

# Nuendo 8

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## Version History Known Issues & Solutions

December 2018

Steinberg Media Technologies GmbH



## Nuendo 8.3.15

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### December 2018

This version contains the following improvements and issue resolutions.

### Issues resolved

ID #	Area	Issue
CAN-19769	Automation	Disabling Preview after toggling Object/Bed mode in the VST MultiPanner no longer freezes the application.
CAN-19700	Immersive Sound	The update frequency for sending Dolby Atmos RMU metadata has been increased.
CAN-19706	Immersive Sound	Dolby Atmos Object Automation is now chased correctly.
CAN-19821	Stability	Dragging audio files from Sample Editor into the Project window no longer renders the application unreliable.
CAN-19274	Stability	Browsing sounds in the MediaBay no longer renders the application unreliable nor creates noises.

## Nuendo 8.3.10

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### November 2018

This version contains the following improvements and issue resolutions.

### Issues resolved

ID #	Area	Issue
CAN-19119	Ambisonics	The VST-AmbiDecoder binaural stereo image is no longer shifted to the right.
CAN-19118	Ambisonics	Using Ambisonics Master busses no longer renders the application unreliable.
CAN-19112	Ambisonics	GoPro VR Player Remote now supports video file paths on a remote computer.
CAN-18972	Ambisonics	The VST MultiPanner in Ambisonics mode now works as expected with head tracking from the Mixconsole Panner.
CAN-18967	Ambisonics	The VST-AmbiDecoder settings are now remembered in the Control Room.
CAN-18739	Ambisonics	Using Frequency plug-in in Ambisonics or 22.2 channels no longer renders the application unreliable.
CAN-18086	Ambisonics	Changing HRTF standard in the VST-AmbiDecoder no longer renders the application unreliable.
CAN-19296	Ambisonics	Creating an Ambisonics bus now always sets the correct panning setting.
CAN-19150	Audio	Audio statistics RMS analysis now shows the same results as in WaveLab.
CAN-19140	Audio	The Spectrum Analyzer now delivers correct results.
CAN-18992	Audio	Spectrum Analyzer no longer renders the application unreliable.
CAN-18829	Automation	Trim Automation write mode now works as expected.

ID #	Area	Issue
CAN-16988	Automation	The performance in projects containing many automation tracks has been improved.
CAN-19278	Automation	Sounds now play back trimmed results correctly when writing Trim automation in Musical Mode.
CAN-18782	Channel Strip	Loading Channel Strip presets now works as expected.
CAN-19191	Chord Pads	The Chord Pad preset navigation has been corrected.
CAN-18580	Control Room	Toggling between Control Room Monitors no longer causes audio interruptions during playback.
CAN-18235	Control Room	Toggling the reference level between on and off with a key command no longer sets a new reference level.
CAN-7517	Direct Offline Processing	The DOP window status now shows correctly after toggling between projects.
CAN-17050	Direct Offline Processing	DOP Audition now works correctly after toggling between projects.
CAN-18793	Export Audio Mixdown	Exporting an audio mixdown without assigning an output to a bus no longer renders the application unreliable.
CAN-18775	Export Audio Mixdown	Closing, saving or performing an Audio Mixdown no longer renders the application unreliable.
CAN-18897	Export Audio Mixdown	Windows Media Audio file format can now be exported correctly.
CAN-17824	Loudness Track	Quick Analysis in the Loudness Track now works correctly in 64-bit float processing precision mode.
CAN-19190	MediaBay	The HALion 6 export browser default location is no longer broken when a folder doesn't exist anymore.
CAN-19188	MediaBay	The MediaBay default musical categories and styles are now sorted correctly.
CAN-18879	MediaBay	Opening and closing the MediaBay window no longer renders the application unreliable.
CAN-18789	MediaBay	Auditioning sounds in MediaBay no longer renders the application unreliable.
CAN-18749	MediaBay	Align Beats to Project now works as expected.

ID #	Area	Issue
CAN-17523	MediaBay	The stability for MediaBay Volume Databases in local area networks has been improved.
CAN-19418	MediaBay	The MediaBay no longer scans nor displays non-existing folders.
CAN-19260	Plug-Ins	Plug-ins residing in folders containing ".vst3" in their name are now always recognized.
CAN-17154	User Interface	The user interface responsiveness in projects with a large amount of edits has been improved.
CAN-12917	Remotes	Cubase iC Pro no longer renders application unreliable.
CAN-17742	Sample Editor	The Paste function in the Sample Editor now overwrites a selection properly.
CAN-18850	Sampler Track	Using MIDI Parts in 64-bit float processing precision mode no longer renders the application unreliable.
CAN-18787	Stability	Recording in 64-bit resolution no longer renders the application unreliable.

