



DaVinci Resolve 14 nouvelle mise à jour, Blackmagic Design souhaite optimisée la solution pour répondre aux besoins les plus importants pour la secteur de la post production. Le premier enjeu étant la performance : DaVinci **Resolve 14 est maintenant plus de 10 fois plus rapide**

que sa version précédente, il est très fluide et encore plus réactif. Nous vous présenterons avec Black Magic Design cette nouvelle version le Jeudi 1er Juin à Paris dans le 10 eme [\(programme et inscription\)](#)

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- Les améliorations de la performance et les nouvelles fonctionnalités audio sont intégrées au logiciel DaVinci Resolve que vous pouvez télécharger gratuitement. Cependant, les nouveaux outils de collaboration et certains nouveaux plug-ins sont seulement disponibles dans le logiciel payant DaVinci Resolve Studio. La bonne nouvelle, c'est que nous avons réduit le prix de DaVinci Resolve Studio à seulement **279 €**, ce qui le rend bien

plus abordable. Black Magic Design vient de sortir une version bêta publique de DaVinci Resolve 14, que vous pouvez télécharger dès maintenant depuis le site Internet Blackmagic Design.

- Mise à jour logicielle : [version bêta publique de DaVinci Resolve 14 Studio](#)

- Elle intègre toutes les fonctionnalités de la version gratuite, ainsi que des dizaines de filtres Resolve FX, dont des outils de reconnaissance faciale et d'amélioration du visage perfectionnés, des fonctionnalités pour la collaboration multi-utilisateurs, une sortie 4K et plus à des fréquences d'images pouvant atteindre 120 i/s, des effets de flou de bougé, une réduction de bruit spatiale et temporelle, des outils 3D et autres. Cette version nécessite un dongle DaVinci Resolve.

- Cette version bêta améliore la performance de DaVinci Resolve 14 Studio. DaVinci Resolve 14 Studio offre toutes les fonctionnalités de la version gratuite ainsi qu'une dizaine de filtres Resolve FX supplémentaires, dont des outils de reconnaissance et d'amélioration faciale. Le logiciel dispose également d'outils collaboratifs, d'une sortie 4K et plus à des fréquences d'images pouvant atteindre 120 i/s, d'effets de flou de bougé, d'une réduction de bruit spatiale et temporelle, d'outils 3D et autres. Cette version nécessite un dongle DaVinci Resolve.

What's new in DaVinci Resolve 14 :

Collaboration :

- * All new collaboration workflow which allows multiple users to work on the same project at the same time
- * Added ability for collaborating video/audio editors and colorists to work on the same timeline at the same time
- * Resolve Collaboration supports any shared storage technology and works with a PostgreSQL shared database server
- * Support for live saving all collaborator actions in a collaborative project
- * Support for Project Manager indicators to show collaborative projects
- * Ability for collaborators to pick a profile on their shared projects
- * First come first serve write access for Media Pool Bins with read access for everyone else
- * Live Media Pool side bar bin updates including user locks and refresh available indicators
- * Timeline indicators to show user locks and refresh available
- * Live update of Color Page thumbnail icons to indicate user locks and refresh available
- * Live sharing of Color Page still galleries
- * New compare timeline tool to simplify merging timelines from multiple collaborative users *
- * Live group chat feature on collaborative projects

Improved Performance, Fluidity And Usability :

All new image processing engine with numerous performance improvements and optimizations

- * New image processing engine which maximizes single and multi-GPU utilization
- * Support for GPU processing using Metal on Mac
- * New optimized performance mode for improved playback
- * New dynamic memory manager for optimized CPU memory usage
- * Improved performance on single GPU laptops and workstations
- * Improved editing and playhead fluidity on the Edit page timeline
- * Dramatically improved latency of JKL playback
- * Improved Color Page playback start/stop latency
- * Improved Multicam playback performance
- * Improved pan and zoom on viewers when using the trackpad with support for an Alt/Option modifier
- * Improved performance when scrubbing H.264 and similar codecs
- * Support for improved CPU usage

All new database engine for improved management and performance on PostgreSQL and DiskDB :

- * Support for a new live save option where changes are saved as you work
- * Support for incremental fast saves in the new and improved DiskDB
- * Ability to save, load, update and delete user UI layout presets

