



TECHNICAL SPECIFICATIONS

Video files delivered to IMD must adhere to the following layout:

10 seconds of pre-roll:

This can simply be Black & Silence or consist of a 7 second Slate/Countdown with content information regarding the pending video – *please note that if a Slate/Countdown is present it must end 3 seconds prior to the commencement of the video content.*

Timecode example for supplied content (with Slate):

00:00:00:00 Start Slate/Countdown (7")*
00:00:07:00 Black & Silence (3")*
00:00:00:00 Video In Point (Start of content)
Variable T/C Video/audio Out Point (End of Message)
- Add 1" black & silence to the end of the file*

Timecode example for supplied content (no Slate):

00:00:00:00 Pre-roll (10")*
00:00:00:00 Video In Point (Start of content)
Variable T/C Video/audio Out Point (End of Message)
- Add 1" black & silence to the end of the file*

Content must adhere to our preferred file specifications. Please see page two for information regarding the creation of High and Standard Definition files.

**Pre-roll and post-roll must not contain any test tone or other audio activity.*

1 second of Post-roll:

Please add 1 second of Black & Silence directly after the final frame of content video and audio, whichever ends last.

File naming:

Please label your files with the following information:

- ✓ The file name must contain the artist/band name.
- ✓ The file must contain the track title.
- ✓ If the track being supplied has been submitted before you must add a version name to the newly supplied file – e.g. “NEW-EDIT”, “EXPLICIT”, “CLEAN”, etc.
- ✓ The file name must not contain **spaces** or **special characters**.

Standards Conversion

Files that are delivered in NTSC can be converted to PAL for use in European territories. Our standard rate for this is £150 for a music video up to 5 mins. in duration. Fastrax can also convert PAL files to NTSC upon request.

Harding Tests

Fastrax are also able to provide Harding tests from both tape deliveries and files. Please contact the Fastrax team if you would like more information and prices.

Should you also require **templates for software or hardware applications** we will be happy to provide these to you.

Please contact us for login details to our order website and FTP server.

	SD			HD *		
Type	Apple ProRes	IMX50	MPEG 2	Apple ProRes	DNxHD	HD MPEG 2
File Format	MOV (QuickTime)	MOV (QuickTime) / MXF (OP1a)	MPG (MPEG Program Stream)	MOV (QuickTime)	MXF (OP1a)	MXF (OP1a)
Video						
Format	ProRes 422	IMX50	MPEG 2	ProRes 422 HQ	DNxHD (VC-3)	MPEG 2
Format Profile	Normal		422@Main / 422@High	High Quality (HQ)		422@High / High@High
Width	720	720	720	1920	1920	1920
Height	576 / 608	576 / 608	576 / 608	1080	1080	1080
Display Aspect Ratio	16:9 FHA	16:9 FHA	16:9 FHA	16:9	16:9	16:9
Bitrate Mode			Constant			Constant
Bitrate		50 Mbps	50 Mbps		185 Mbps	100 Mbps
Framerate	25 fps	25 fps	25 fps	25 fps	25 fps	25 fps
Chroma Subsampling	4:2:2	4:2:2	4:2:2	4:2:2	4:2:2	4:2:2
Interlacing	Interlaced Top Field First	Interlaced Top Field First	Interlaced Top Field First	Interlaced Top Field First	Interlaced Top Field First	Interlaced Top Field First
GOP Structure			I Frame Only			I Frame Only
Audio						
Format	PCM	PCM	MPEG 1 Layer 2 (MP2)	PCM	PCM	PCM
Bitrate Mode			Constant			
Bitrate			384 Kbps			
Channels	2 (Stereo)	2 (Stereo)	2 (Stereo)	2 (Stereo)	2 (Stereo)	2 (Stereo)
Sample Rate	48 kHz	48 kHz	48 kHz	48 kHz	48 kHz	48 kHz
Bits per Sample	16 / 24 bits	16 / 24 bits	16 / 24 bits	16 / 24 bits	16 / 24 bits	16 / 24 bits
Peak Level	-10 dBfs	-10 dBfs	-10 dBfs	-10 dBfs	-10 dBfs	-10 dBfs

Material may be **rejected** or a **correctional charge** applied if these specs are not adhered to.