## Nuendo 8.3.0

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### October 2018

This version contains the following improvements and issue resolutions.

### Improvements

#### Virtual Reality

Nuendo 8.3 introduces new built-in tools for the audio authoring of 360° videos.

The VST MultiPanner includes a new mode that supports Ambisonics channels.

The Control Room offers an integrated plug-in (AmbiDecoder) to decode the Ambisonics mix, either to a binaural signal (headphones) or to an immersive speaker setup.

#### High precision recording and export

Nuendo 8.3 can now export audio files with a 64-bit float and 32-bit integer bit depth.

It is now possible to record audio files with a 32-bit integer bit depth.

#### MediaBay

There is a new key command to shuffle results in MediaBay.

#### Video Decoder for Avid DNxHD

The new version 2.1.0.5 of the Video Decoder for Avid DNxHD is required to import and playback Avid DNxHD videos in Nuendo 8.3.0. The download is available for registered users at [www.steinberg.net/mysteinberg](http://www.steinberg.net/mysteinberg).

## Issues resolved

ID #	Area	Issue
CAN-14917	Automation	Pan automation now works as expected in Virgin Territory.
CAN-16792	Automation	VCA slave channels no longer compensate automation outside of the desired range.
CAN-17500	Automation	Automation now outputs sound correctly while adjusting Trim level.
CAN-13671	Direct Offline Processing	The DOP process list is now restored correctly when importing a Track Archive.
CAN-13670	Direct Offline Processing	Processes referring to unavailable plug-ins are no longer recalculated accidentally.
CAN-16938	Direct Offline Processing	Edit files are no longer missing when exporting a Track Archive where Izotope RX Connect has been used.
CAN-16532	Direct Offline Processing	Using Pitch Shift as a DOP no longer corrupts the project file.
CAN-16929	Export Audio Mixdown	The Cycle Markers list in Export Audio Mixdown window is no longer looks greyed out.
CAN-17149	Export Audio Mixdown	Exporting an audio mixdown with "L/R channels only" activated no longer renders the application unreliable.
CAN-15632	MediaBay	It is now possible to add any hard disk as a Favorite.
CAN-15852	MediaBay	The MediaBay window can now be recalled with Workspaces.
CAN-17118	MediaBay	The MediaBay now displays BWF metadata correctly.
CAN-15428	Metronome	Time linear count-in now works correctly in Cycle mode.
CAN-15001	Metronome	Store Pattern in Click Pattern Editor now works correctly.
CAN-15561	MIDI	Drum maps are no longer assigned to undesired tracks.
CAN-13027	MIDI	Playing back an independent track loop no longer causes an offset on the cursor position.
CAN-14681	MIDI	MIDI ports lists are now updated as expected after freezing and disabling VST Instruments.

ID #	Area	Issue
CAN-15795	Mixconsole	Custom FX Chain Presets can now be loaded as expected.
CAN-15417	Mixconsole	The GUI responsiveness when operating the Stereo Panner in Mixconsole has been improved.
CAN-17137	Mixconsole	The Mixconsole History is now updated as expected after undoing/redoing certain commands.
CAN-18070	Mixconsole	Fix for certain plug-ins becoming non-functional after toggling Bypass status.
CAN-16641	Reverence	Loading projects containing custom 96kHz impulse response files no longer renders the application unreliable.
CAN-15958	Scores	Rests in polyphonic voices are now scaled correctly.
CAN-16742	Stability	Copying and pasting audio events and markers at the same time no longer renders the application unreliable.
CAN-15812	Stability	Connecting Ableton Live 10 via ReWire no longer renders the application unreliable.
CAN-16090	Stability	Resizing user interface elements no longer renders the application unreliable.
CAN-16122	Stability	Importing Track Archives with referenced video files no longer renders the application unreliable.
CAN-16786	Stability	Toggling between projects containing video no longer renders the application unreliable.
CAN-15052	Stability	Toggling between Nuendo and other applications no longer renders the application unresponsive.
CAN-16082	System	A privacy warning on macOS 10.14 no longer appears when connecting Propellerheads via ReWire.
CAN-15548	User Interface	Project settings are now applied correctly after changing multiple parameters at once.
CAN-16541	User Interface	The Control Room Overview now works as expected.
CAN-15063	User Interface	Text entries in the Nuendo ADR settings window are now better readable.
CAN-15906	User Interface	Hardware Rack in MixConsole now works correctly with Steinberg MR series.



