample Rate : 48kHz
Sample Size : 16bit
Channels : Stereo

Uncompressed 8-bit YUV 625/50

Video:
Codec : Uncompressed 8bit YCbCr
Chroma
Container : Quicktime Movie
Chroma Subsample : 4:2:2
Interlacing : Upper/Top Field First
Frame Size : 720x576
Frame Rate : 25 FPS

Audio:
Codec : Integer (Big/Little Endian) PCM
Sample Rate : 48kHz
Sample Size : 16 bit / 24 bit
Channels : Stereo

SD Video Level Requirements

TV Format : PAL
Aspect Ratio : 16:9 FHA
Title Safe : 16:9

All Video Signals Should Comply With ITU-R BT.601 And Video Signals Should Not Exceed The Specified Limits

- Luminance (Y) Should Not Exceed 700mV, Or Fall Below 0mV

Out of gamut tolerance

Whilst Adstream and the Broadcasters will reject illegal video levels they understand there may be instances where it is difficult to completely avoid, and following EBU recommendation Rec.103 will allow a small tolerance, assuming no more that 1% of the active picture is in error.

- Luminance (Y) must be between -1% and 103% (ie between -7mV and 721mV)

SD Audio Level Requirements

The loudness level of the programme material must be in agreement with the EBU R128-2014 directive, including the following delivery specifications :

- Reference Level : 1kHz@ -18dBFS
- Integrated Loudness Program : -23LUFS
- Target Level Tolerance : +/- 0.5 LU
- Maximum True Peak : -1dBTP
- Maximum Momentary : +8LU
- Maximum Short Term Momentary (3 Sec) : No Limitation
- Loudness Range : No Limitation

Note: 'Integrated Loudness' is the definition for the target of the 'Programme Loudness' stated in metres in conformity with EBU Tech 3341.

Adstream File Delivery Specification For Czech Republic

To maintain a consistently high quality product Adstream require all material for distribution in this region to be supplied to the following HD specifications

HD File Specifications

Uncompressed 8-bit YUV 1080/50

Video:

Codec : Uncompressed 8bit YCbCr
Chroma
Container : Quicktime Movie
Chroma Subsample : 4:2:2
Interlacing : Upper/Top Field First
Frame Size : 1920x1080
Frame Rate : 25 FPS
Aspect Ratio : 16:9

Audio:

Codec : Integer (Big/Little Endian)
PCM
Sample Rate : 48kHz
Sample Size : 16 bit / 24 bit
Channels : Stereo

Quicktime ProRes 422HQ 1080/50

Video:

Codec : Apple Quicktime ProRes 422 (HQ)
Container : Quicktime Movie
Profile : HQ
Chroma Subsample : 4:2:2
Interlacing : Upper/Top Field First
Frame Size : 1920x1080
Frame Rate : 25 FPS
Aspect Ratio : 16:9

Audio:

Codec : Integer (Little Endian) PCM
Sample Rate : 48kHz
Sample Size : 24bit
Channels : Stereo

Quicktime Wrapped XDCAM 1080/50

Video:

Codec : XDCAM 422
Container : MXF
Profile : MPEG-2 422P@HL
Bitrate : 50Mb/s CBR
Chroma Subsample : 4:2:2
Interlacing : Upper/Top Field First
GOP Structure : I Frame Only
Frame Size : 1920x1080
Frame Rate : 25 FPS
Aspect Ratio : 16:9

Audio:

Codec : Integer (Big/Little Endian)
PCM
Sample Rate : 48kHz
Sample Size : 24bit
Channels : Stereo

HD Video Level Requirements

TV Format : HDTV
Aspect Ratio : 16:9
Title Safe : 16:9

All Video Signals Should Comply With ITU-R BT.709 And Video Signals Should Not Exceed The Specified Limits

- Luminance (Y) Should Not Exceed 700mV, Or Fall Below 0mV

Out of gamut tolerance

Whilst Adstream and the Broadcasters will reject illegal video levels they understand there may be instances where it is difficult to completely avoid, and following EBU recommendation Rec.103 will allow a small tolerance, assuming no more than 1% of the active picture is in error.

- Luminance (Y) must be between -1% and 103% (ie between -7mV and 721mV)

HD Audio Level Requirements

The loudness level of the programme material must be in agreement with the EBU R128-2014 directive, including the following delivery specifications :

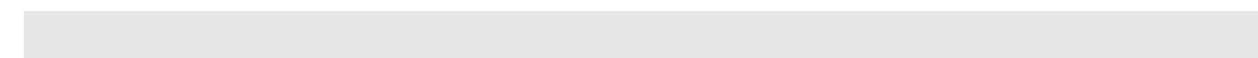
- Reference Level : 1kHz@ -18dBFS
- Integrated Loudness Program : -23LUFS
- Target Level Tolerance : +/- 0.5 LU
- Maximum True Peak : -1dBTP
- Maximum Momentary : +8LU
- Maximum Short Term Momentary (3 Sec) : No Limitation
- Loudness Range : No Limitation

Note: 'Integrated Loudness' is the definition for the target of the 'Programme Loudness' stated in metres in conformity with EBU Tech 3341.

Adstream File Delivery Specification For Czech Republic

Clock/Slate and Pre & Post Roll Information

	Duration	Example Timecode
TVC (No Pre or Post Required)	30"	00:00:00:00 - 00:00:29:24



Please supply commercial only, no pre or post roll is required.

A unique AKA code must be provided in the Clock number field for each commercial.
Please request AKA code from your Media agency, alternatively we can generate on request (free of charge).

Sponsorship does not need an AKA code.

Local Clearance:

Where commercial music is used all rights information must be provided to the Adstream order interface.

Please always provide music references. The names of the artist, composer and music title are required

Additional Information:

Should You Require Any Further Information Or Clarification Please Contact Your Local Adstream Office