BBC Spec Main Points – Cutdown

With regards to the 60 minute TX version, we may need a 50-minute cut-down of this programme for clients to air in a commercial hour. A duration between 48–52 minutes is acceptable; however, we recommend that there is consistency in timings across a series.

- Resolution of 1920 x 1080
- Field Dominance set to 'Upper' for files containing interlaced video
- Frame rate that matches the frame rate of the programme
- Apple ProRes HQ® or the QuickTime® Animation codec
- Files encoded using the Animation codec must have spatial resolution set to 50
- Bit Rate is set automatically as a function of frame size and frame rate
- The file must have a bit depth of minimum 8-bits
- Alpha Channel: Yes, if available
- The file must use the ITU-R709 colour space
- Pixel aspect ratio set to 1:1 (square)
- QuickTime® (.mov) wrapper

UID

Series Title

Series Number

Episode Title (if applicable)

Texted, Textless or Dual Purpose

According to DPP spec, no technical information may be included. The clock or slate may display telephone contact numbers for the post-production facility and production company, and may display company branding.

File Delivery

6.1 HD File Specification

- File to start at T/C 09:59:30:00
- 20" EBU bars and 10" clock (final 3 secs black) to
- First frame of programme start at T/C 10:00:00:00
- Programme in its entirety, including opening and closing credits.
- Minimum 10 second gap before additional elements.
- Minimum 5 seconds black to end of file.

PROGRAMME CONTENT LAYOUT

- Tracks must be laid out sequentially as noted
- The content of Channels 1 & 2 must be final mix
- Dolby E encoded 5.1 mix and other audio content layouts may be permitted with **prior** approval from BBC Studios
- Audio indicators/tags **must** match the above configuration
- Audio tracks must be correctly Tagged (e.g. using QuickTime®)
- Please refer to section 4.1 for additional stems that need to be supplied.

All channels must be DISCRETE

CHANNEL	CONFIGURATION NAME	QUICKTIME® AUDIO ASSIGNMENT
1	Main Stereo Left	Left
2	Main Stereo Right	Right
3	M&E / Mix Minus Narr Stereo Left	Left
4	M&E / Mix Minus Narr Stereo Right	Right
5	Main Front Left	Left
6	Main Front Right	Right
7	Main Centre	Centre
8	Main LFE	LFE Screen
9	Main Surround Left	Left Surround
10	Main Surround Right	Right Surround

VIDEO SOURCE	Digital: HD-SDI
VIDEO CODEC PROFILE	Apple ProRes® 4:2:2 (HQ)
CONTAINER	MOV (All files must have .mov file extension)
STREAM TYPE	QuickTime®
FRAME RATE	50i and a copy in the native frame rate if different to this (23.98PsF, 24PsF, 25PsF, 29.97PsF, 50i, 59.94i permitted)
SCAN FLAG	As per Source. Interlaced OR Progressive. (Mixed material may only be delivered with prior approval from BBC Studios Global Operations. The file must be accompanied by a comprehensive schedule specifying the timecodes of the relevant sections.)
BIT DEPTH	10-bit
VIDEO BITRATE	Typically 185Mbps for 50i content (set by relevant encoding profile)*
VIDEO COMPRESSION MODE	VBR (Variable Bit Rate)
COLOUR SPACE	YUV (YCbCr)
PIXEL ASPECT RATIO	Square
FRAME STRUCTURE	i-Frame Only
INTRA FRAME DISTANCE	1
AUDIO SOUND FORMAT	Stereo and/or 5.1 Surround
SAMPLE FREQUENCY	48kHz
AUDIO BIT DEPTH	24-bit, Other bit-depths by prior approval
AUDIO CODEC	PCM (Uncompressed) Big Endian or Little Endian

4.6 Recaps and Trails

For recaps (previously on) and trails (next time), we require these as an additional element at the end of the master, following the textless elements.

Please ensure these are not time specific (e.g. tomorrow, next week etc.). Please also ensure that there are textless elements and all the associated audio (including split track audio) delivered for these, and they are documented in the script and music cue sheet.

Please flag if there are no recaps and/or trails for your programme.

END BOARD:

These should have the "distributed by BBC studios" end board,
which goes at the very end of the show, as the last element after production.

Endboard – 3 seconds, mute audio.

There won't be anything at the opening.