ID #	Area	Issue
CAN-14837	Video	Video Thumbnails now work reliably in projects with multiple videos.
CAN-15708	Video	Length of extracted audio is now always accurate.
CAN-15457	Video	Video aspect ratio is now shown correctly.



## Nuendo 8.2.10

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### June 2018

This version contains the following improvements and issue resolutions.

### Issues resolved

ID #	Area	Issue
CAN-14778	Avid Consoles	Surround channel meters now work as expected on Avid System 5 and S6 consoles.
CAN-7504	Avid Consoles	Avid Consoles now support all 16 insert-slots.
CAN-15255	Direct Offline Processing	Clicking the Direct Offline Processing toolbar button several times no longer renders the application unreliable.
CAN-15026	Media	Warning message no longer appears when dragging clips into the Pool's trash can.
CAN-15475	Media	A dialog box now asks if recorded audio should be deleted when quitting an unsaved project.
CAN-15592	Media	Importing a FLAC audio file no longer renders the application unreliable.
CAN-15612	Media	Files no longer appear to be missing when loading projects created with Nuendo 8.1.
CAN-15269	Metronome	Metronome factory sounds are now installed correctly (macOS X only).
CAN-15306	Presets	Factory FX Chain Presets are now available.
CAN-15268	VST Instruments	The FLUX wavetable synthesizer library for HALion Sonic SE 3 now works as expected.

## Nuendo 8.2.0

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### May 2018

This version contains the following improvements and issue resolutions.

### Improvements

#### Ambisonics

Nuendo 8.2 introduces a new Ambisonics bus system.

#### Audio engine

The audio engine now offers 64-bit floating-point processing precision, also known as double precision.

#### Automation

New automation Bezier curves have been implemented.

The new Bezier curves are supported by VCA faders and Trim Automation.

It is now possible to raise or lower line segments between two points without having to select Automation Events first.

The whole array of Automation Scaling Tools is now also available when working with the Range Tool, without having to create automation points first.

#### Effects

The Tube Compressor, the Vintage Compressor and Magneto have received a redesigned UI as well as new features.

The Compressor effect has also small enhancements.

#### Inserts

The number of insert slots available per track has been increased to 16.

It is now possible to set the amount of pre-fader and post-fader insert slots dynamically.

#### Instruments

Flux, a new synthesizer based on wavetable synthesis, has been added to HALion Sonic SE 3.

### **MIDI editors**

A new “adaptive” Grid mode has been introduced to the MIDI editors that is dependent to the horizontal zoom level.

### **Metronome**

The Metronome in Nuendo 8.2 has been improved and now includes Click Patterns and many different Click Sounds.

### **Plug-ins**

It is now possible to load more plug-ins on Windows systems.

Most of the included Nuendo plug-ins and the Channel Strip effects support 64-bit processing and will run with 64-bit processing precision automatically.

### **Presets**

130 new FX Chain production presets have been added and are categorized in instrument groups.

75 new dedicated Mastering Track presets have been added.

### **Project window**

A new “Adaptive” Grid mode has been introduced to the Project window that is dependent to the horizontal zoom level.

The Project Cursor Position can now be set with the mouse from anywhere within the Project window.

### **Right Zone**

The Control Room, Master Meter, and Loudness Meter are now available as tabs in the Right Zone of the Project window.

The Media tab now also includes a file browser, a favorites section and a file previewer.

It is now possible to drag and drop instrument tiles from the Right Zone into the Project window to create new instrument tracks.

### **Sampler Track**

It's now possible to drag and drop a MIDI part from an instrument or a MIDI Track directly into Sampler Control Tab to create a new Sampler Track.

Now it is also possible to drag and drop an audio event directly to the Sampler Track in the Project window.

The Sampler Control now also has an A/B switch.

### **Miscellaneous**

The Device menu has been renamed to Studio and its content has been meaningfully restructured and renamed.

There is a new preference to define the number of ticks MIDI notes will be played before the start of the MIDI event.

The “Time Display” window has a new Show Beat Count Only option and two new entries to increase or decrease the display size, and now it is possible to adjust its window transparency.

