

Codec Plugin for DaVinci Resolve Studio

Extended set of ready-to-use project render profiles, 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.

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⁾

AS-11 DPP FILE FORMAT FOR UK SPEC COMPLIANT PROGRAMME DELIVERY

The MainConcept Codec Plugin for DaVinci Resolve Studio enables AS11 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.

GENERIC HEVC AND AVC RENDER PROFILES

The plugin also allows native access to HEVC and AVC profiles, making use of MainConcept's industry-leading HEVC/H.265 and AVC/H.264 software video encoders, plus AAC audio encoding for all platforms, including Linux. These generic render presets provide encoding up to 12K resolution and 10-bit 4:2:2 to satisfy the needs of most broadcast and OTT use cases. The latest version of the plugin comes with additional render profiles for HEVC/H.265 Main/Main 10 12K resolution, so you can output content from the Blackmagic URSA Cine 12K camera in its native resolution directly from the DaVinci Resolve Studio timeline.

BLU-RAY DISC AND DVD COMPLIANT CONTENT FOR COMMON AUTHORING TOOLS

The plugin offers preset groups that are not natively available in DaVinci Resolve Studio, including render profiles for Blu-ray Disc UHD, Blu-ray Disc and DVD. Create streams that are compliant with common verifiers and authoring tools. All presets can render projects as either multiplexed or as separate audio and video elementary streams.

OPERATING SYSTEM

- Microsoft Windows 10 or newer
- Apple macOS 13 (Ventura) or newer for both Apple Silicon and Intel CPUs
- Rocky Linux 8.6, CentOS 7.9
- Blackmagic Design DaVinci Resolve Studio 17 or newer

RENDER 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 and AVC/H.264 8-bit and 10-bit presets
- 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
- Render presets for HEVC/H.265 12K resolution for outputting Blackmagic URSA Cine content in its native resolution
- GPU-accelerated encoding modes on NVIDIA RTX boards for significantly increased performance without sacrificing quality

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

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AVAILABLE FORMATS AND PRESET GROUPS

MainConcept MXF

- AS-11 UK DPP SD
- AS-11 UK DPP HD
- 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 MP4

- HEVC 8-bit (with AAC audio)
- HEVC 10-bit (with AAC audio)
- H.264 8-bit (with AAC audio)
- H.264 10-bit (with AAC audio)
- Sony XDCAM EX
- Sony XAVC-S

MainConcept DVD

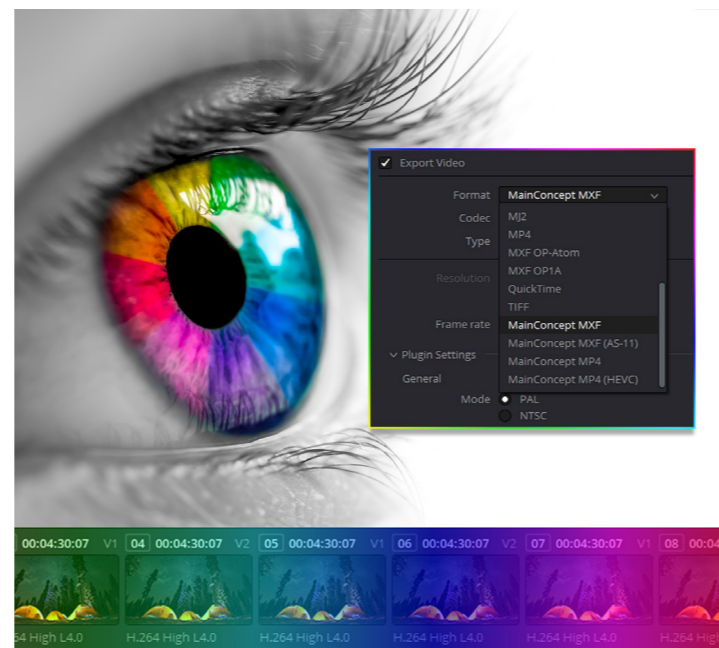
- DVD (MPEG-2)

MainConcept Blu-ray Disc

- Blu-Ray
- Blu-Ray UHD

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, Soliton and Wowza. For more information, visit www.mainconcept.com.



ABOUT BLACKMAGIC DESIGN DAVINCI RESOLVE STUDIO

Blackmagic Design DaVinci Resolve Studio 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.

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MORE INFORMATION

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