

This document sets out the guidelines for delivery of commercial copy for Transmission in the UK. Any deviation from these specifications could result in the copy being rejected.

Please direct any queries to **delivery@beam.tv**

OVERVIEW

NOTICE: Beam will no longer accept SD files for transmission from July 3rd 2023. HD files will be transcoded in the distribution pipeline for broadcasters that still require an SD copy.

NAMING.

The file must be named in the following way: CLOCKNUMBERunderscoreHD.

LEAD IN / OUT.

The commercial should be preceded by a silent countdown clock of 7 seconds duration followed by 3 seconds of black and silence prior to the first active frame.

At the end of the commercial there should be zero-second freeze frame.

GENERIC.

- The clock should be silent and visually identify the product and agency copy number (with slashes and not dashes), title, commercial duration, the correct audio state (stereo / mono) and the aspect ratio. It should not state 'R128'.
- Any other relevant information should also be indicated on the clock
i.e. 4 channels of audio / mono, commercial starts on black, intentionally quiet audio, etc.
- All signals should conform to broadcast regulations, including loudness specifications, and be free of artefacts.
- Video levels should not exceed 700mV or fall below 0mV, although EBU REC.103-2000 tolerances will be accepted.
- Chrominance should be within RGB and Composite gamut and legal in all domains
although EBU REC.103-2000 tolerances will be accepted.
- It is recommended that any compression and gain levels are the same as those provided by the sound house.
- Captions should conform to Clearcast guidelines with all legal text falling within 16:9 title safety.
- The first 6 frames and the last 6 frames of the commercial should be completely mute.
- Silence is measured below -70dBFS.
- If material is also for ROI please be aware that ROI prefers 12frames mute top and tail but will accept 6 frames

DELIVERY TO BEAM.

You require a secure and personalised username and password for our secure servers in order to deliver to us. Please contact **delivery@beam.tv** to set this up for you.

FILE SUBMISSION

Please supply the commercial in the definition as instructed by the client.

QUICKTIME HD 50I

Codec:	Apple ProRes 4:2:2 (HQ)
Container:	Quicktime
Audio:	Linear PCM, Little Endian, 24 bit, 48Khz
Interlaced:	Interlaced TFF
Chroma:	4:2:2
Aspect Ratio:	16:9
Framerate:	25fps
Framesize:	1920 x 1080
Audio ch 1:	Stereo Left/Mono
Audio ch 2:	Stereo Right/Mono
File Extension:	.mov

AUDIO - UK & ROI

Loudness Requirements:	R128
Short Term:	(recommended -18 LUFS max)
Momentary:	n/a
Integrated:	-23 LUFS ± 0.5LUFS
DB T P:	-1 max (recommended -3 max)
PPM Type II Ballistics:	n/a
DB F S:	n/a

MISC - UK & ROI

Aspect Ratio:	16x9 FHA / 16:9
Title Safety:	16x9 EBU R.95-1
Naming:	CLOCKNUMBERunderscoreDEFINITION e.g. AAA-BBBB000-000_SD e.g. AAA-BBBB000-000_HD
NOTE: All files must be named in this way	