The display of Bypass status and Active or Inactive states for inserts is now more consistent.

The Color Schemes and Custom Colors sections in the Preferences menu have been meaningfully reworked.

## Issues resolved

ID #	Area	Issue
CAN-12981	Chord Track	Key commands now work as expected.
CAN-13529	Compatibility	BWF audio files are now recognized as WAV files.
CAN-13229	Direct Offline Processing	DOP parameters are now always applied properly.
CAN-13659	Direct Offline Processing	The Volume parameter of the Pitch Shift process can now be modified after turning Time Correction on again.
CAN-14402	Direct Offline Processing	It is now possible to modify existing processes after loading an older project.
CAN-14498	Direct Offline Processing	Applying Clips in Pool window no longer renders the application unreliable.
CAN-14131	Direct Offline Processing	The Bypass state is now properly restored after adding another process.
CAN-14331	Direct Offline Processing	The Bypass state can now be applied correctly to clips in NPL libraries.
CAN-14602	Direct Offline Processing	“Make All Permanent” can now be applied with a key command on Clips in Pool window.
CAN-8734	Direct Offline Processing	Waveform Preview for certain processes now shows only the selected portion of a clip and not the entire clip.
CAN-13328	Editing	Events with over +24 dB of volume are no longer reset to 0 dB when reloading the project.
CAN-13949	Editing	Folder Track Part editing now works as expected when Snap to Zero Crossing is enabled.
CAN-12566	Editing	Timestretch Tool now works accurately on split clips.
CAN-12464	Export Audio Mixdown	Exported files are now inserted at the correct position when using “Create New Project”.
CAN-11951	MediaBay	Setting “matches” “is empty” in the logical filters no longer renders the application unreliable.
CAN-14605	MediaBay	Logical Filter “is empty” now works as expected.

ID #	Area	Issue
CAN-14027	Mixconsole	Pre Filter Slopes default preset on the Channel Strip is now applied correctly to all types of channel.
CAN-13330	Mixconsole	Channel Strip can now be with Generic Remote operated as expected.
CAN-14353	MP3	ID3 Tag Genres are now sorted alphabetically.
CAN-11574	Performance	The GUI responsiveness has been improved.
CAN-13226	Score Editor	Score Editor font is now sorted alphabetically.
CAN-12384	Score Editor	Score printing: Margin settings are now available on Mac.
CAN-14350	Stability	Intel Libraries 2018.2 are now supported.
CAN-13819	Stability	Importing video files from MediaBay no longer renders the application unreliable.
CAN-13489	Stability	It is now possible to reload projects of a very big size.
CAN-13275	Stability	Density MIDI plug-in no longer renders the application unreliable.
CAN-14354	Stability	Prepare Archive with video files no longer renders the application unreliable.
CAN-14670	Stability	Export Selected Events no longer renders the application unreliable.
CAN-13635	Tracklist	Re-enabling a track now restores MIDI sends correctly.
CAN-13925	Tracklist	“Enable Record on Selected Tracks” now works as expected when changing Track Visibility configuration.
CAN-14274	User Interface	VST Expression Map configuration has been corrected.
CAN-13492	VariAudio	VarioAudio processing accuracy has been improved.
CAN-11394	Video	Video playback now runs smoothly in Cycle mode.
CAN-12453	Video	Video aspect ratio corrected for non-square pixel formats.

## Nuendo 8.1.10

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### March 2018

This version contains the following improvements and issue resolutions.

#### Issues resolved

ID #	Area	Issue
CAN-12289	Direct Offline Processing	Projects can now be saved after importing tracks and using offline processes.
CAN-12424	Direct Offline Processing	Deleting edit files no longer results in empty events after processes were made permanent.
CAN-11991	Direct Offline Processing	Using Pitch Shift no longer displays an incorrect waveform.
CAN-13083	Direct Offline Processing	Editing offline processes of a duplicated event no longer renders the application unreliable.
CAN-7158	Direct Offline Processing	Selected events imported per drag and drop are now detected as selected by the DOP window.
CAN-12827	Direct Offline Processing	Audio waveforms are now updated correctly when cutting and pasting ranges in the Sample Editor.
CAN-12192	Direct Offline Processing	Using the Listen key for Pitch Shift now works as expected.
CAN-12193	Direct Offline Processing	Using the screen keyboard for Pitch Shift now works as expected.
CAN-13176	Direct Offline Processing	Using DOP on duplicated events no longer renders the application unreliable.
CAN-12910	Direct Offline Processing	Edit files are no longer shown as missing when importing tracks from another project.
CAN-11772	Direct Offline Processing	Applying an offline process on a range selection in the Sample Editor now displays a message asking if a new version needs to be created.



