

# Czech/Slovak Technical Specifications

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All files uploaded to Peach Classic are immediately run through an Auto QC process. To ensure files are not rejected please adhere to the guidelines below.

	HD (1080/50i)
Container	<b>MXF (OP1a)</b>
<b>Video</b>	
Codec	<b>XDCAM HD422</b>
Format Profile	<b>422P@HighLevel</b>
Frame size	<b>1920 x 1080</b>
Display Aspect Ratio	<b>16:9</b>
Frame rate	<b>25 fps</b>
Interlacing	<b>Upper Field First</b>
Bitrate	<b>50 Mbps</b>
Chroma Subsampling	<b>4:2:2</b>
GOP Length	<b>12 (M=3, N=12)</b>
<b>Audio</b>	
Format	<b>PCM (Little Endian)</b>
Channels	<b>2 (1 channel per stream)</b>
Sample Rate	<b>48 kHz</b>
Bit Depth	<b>16 bits / 24 bits</b>

## File Layout

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Files must be exact duration; TVC content only. No pre or post roll such as clock/slate, bars, black, hold, freeze or audio tone is required.

## Video Levels

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Levels must be in accordance with *ITU BT.601* for SD content, *ITU BT.709* for HD content, and *EBU R103-2000* recommendations:

Luma = Level 16-235 (not RGB 0-255 level), equivalent to 0% - 100% or 0mV - 700mV. Chroma = Level 16-240, equivalent to maximum 100% RGB.

All content should be upper/first field dominant throughout and must be free of encoding artefacts, dropout, glitches, blocking, interlace issues or excessive aliasing and considered broadcast quality throughout.

## Audio Levels

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The Programme Loudness Level must be normalised to -23 LUFS ( $\pm 0.5$  LU) and -3 dBTP max, according to *EBU R128* recommendations.

For destinations accepting R68 audio, the audio must peak above -9dBFS.

Audio should be free of any distortion, glitches or excessive sibilance and must be in phase and in sync with the video throughout.