

# Planeta TV - Technical Details

## 1.File format MPEG 2 - .mpg (Standart Definition)

Parameter	Value
File Type	MPEG 2
Frame Size	720x576
Aspect Ratio	Recommended 16x9 (anamorphic) - Pixel Aspect Ratio – 1,46
Framerate	25,00 fps
Color Space	Rec 601
Video streams	IBP / Main level@Main profile - CBR
Video Bit Rate	25 MBit/Sec
File Field Order	Odd (Upper Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:2 or 4:2:0
Audio streams	MPEG-1 Audio Layer II(MP2), 48 kHz, Stereo, 384 kb/s CBR
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	Mpeg 2
Mux rate	1066200
Gop Size	1
Ref Period	1

## 2.File format MPEG 2 - .mpg (High Definition)

Parameter	Value
File Type	MPEG 2
Frame Size	1920x1080
Aspect Ratio	16x9 (square pixel) - Pixel Aspect Ratio – 1,00
Framerate	25,00 fps
Color Space	Rec 709
Video streams	IBP / Main level@Main profile - CBR
Video Bit Rate	50 MBit/Sec
File Field Order	Odd (Upper Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:2; or 4:2:0
Audio streams	MPEG-1 Audio Layer II(MP2), 48 kHz, Stereo, 384 kb/s CBR
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	Mpeg 2
Mux rate	2132400
Gop Size	1
Ref Period	1

### 3. File format Audio Video Interleave - .avi (Standart Definition)

Parameter	Value
File Type	AVI
Frame Size	720x576
Aspect Ratio	Recommended 16x9 (anamorphic) - Pixel Aspect Ratio – 1,46
Framerate	25,00 fps
Color Space	Rec 601
Video streams	DV Pal
Video Bit Rate	25 MBit/Sec
File Field Order	Even (Lower Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:0
Audio streams	PCM 48 kHz, 16 bit - Little Endian, Stereo, 1536 kb/s
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	AVI
Mux rate	1066200
Gop Size	1
Ref Period	1

### 4. File format Audio Video Interleave - .avi (High Definition)

File Type	Avi
Compression	uncompressed video -10 bit YUV
Frame Size	1920x1080
Aspect Ratio	16x9 (square pixel) - Pixel Aspect Ratio – 1,00
Framerate	25,00 fps
Color Space	Rec 709
Video streams	Default
Video Bit Rate	1006 MBit/Sec
File Field Order	Odd (Upper Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:2
Audio streams	PCM 48 kHz, 16 bit - Little Endian, Stereo, 1536 kb/s
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	Avi
Mux rate	1066200
Gop Size	1
Ref Period	1

## 5.File format Quick Time - .mov (Standart Definition)

Parameter	Value
File Type	MOV
Frame Size	720x576
Aspect Ratio	Recommended 16x9 (anamorphic) - Pixel Aspect Ratio – 1,46
Framerate	25,00 fps
Color Space	Rec 601
Video streams	DV Pal
Video Bit Rate	25 MBit/Sec
File Field Order	Even (Lower Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:0
Audio streams	PCM 48 kHz, 16 bit - Little Endian, Stereo, 1536 kb/s
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	MOV
Mux rate	1066200
Gop Size	1
Ref Period	1

## 6.File format Quick Time - .mov (High Definition)

File Type	MOV
Compression	uncompressed video -10 bit YUV
Frame Size	1920x1080
Aspect Ratio	16x9 (square pixel) - Pixel Aspect Ratio – 1,00
Framerate	25,00 fps
Color Space	Rec 709
Video streams	Default
Video Bit Rate	1006 MBit/Sec
File Field Order	Odd (Upper Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:2
Audio streams	PCM 48 kHz, 16 bit - Little Endian, Stereo, 1536 kb/s
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	MOV
Mux rate	2132400
Gop Size	1
Ref Period	1

## 7.File format H.264 - .mp4 (Standart Definition)

Parameter	Value
File Type	MP4 or MOV
Frame Size	720x576
Aspect Ratio	Recommended 16x9 (anamorphic) - Pixel Aspect Ratio – 1,46
Framerate	25,00 fps
Color Space	Rec 601
Video streams	IBP / Main level@Main profile - CBR
Video Bit Rate	25 MBit/Sec
File Field Order	Odd (Upper Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:2 or 4:2:0
Audio streams	AAC, 48 kHz, Stereo, 384 kb/s CBR
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	MP4
Mux rate	1066200
Gop Size	1
Ref Period	1

## 8.File format H.264 - .mp4 (High Definition)

Parameter	Value
File Type	MP4 or MOV
Frame Size	1920x1080
Aspect Ratio	16x9 (square pixel) - Pixel Aspect Ratio – 1,00
Framerate	25,00 fps
Color Space	Rec 709
Video streams	IBP / Main level@Main profile - CBR
Video Bit Rate	50 MBit/Sec
File Field Order	Odd (Upper Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:2; or 4:2:0
Audio streams	AAC, 48 kHz, Stereo, 384 kb/s CBR
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	MP4
Mux rate	2132400
Gop Size	1
Ref Period	1

## 9. File format Material Exchange Format - .mxf (High Definition)

File Type	Mxf
Compression	Mpeg IMX – D10
Frame Size	720x608
Aspect Ratio	Recommended 16x9 (anamorphic) - Pixel Aspect Ratio – 1,18
Framerate	25,00 fps
Color Space	Rec 601
Video streams	Default
Video Bit Rate	30 MBit/Sec
File Field Order	Odd (Upper Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:2
Audio streams	PCM 48 kHz, 24 bit - Stereo, 2304 kb/s
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	Mxf
Mux rate	1066200
Gop Size	1
Ref Period	1

## 10. File format Material Exchange Format - .mxf (High Definition)

File Type	Mxf
Compression	Mpeg HD 422
Frame Size	1920x1080
Aspect Ratio	16x9 (square pixel) - Pixel Aspect Ratio – 1,00
Framerate	25,00 fps
Color Space	Rec 709
Video streams	Default
Video Bit Rate	50 MBit/Sec
File Field Order	Odd (Upper Field First)
Video Levels	1 Vp-p measured with Waveform monitor
Chroma Sampling	4:2:2
Audio streams	PCM 48 kHz, 24 bit - Stereo, 2304 kb/s
Audio level limit	Truepeak maximum -0,4 dbfs
Total streams	2
Type of packs	Mxf
Mux rate	2132400
Gop Size	1
Ref Period	1