ID #	Area	Issue
CAN-11634	Direct Offline Processing	Using the Standard-Solo algorithm for Pitch Shift no longer renders the application unreliable.
CAN-10798	Direct Offline Processing	A new warning message appears when applying an offline process to material containing VariAudio data.
CAN-11726	Direct Offline Processing	Reordering processes while scrolling the History window now works as expected.
CAN-11641	Direct Offline Processing	Applying DOP plug-ins via key command now works on shared events.
CAN-12411	Direct Offline Processing	Edit file naming is now independent from the language setting.
CAN-13468	Direct Offline Processing	Using Audition on plug-ins no longer renders the application unreliable.
CAN-13668	Direct Offline Processing	Using Audition no longer forces recalculation of processes.
CAN-9713	Direct Offline Processing	Applying an offline process with the User Definable button on Nuage no longer renders the application unreliable.
CAN-12382	Detect Silence	Process All Selected Events is now also available for multiple selected events.
CAN-11769	Events Export	Export Selected Events now creates correct file names.
CAN-12895	MediaBay	Changing attributes in the logical filter no longer renders the application unreliable.
CAN-13055	MediaBay	Searching patches now works as expected.
CAN-9908	MediaBay	Key Command Deep Results now works as expected.
CAN-13156	MediaBay	Selecting Poly WAV files no longer renders the application unreliable.
CAN-13070	MixConsole	Numeric values can now be applied to multiple channels using Alt+Shift.
CAN-13225	MixConsole	Send automation data is now always included in Export Audio Mixdown.
CAN-9590	MixConsole History	Undoing fader position in the MixConsole no longer pauses playback.

ID #	Area	Issue
CAN-12626	User Interface	The performance of the user interface has been improved.
CAN-11698	Plug-ins	The low-cut filter of a pre-section no longer creates audio glitches.
CAN-11622	Plug-ins	Automation of Bass Manager parameters now work as expected.
CAN-11483	Plug-ins	The Reset button of Studio EQ now works as expected.
CAN-13207	Plug-ins	The Channel EQ low-pass filter no longer causes distortion.
CAN-11116	Plug-ins	The compressor now works correctly when not in Live mode.
CAN-13071	Project Window	Opening In-Line Editor while Divide Track List is active no longer renders the application unreliable.
CAN-13169	Project Window	Changing the focus zone no longer modifies track selections.
CAN-13025	Stability	Canceling loading a large project no longer renders the application unreliabe.
CAN-11352	Track Import	Crossfades are now imported correctly when importing tracks from a project.
CAN-12754	Video	Audio extraction no longer fails for certain video files (AAC 0 channels).
CAN-11601	Video	Audio extraction no longer reorders the sound for certain video files.
CAN-12431	Video	Entering ADR mode using DeckLink output no longer renders the application unreliable.
CAN-12429	Video	ADR timecode display now works as expected.
CAN-12311	Video	Video window now displays the correct frame after changing the position of video events.
CAN-11281	Video	Video playback now runs fluently in Cycle mode.
CAN-9479	Video	Video output via Blackmagic in Full HD now works as expected.
CAN-9385	Video	Prepare Archive with external video files in pool no longer renders the application unreliable.

## Nuendo 8.1.0

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### October 2017

This version contains the following improvements and issue resolutions.

## Improvements

### Automatic Audio Alignment

Nuendo 8.1 introduces the new Audio Alignment feature to transfer the timing of a reference audio event to another audio event or multiple events with a single mouse-click.

### Direct Offline Processing

A Favorites section has been added to store most used effects, with predefined parameter settings, either as single processes or as a bank of processes.

It is now possible to import track presets and FX chain presets from the MixConsole into the DOP window.

It is now possible to add a tail to the end of selected clips.

Auto Apply can now be turned off before changing parameters on an already loaded process or plug-in.

### Immersive Sound

The RMU Connector for Dolby Atmos is now included in Nuendo 8.1.

Channel-based surround formats 7.1.4 and 5.1.4 were added for Auro-3D mixing based on MPEG standards.

### Video

It is now possible to extract/import audio encoded in AAC format from video files on all Windows platforms.

### Yamaha Nuage support

Improved remote control parameter mapping for the Randomizer plug-in.