Improved media access and performance :

- * Improved H.264 encode and decode performance
- * Improved performance for file listing in Media Storage
- * Improved scrolling performance in Media Storage folders and Media Pool bins with many clips
- * Improved speed of importing AAF timelines
- * Improve speed of Optimized media generation, transcoding and fusion rendering
- * Support for Optimized Media in 3D stereoscopic clips
- * Support of high frame rate timelines up to 120 frames per second - DaVinci Resolve Studio only
- * Support for up to 16Kx16K source images and timeline resolution
- * Ability to drag a file or folder from Finder/Explorer to Media Storage in order to navigate there

Audio :

- * New Fairlight audio processing engine for all audio in Resolve
- * New Fairlight page with dedicated audio editing, mixing, finishing and mastering controls
- * Support for unlimited audio tracks, 8 main, sub and aux outputs
- * Support for Fairlight Audio Accelerator and I/O hardware
- * Support for Fairlight free standing and desktop consoles
- * Single and dual monitor UI configurations on the Fairlight page
- * Fairlight page includes Media Pool, timeline, metering, mixer, effects, video preview, timeline index and inspector

Key Features :

- * Six band EQ for every track
- * Expander/Gate, Compressor and Limiter Dynamics for every track
- * 2D and 3D Pan control for sound placement *
- * Timeline toolbar includes a pointer and a marquee tool, automation state, snapping, flags, markers and timeline options
- * Automation includes trim state, touch, latch or off mode, event selection
- * Support for separate enables for fader, mute, pan, EQ, compressor, Gate, Aux, Limiter and Plugins

Monitoring and metering features :

- * Level meters for all channels, Masters, Subs, Aux and groups
- * Monitoring of main outputs available in mono, stereo5.1, Atmos, Auro, DTS, IMAX and multichannel up to 22.2
- * Compound metering includes speaker group selection, phase and loudness with integration control
- * Video preview available as docked or popup viewer with SDI video output

Timeline features :

- * Track sidebar includes controls for gain, automation, lock, solo, mute and record
- * Track sidebar includes indicators for track number, name, color, linked track and meters
- * Timeline clips include user selectable indicators for clip name, gain, FX, group, EQ, Source, Speed, Linked status, stem/channel bit depth, sample rate and source channel
- * Timeline clips include full or rectified audio waveform with waveform border, gain level, fade handles and automation keyframe control
- * User selection of timecode display with subframes and samples, feet and frames or only samples
- * Five preset and custom user selectable track height with locks
- * New timeline index shows tracks and markers

UI dialogs for setup and assignment :

- * Each mixer track includes input selection, effects, insert, EQ and dynamics graphs, output selection, aux, pan, main and submix selections
 - * Mixer also includes track name and color, grouping, record, mute and solo selection and gain fader with meters
- General audio improvements
- * New audio processing engine includes support for 192 KHz 24bit audio
 - * Support for pitch correction when performing speed changes on all platforms
 - * Support for pitch correction during FFW and FRW playback on the Edit page timeline

Edit :

Key new features

- * Support for track colors on the timeline
- * Support for dragging just video or audio from the source viewer
- * Support for a toggle to switch between single viewer and dual viewer mode
- * Support of OFX plugins as filters in Timeline
- * Ability to drag and drop a transition from one clip to another
- * Redesigned Effects Library for easier navigation and search
- * Support for improved "Play Around" functionality with contextual behavior depending on selection
- * Support for Blur Dissolve transition
- * Support for audio waveforms on Multicam Clips, Compound Clips and Timeline Clips
- * Support for alpha rendering from source when using Fusion Connect

Clip adjustment improvements :

- * Ability to "Remove Attributes" from one or multiple clips
- * New menu option to freeze frame the current frame under the playhead
- * Ability to select all keyframes in Keyframe and Curve editor using Ctrl/Command+A
- * Ability to linearize/smoothen curves for multiple selected keyframes in the Keyframe and Curve editor

Clip trim improvements :

