



ANZ | Technical Specifications

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

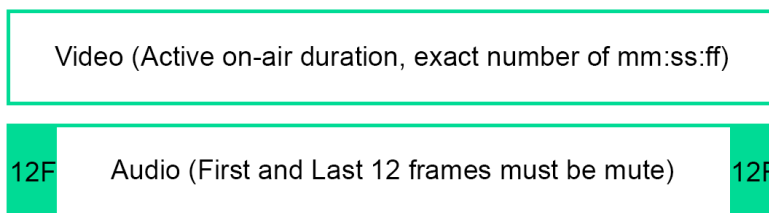
	HD (1080/50i)	
Container	MXF (OP1a)	MOV (QuickTime)
Video		
Codec	XDCAM HD422	XDCAM HD422
Format Profile	422P@HighLevel	422P@HighLevel
Frame Size	1920 x 1080	1920 x 1080
Display Aspect Ratio	16:9	16:9
Frame Rate	1080/50i: 25 fps	1080/50i: 25 fps
Interlacing	Upper Field First	Upper Field First
Bitrate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



File Layout

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

Content delivered to Australia requires the first and last 12 frames of the audio to be mute.



This is not a requirement for New Zealand

Naming Convention

Australia - Key Number: Must be capital letters and numbers only, not exceeding 13 characters e.g. PCHDEMO0001HD

New Zealand - https://commercialapprovals.co.nz/standards/key_numbers/

Video Levels

Levels must be in accordance with *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 and 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

The Programme Loudness Level must be normalised to -24 LUFS (± 1.0 LU) and -2 dBTP max as per BS1770-3 measurement for R128.

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



Safe Area

Please ensure all On Screen Text is free from spelling and grammatical errors, and within the relevant Safe Area in accordance with *EBU R95-2017* recommendations

HD Safe Area 1920x1080 Interlaced