Improved plug-in parameter layout.

## Issues resolved

ID #	Area	Issue
CAN-10354	AAF	AAF from Avid Media Composer with mixed frame rates no longer causes incorrect clip offsets.
CAN-7879	Automation	Read mode is now switched on automatically when editing instrument automation parameters.
CAN-8820	Chord track	Chord track no longer changes chords unintentionally.
CAN-6024	Chord track	Root Key in the Info Line is now updated immediately, when an enharmonic shift of the chord is made.
CAN-9951	Compatibility	Nuendo no longer freezes when not in focus and Sony Neighbourhood for PlayStation 4 is installed.
CAN-10117	Direct Offline Processing	Removing a process from the list of processes now works as expected.
CAN-9645	Direct Offline Processing	Plug-ins are no longer auto-applied when Auto Apply is off but DOP window is closed.
CAN-9597	Direct Offline Processing	Plug-in parameters are now applied with correct values if Auto Apply is off.
CAN-6626	Direct Offline Processing	Audition in DOP window now works correctly after using audition in other editors.
CAN-9326	Direct Offline Processing	Drag and drop and copy and paste of events between projects now also copies the process history correctly.
CAN-7973	Direct Offline Processing	Removing offline processes after porting a project from another computer will no longer make the event disappear.
CAN-6266	Direct Offline Processing	Offline processes remain intact after the Prepare Archive function is used.
CAN-4157	Direct Offline Processing	Nuendo no longer mixes up edit files with the same name when merging projects.
CAN-27	Direct Offline Processing	Resolve Missing Files dialogue is now prompted correctly when importing Audio tracks from other projects.
CAN-8173	Direct Offline Processing	The Audition button in Direct Offline Processing now works reliably with multiple selected events.

ID #	Area	Issue
CAN-9312	Direct Offline Processing	Nuendo no longer crashes when Direct Offline Processing is used during recording.
CAN-9611	Direct Offline Processing	Using Pitch Shift no longer renders the application unreliable.
CAN-9429	Direct Offline Processing	Reverse, Phase Inverse and Silence processes no longer render the application unreliable.
CAN-5135	Direct Offline Processing	Plug-in UI and processes are no longer missing when the DOP window is opened as part of a workspace.
CAN-9906	Direct Offline Processing	Bypassing Pitch Shift processes now works as expected.
CAN-9712	Direct Offline Processing	Envelope mode of Pitch Shift process now works as expected.
CAN-2629	Direct Offline Processing	Audio events no longer display the file name in brackets.
CAN-9300	Direct Offline Processing	Improved operation for using Direct Offline Processing with range selections in the Sample Editor.
CAN-11246	Direct Offline Processing	Pitch Shift applied as Direct Offline Process now always apply the correct algorithm.
CAN-11530	Direct Offline Processing	Unavailable plug-ins are no longer discarded from the process list.
CAN-5319	Direct Offline Processing	Audition can now be used even if no process has been applied.
CAN-11448	Direct Offline Processing	Audition Loop status is now restored correctly after closing and opening the DOP window.
CAN-11358	Direct Offline Processing	Multiselection in the process list remains intact after closing and opening the left zone of the DOP window.
CAN-11324	Direct Offline Processing	DOP window's size is now restored correctly after a large plug-in GUI was used.
CAN-11253	Direct Offline Processing	Triggering a process by key command while no project is loaded no longer renders the application unreliable.
CAN-4818	Drum Editor	Imported Drum Maps are no longer loaded twice.

ID #	Area	Issue
CAN-4817	Drum Editor	Drum Map created by VST instrument are now remembered correctly in the saved project.
CAN-8510	Editing	Project Logical Editor's Length command now works as expected for timecode-domain values.
CAN-5777	Editing	Setting locators with modifier key now works if cursor position was given by a marker.
CAN-5960	Export Audio Mixdown	Export Audio Mixdown now remembers recent file path.
CAN-7791	Immersive Sound	VST Multipanner's panning parameters can now be linked properly.
CAN-4293	Immersive Sound	Peak meters are now always visible in the channel settings window in 22.2 format.
CAN-11232	Immersive Sound	Mixconvert downmix plug-ins from Nuendo 7 projects are now restored correctly.
CAN-10292	Installer	Nuendo installer on Mac now saves LibraryInfo files in the right location.
CAN- 10126	MediaBay	Editing the metadata of a selected file no longer causes it to disappear from the search result.
CAN-8482	Metronome	Metronome now works reliably in Cycle Record mode.
CAN-9555	MIDI	MIDI Automation now chases values correctly.
CAN-8797	MIDI	MIDI Modifier parameters are now initialized correctly when reactivating an Instrument track.
CAN-7519	MIDI	MIDI CC assignment for note expression stays intact on mod target change in HALion.
CAN-7402	MIDI	Editing MIDI values in the Info Line no longer renders the application unreliable.
CAN-9581	MIDI	MIDI Device Manager now shows text properly.
CAN-9754	MixConsole	Using key commands on VST Instrument channels no longer renders the application unreliable.
CAN-9602	MixConsole	Equalizer filters no longer cause CPU spikes.