- * Ability to Alt/Option+Shift drag to resize a clip's In or Out point over an adjacent clip to automatically create a transition
- * Ability to Alt/Option+Shift drag a clip from the Media Pool to overlap a clip in the timeline to add a transition
- * Support for two new trim commands in the Trim menu
- * Slip Playhead to In
- * Slip Playhead to Out
- * Support for slip functionality when performing an Extend Edit
- * Ability to duplicate and superimpose dragging selected clips from a track while holding down Alt/Option + Shift
- * Support for snapping when dragging and placing text elements in a Title in the Timeline viewer
- * Support for improved snapping when performing ripple edits
- * Ability to perform playback using JKL in Dynamic Trim Mode when no clip or edit point is selected

Conform improvements :

- * Support for user selectable conform criteria when performing "Reconform from Bins"
- * Ability to "Reconform from Media Storage folders" for a Timeline
- * Support for missing on disk indicators and missing in Media Pool indicators in the Timeline
- * Support for importing 3D Warp Pitch and Yaw parameters in AAF from Avid Media Composer
- * Support for the following Index filtering options
- * Show Clip Color

- * Show Clips with Composite Effects
- * Show Clips with Transform Effects
- * Show Clips with Filters
- * Show Clips with Speed Effects
- * Show Fusion Connect Clips
- * Show Compound Clips and Nested Timelines
- * Show Clip conflicts
- * Show Flags of a particular color
- * Show Markers of a particular color
- * Show Stills and Freeze Frames
- * Ability to see conflicts in the Index Match column
- * New Position Lock on toolbar to lock ripple on tracks and timelines for Online Editing
- * Project setting to enable/disable automatically Conform when adding clips to Media Pool
- * Ability to set default number tracks and types in Project Settings > Editing > New Timeline Settings

Marker improvements :

- * Ability to display Marker names and notes as viewer overlays
- * Ability to list clip markers in Media Pool list view
- * Ability to convert an In and Out point selection into a duration marker
- * Ability to navigate between markers from the option menu in the viewers
- * Ability to search and filter in the Index using Marker Name and Marker Notes fields
- * Ability to multi select timeline markers using a marquee

Media Pool improvements :

- * Support multiple Media Pool windows either as a 2-up/4-up docked view or as new pop-up windows
- * Ability to hover over Media Pool thumbnails to mark in and out
- * Ability to "Rediscover Optimized Media" in the Media Pool
- * Ability to "Unlink Selected Clips" in the Media Pool
- * Support for missing on disk indicators in the Media Pool for both the thumbnail and list view
- * Support for Smart Bin and Smart Filtering based on Display Name
- * Ability to Create Bin With Selected Clips
- * Ability to create Smart Bin filters using Marker Name and Marker Notes
- * Ability to search in the Media Pool using Marker Name and Marker Notes fields
- * Ability to perform comma separated text matches in Media Pool search, Smart Bins and Smart Filters
- * Ability to add/remove items from current selection with keyboard modifiers (Ctrl/Command, Shift and Alt/Option)
- * Ability to Alt/Option drag clips in the Media Pool to duplicate them and put them in another bin

General improvements :

- * Previous/Next clip now ignores selection when the selected clip is not visible
 - * Support for a "Playback post-roll" option in the Timeline menu
 - * Ability to drag video only or audio only from the timeline to the Media Pool
 - * Support for retaining playhead position and in and out positions when swapping timelines
 - * Ability to drag a OpenFX/ResolveFX filter onto one or multiple selected clips
 - * Support for selecting resize algorithm per clip in the Inspector
 - * Support for a progress bar when applying Lens Correction
 - * Support for 100% levels in EBU Color Bar generator
 - * Ability to search "All Fields" when applying a search filter in the Index
 - * Support for toggling "Show Reference Wipe" is now available on the Edit page
 - * Ability to Alt/Option click only the audio or video to override a linked clip selection
- Color

ResolveFX improvements :

- * ResolveFX plugins are now sorted into logical groups of effects
- * Support for starred favorites for OpenFX is not available on the Color page
- * Ability to paste tracking data between the FX tracker and the Power Window tracker
- * Improved ResolveFX Lens Flare
- * Support for Gamut Mapping from Timeline to Output Color Space in Resolve Color Management
- * Support for Gamut Mapping in the ResolveFX Color Space Transform plugin

New ResolveFX Plugins :

