Codec Plugin for DaVinci Resolve Studio

AS-11 UK DPP rendering and native HEVC, all in one place

Now, you can render project timelines from DaVinci Resolve Studio into the same professional camera format video content was recorded in, including Sony, Panasonic and others, using the first codec plugin approved by Blackmagic Design. With the MainConcept Codec Plugin for DaVinci Resolve Studio, the complete production chain—from filming, capturing and editing to playout—can remain in the same broadcast format.

The MainConcept Codec Plugin for DaVinci Resolve Studio enables AS-11 UK DPP SD (MPEG-2) and HD (AVC/H.264) project rendering direct from the DaVinci Resolve Studio timeline—eliminating the need for redundant applications. The included XML metadata template file can be modified to set all descriptive metadata required to create AS-11 UK DPP compliant content.

The plugin also allows native access to HEVC Main and Main 10 profiles, making use of MainConcept’s industry-leading HEVC/H.265 software video encoder. This feature provides encoding up to 8K resolution and 10-bit 4:2:2 to satisfy the needs of most broadcast and OTT use cases.

Gone are the days of moving between different applications to finalize and deliver content. With direct integration into the DaVinci Resolve Studio user interface, editors maintain a seamless experience throughout their project workflow. And, they reap the benefit of new encoding formats and up to 20% faster encoding when compared to open-source encoders(1).

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Rendering Project Timelines from DaVinci Resolve Studio

FAST
Encode in HEVC up to 20% faster than open source(1).

EFFICIENT
Experience a seamless workflow in DaVinci Resolve Studio.

RELIABLE
First plugin for DaVinci Resolve Studio approved by Blackmagic Design.

KEY FEATURES
• Use generic HEVC/H.265 Main and Main 10 presets in up to 8K
• Create compliant AS-11 UK DPP content using ready-to-use SD and HD presets, including metadata processing and XML sidecar file generation
• Render project files into popular camera formats including Sony and Panasonic

(1) Source: Moscow State University 4K codec performance comparison

OPERATING SYSTEM
• Microsoft Windows 10 (64-bit)
• Apple Intel macOS 10.14.6 (Mojave), Apple M1 macOS 11 (Big Sur) or newer (64-bit)
• Linux RedHat, CentOS 7.4 (64-bit)
• Blackmagic Design DaVinci Resolve Studio 17

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AVAILABLE FORMATS AND PRESET GROUPS

- MainConcept MXF (AS-11):
  - AS-11 UK DPP SD
  - AS-11 UK DPP HD
- MainConcept MP4 (HEVC):
  - HEVC 8-bit
  - HEVC 10-bit
- MainConcept MP4:
  - Sony XDCAM EX
  - Sony XAVC-S
- MainConcept MXF:
  - Panasonic P2 AVC-Intra
  - Panasonic P2 AVC LongG
  - Panasonic P2 DVCPRO
  - RP2027 AVC-Intra
  - Sony XAVC Long GOP
  - Sony XAVC Intra
  - Sony XDCAM HD
  - Sony XDCAM IMX
- MainConcept DVD:
  - DVD (MPEG-2)

ABOUT MAINCONCEPT

MainConcept provides audio and video codec solutions that fuel creativity and business across the globe—from professional video production, multimedia, broadcast, digital signage, and gaming to the medical and security verticals. Our software development kits, transcoding applications and plugins deliver the simplicity you need with the customer experience you deserve. Since 1993, MainConcept codecs have been used by hundreds of organizations including Adobe, Autodesk, Corel, Dalet, Encoding.com, Endeavor Streaming, Grass Valley, Intel, MAGIX, Nikon, PlayBox Neo and Soliton. For more information, visit www.mainconcept.com.

ABOUT BLACKMAGIC DESIGN DAVINCI RESOLVE

Blackmagic Design DaVinci Resolve is a professional cross-platform video editing software suite featuring high-end effects and color-grading features, unifying the entire post-production process into a single product. Together with the MainConcept Codec Plugin, broadcast and film production can reach new heights in speed, efficiency, reliability and creativity.