ID #	Area	Issue
CAN-8666	MusicXML	MusicXML exported from Nuendo now works as expected when using Japanese text.
CAN-7376	MusicXML	Improved MusicXML compatibility to Dorico.
CAN-9682	Performance	Improved graphical responseiveness when using Apple devices with 10-bit color display.
CAN-8821	Performance	Improved GUI responsiveness when working on projects with Chord track.
CAN-9436	Plug-ins	Prologue, Mystic, Spector GUIs now display the parameter values in the user interface.
CAN-9422	Plug-ins	VST Bass Amp no longer produces mono output signal when stereo effects are used.
CAN-9335	Plug-ins	Reverence impulse response information is now updated correctly when changing presets.
CAN-9011	Plug-ins	Improved stability when using the Frequency plug-in.
CAN-9010	Plug-ins	Improved stability when using Frequency EQ.
CAN-8710	Plug-ins	VST Bass Amp no longer adds a fade when used as an offline process.
CAN-9751	Sampler track	Opening Sampler track in separate window no longer creates multiple windows.
CAN-5717	Sampler track	Sampler track envelope curve now accepts Backspace key for editing.
CAN-4581	Sampler track	Sampler Track Pitch Automation can now be edited as continuous curve.
CAN-8798	Score Editor	Improved stability in Score Editor.
CAN-7607	Score Editor	Score printout is no longer cut off.
CAN-4814	Stability	Open Preset Browser window no longer renders the application unreliable.
CAN-11638	Transport	Cursor position is now restored correctly when reopening a project.
CAN-2278	User interface	Japanese characters are now displayed in the correct size.

ID #	Area	Issue
CAN-5964	User interface	Compatibility for Wacom Cintiq Pen operation has been improved.
CAN-5081	User interface	Responsiveness of operations in the MixConsole has been improved.
CAN-9316	User interface	Bypass/Copy/Clear functions now work as expected in MixConsole's Lower Zone.
CAN-7535	User interface	MixConsole inspector tabs now remember their state.
CAN-8101	User interface	Readability in Chinese localization on Windows has been improved.
CAN-9302	User interface	Cross Hair Cursor Use Dotted Line preference removed to increase GUI responsiveness.
CAN-7644	User interface	Improved GUI responsiveness in Inspector tabs.
CAN-5984	User interface	Time Display options in the lower Transport panel can now be operated correctly.
CAN-11102	VCA	Audio channels with no automation but connected to a VCA are now restored correctly when loading a project.
CAN-10344	Video	Improved stability when using the Media Rack.
CAN-10315	Video	Improved stability when using ProRes video files with unusual picture size.
CAN-10167	Video	Shuttling transport across the end of a video clip and back now updates the screen correctly.
CAN-8931	Video	Widescreen DV and DVCPRO files now play with correct aspect ratio.



## Nuendo 8.0.15

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### July 2017

This version contains the following improvements and issue resolutions.

### Improvements

#### Video

The new video engine now supports the Avid DNxHD codec.

### Issues resolved

ID #	Area	Issue
CAN-9420	Renamer	Using the Rename Events from List feature no longer renders the application unreliable.
CAN-9418	AAF	Error "801200B0" when importing AAF has been fixed.
CAN-9070	Video	It is now possible to import video files with more than one Audio track.
CAN-9133	Others	VST Soundset "FCP_SMT_113_Padshop" is no longer missing after installation.

## Nuendo 8.0.10

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### June 2017

This version contains the following improvements and issue resolutions.

## Improvements

### Consoles support

Direct Offline Processing can now be operated with Avid S5, S6 and Artist consoles.

### Direct Offline Processing

Plug-ins and processes can now be rendered to clips permanently (also per key command).