- * ResolveFX Face Refinement - DaVinci Resolve Studio only
- * ResolveFX Warper - DaVinci Resolve Studio only
- * ResolveFX Match Move - DaVinci Resolve Studio only
- * ResolveFX Color Stabilizer - DaVinci Resolve Studio only
- * ResolveFX Timelapse Deflicker - DaVinci Resolve Studio only
- * ResolveFX Contrast Pop - DaVinci Resolve Studio only
- * ResolveFX Color Compressor
- * ResolveFX Abstraction
- * ResolveFX Watercolor
- * ResolveFX Lens Distortion
- * ResolveFX Gamut Mapping
- * ResolveFX Dead Pixel Fixer
- * ResolveFX Alpha Matte Shrink and Grow
- * ResolveFX Color Palette
- * ResolveFX Dehaze
- * ResolveFX Sharpen
- * ResolveFX Sharpen Edges
- * ResolveFX Soft Sharpen Skin
- * ResolveFX Camera Shake
- * ResolveFX Deband
- * ResolveFX Grid

General improvements :

- * Support for a new advanced Stabilizer in the Tracker palette
- * Ability to add and control favorite ResolveFX and OpenFX plugins under Modes from the DaVinci Resolve Advanced Panel *
- * Support for improved jog and shuttle control on DaVinci Resolve Advanced Panel
- * Ability to toggle LightBox SDI output from the DaVinci Resolve Advanced Panel using Shift Down + CONFORM
- * Ability to toggle full screen LightBox from the DaVinci Resolve Advanced Panel using Shift Up + CONFORM
- * Ability to press and hold Reset on the DaVinci Resolve Micro and Mini panels to reset the node graph
- * Ability to press and hold Previous/Next Frame on the DaVinci Resolve Micro and Mini panels to jump to the beginning/end of the clip
- * Ability to press play/reverse repeatedly on the DaVinci Resolve Micro and Mini panels to increase playback speed
- * Ability to set the LCD brightness of the DaVinci Resolve Mini panel using LCD brightness in Control Panel settings
- * Ability to set the key backlighting of the DaVinci Resolve Micro and Mini panels in Control Panel settings
- * Ability to remember Bars vs. Wheels when switching to Primary from a Control Panel
- * Improved various knob and parameter sensitivities on the DaVinci Resolve Micro and Mini panels
- * Support for the Common LUT Format (CLF) with examples - DaVinci Resolve Studio only
- * Support for scopes as an overlay on the Cinema viewer
- * Support for new commands and shortcuts to move selected keyframes
- * Selection of multiple keyframes no longer needs a modifier key
- * Support for track color on Color page timeline
- * Support for plugin name on FX nodes
- * Support for full height OpenFX inspector in full screen mode
- * Ability to set default number of neighboring clips for Split Screen in Project Settings > Color
- * Support for Clip Color indicators in the Color page Timeline
- * Support for adding any Media Pool clip as a matte to the current clip on the Color page
- * Improved support for ACES v1.0.3
- * Support for ACEScc, ACEScct and ACEScg color spaces in Resolve Color Management
- * Support for ACEScc, ACEScct and ACEScg color spaces in the ResolveFX Color Space Transform plugin
- * Support for ACEScc, ACEScct and ACEScg IDTs and ODTs when using ACES
- * Support for clip output render caching from pre and post group node graph
- * Support for showing picker RGB values in 8 bit or 10 bit available in the View menu
- * Ability to toggle the viewer overlay mode on/off using Shift + '
- * Support for Ctrl/Command and Ctrl/Command+Shift for half and quarter increments in Printer Lights Hotkeys

Media :

- * Support for user selectable checksum methods in Clone Tool option menu
- * Ability to unmount drives from Media Storage on Mac and Windows
- * Ability to set custom whole number frame rates from 1 to 120 fps in Clip Attributes
- * Support for option to import ARRIRAW clips at the Open Gate resolution in Project Settings > CameraRAW > ARRI
- * Support for automatically cropping ARRI Quicktime clips to show only the active area of the sensor
- * Support for latest EasyDCP library
- * Support for decoding Nikon RAW files
- * Support for MultiPart OpenEXR
- * Support for Constant and Variable bitrate in Quicktime ProRes and DNxHR codecs
- * Support for H.264 multi-pass encoding on Mac
- * Support for decoding H.264 Intra 422 10bit - DaVinci Resolve Studio only
- * Support for encoding to the MP4 format
- * Support for decoding High 10 Profile H.264 files on DaVinci Resolve Studio
- * Support for encoding VP9 profiles with higher bit-depth
- * Support for Network Optimization option on Quicktime renders
- * Support for 10b and 12b encoding options for DNxHR HQX and DNxHR 444

