

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, editing and 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⁾.

BENEFITS

-  **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

SYSTEM REQUIREMENTS

- Microsoft Windows 10 (64-bit)
- Apple macOS 10.14.6 (Mojave) or newer (64-bit)
- Linux RedHat, CentOS 7.4 (64-bit)
- Blackmagic Design DaVinci Resolve Studio 17

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
 - RP2027 AVC-Intra
 - Sony XAVC Long GOP
 - Sony XAVC Intra
 - Sony XDCAM HD
 - Sony XDCAM IMX

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.

ABOUT MAINCONCEPT

Since 1993, MainConcept has provided best-of-breed video/audio codec solutions that fuel creativity and business globally for professional video production, multimedia, broadcast, digital signage, gaming, medical and security industries. Our software development kits, transcoding applications and plugins are used across industry verticals to meet an ever-expanding list of use cases. With world-class engineering, exquisite attention to detail, and best-in-class support and professional services, we are constantly innovating to deliver you the simplicity you need with the customer experience you deserve. MainConcept codecs are engineered to surpass the challenges of even the most demanding use cases and are used by organizations such as Adobe, Nikon, Intel, MAGIX, Playbox, Soliton, TourGigs, Cinnafilm and Endeavor Streaming. For more information, visit www.mainconcept.com.