General :

- * Support for an improved Project Manager with an integrated Database manager
- * Ability to copy and paste one or multiple projects between databases
- * Ability to sort list of databases in Database manager
- * Support for a new Bicubic resizing filter option
- * User settings such as layout preferences are now saved locally on the machine
- * Ability to drag a bin into another bin in the Media Pool right hand side view
- * Support for a smaller page switcher on smaller screens
- * Ability to type in Project Manager and browse dialogs to automatically navigate to and highlight matches
- * Support for searching for shortcuts by command name or shortcut in Project Settings > Keyboard Mapping
- * Support for displaying conflicts when assigning shortcuts in Project Settings > Keyboard Mapping
- * Tags now support non-text parameters such as Timecode, Dates, Numbers and Resolutions
- * Support for undo/redo history available in the Edit menu
- * Support for an option to stop playback when frames are dropped on the SDI output
- * Support for remembering the last open page across multiple sessions

Pre-installation Notes =

- * CUDA is only supported on NVIDIA GPUs with compute capability 3.0 or higher (Kepler architecture or newer)
- * Automation of clip audio effects is no longer supported
- * Audio clip mixer is no longer supported
- * Support for AU plugins is not currently available

- * Support for audio playback and render of nested compound clips and timelines is not currently available
- * Support for output audio channel assignment is not currently available
- * Support for DaVinci ACES has been removed
- * Support for older versions of ACES has been removed
- * Support for render cache is not currently available in Collaboration
- * Support for the Login page and Resolve users has been deprecated
- * Dual machine servers are no longer supported on Linux

Minimum system requirements for Mac

- * Mac OS X 10.11.6 El Capitan
- * 16 GB of system memory is recommended and 8 GB is the minimum supported
- * Blackmagic Design Desktop Video version 10.4.1 or later
- * CUDA Driver version 7.5.25
- * NVIDIA Driver version – As required by your GPU
- * RED Rocket-X Driver 2.1.34.0 and Firmware 1.4.22.18 or later
- * RED Rocket Driver 2.1.23.0 and Firmware 1.1.18.0 or later

Minimum system requirements for Windows

- * Windows 8.1 Pro 64 bit
- * 16 GB of system memory is recommended and 8 GB is the minimum supported
- * Blackmagic Design Desktop Video version 10.4.1 or later
- * NVIDIA/AMD/Intel GPU Driver version – As required by your GPU
- * RED Rocket-X Driver 2.1.34.0 and Firmware 1.4.22.18 or later
- * RED Rocket Driver 2.1.23.0 and Firmware 1.1.18.0 or later

Minimum system requirements for Linux

- * CentOS 6.4
- * 32 GB of system memory is recommended and 16 GB is the minimum supported
- * Blackmagic Design Desktop Video version 10.4.1 or later
- * NVIDIA/AMD Driver version – As required by your GPU
- * RED Rocket-X Driver 2.1.34.0 and Firmware 1.4.22.18 or later
- * RED Rocket Driver 2.1.23.0 and Firmware 1.1.18.0 or later

Upgrading your PostgreSQL database server on Mac :

Until DaVinci Resolve 12.5.2, the Mac installer used to ship with PostgreSQL version 8.4.2. Starting from macOS Sierra 10.12, PostgreSQL version 8.4 is no longer supported. If you intend to upgrade to the latest OS, you will need to upgrade your PostgreSQL database server to version 9.5.4 prior to upgrading macOS. Once your PostgreSQL installation has been upgraded and your data has been ported, you can then proceed with your macOS upgrade.

We have provided apps to simplify upgrading your PostgreSQL version on your Mac. The apps along with instructions can be found in the:

/Library/Application Support/Blackmagic Design/DaVinci Resolve/Upgrade PostgreSQL folder. Starting from DaVinci Resolve 12.5.3, new installations will include PostgreSQL version 9.5.4.