Audition can now be used when multiple events are selected.

It is now possible to delete multiple processes from the process list at once.

It is now possible to use Izotope RX Connect in Direct Offline Processing.

Activating or deactivating Auto Apply is now possible with key-commands.

A spinning wheel now indicates when an offline process is in progress, also for a multiple clip selection.

An icon has been added to the process list that indicates if a process has been applied to a range selection.

Applied Direct Offline Processes can now be copied to other events.

### Import/Export

Import tracks from other projects now also includes MIDI, Instrument, Marker, Chord and Video tracks.

Sampler tracks can be exported as track archives.

### Video

Import and playback of videos encoded in Apple ProRes is now possible.

50 fps videos are now supported.

## Issues resolved

ID #	Area	Issue
CAN-8208	Connectivity	Steinberg SyncStation now works as expected.
CAN-8888	Direct Offline Processing	Rendering a plug-in on multiple ranges no longer applies wrong parameters.
CAN-8812	Direct Offline Processing	Using Detect Silence no longer alters preference settings.
CAN-8730	Direct Offline Processing	Copy, Cut and Paste are now available in the undo history.
CAN-8620	Direct Offline Processing	Plug-ins now work correctly when used for the first time.
CAN-8587	Direct Offline Processing	Remove DC Offset no longer fails when not used as the first process in processing list.
CAN-8543	Direct Offline Processing	Time Stretch now works as expected.
CAN-8485	Direct Offline Processing	The indicator icon for a DOP applied to a range no longer disappears.
CAN-8458	Direct Offline Processing	The plug-in GUI in the DOP-window no longer flickers after trimming a selected event.
CAN-8457	Direct Offline Processing	Izotope RX Denoiser no longer reprocesses when trimming the selected event.
CAN-8371	Direct Offline Processing	Applying an offline process by key command now works as expected.
CAN-8201	Direct Offline Processing	Audition of GUI-less processes now works as expected.
CAN-8187	Direct Offline Processing	Unselecting a process now clears the plug-in view.
CAN-8115	Direct Offline Processing	Splitting an event selected for DOP no longer renders the application unreliable.

ID #	Area	Issue
CAN-8001	Direct Offline Processing	Recalling a plug-in with a key command when Auto Apply is inactive no longer opens an empty DOP window.
CAN-7666	Direct Offline Processing	Audition can now be started even if the processing of a plug-in is still in progress.
CAN-7163	Direct Offline Processing	Reordering plug-ins in the process list while Audition is running now reprocesses the audio material.
CAN-7138	Direct Offline Processing	DOP now works as expected on events imported through Import Tracks from Project.
CAN-6988	Direct Offline Processing	Applying a plug-in with key commands while Auto Apply is inactive no longer opens a blank plug-in GUI.
CAN-7856	Editing	Using the Time Warp tool no longer renders the application unreliable.
CAN-8406	Immersive Sound	Downmix from Dolby Atmos 9.1 to 7.1 now works as expected.
CAN-8197	Immersive Sound	Dolby Atmos Object Mode is now restored correctly when loading a project.
CAN-8175	Immersive Sound	Meter now works correctly on channels routed to 22.2 channels.
CAN-7922	Immersive Sound	Switching Control Room downmix presets now works as expected.
CAN-7821	Immersive Sound	VST Multipanner now has an output on 22.2 bottom layer speakers.
CAN-7753	Immersive Sound	Downmix coefficients from Dolby Atmos 9.1 to 7.1 have been adjusted for better RMU compatibility.
CAN-7631	Import/Export	Import Audio tracks from Project now copies tracks into the active project folder.
CAN-5928	Import/Export	Importing track archives containing Sampler tracks no longer renders the application unreliable.
CAN-8325	User Interface	Divide Track List now works as expected.
CAN-743	User Interface	Multi-selecting VST Connections by pressing the Shift key now works as expected.

ID #	Area	Issue
CAN-8372	Video	Improved stability of H264 coded videos.
CAN-8322	Video	Nudging Video frame by frame now works as expected.



## Known issues and solutions

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### New Video Engine

Video: Using multiple highly compressed video files — R-11444

Using multiple highly compressed video files (like H264) in one project may lead to an unresponsive state of the application. Please use video codecs with lower compression levels instead.

PAL 16:9 is horizontally stretched out of Blackmagic devices — CAN-8178

Video format 16:9 in PAL is stretched out horizontally on Blackmagic devices. At the moment there is no solution for this issue but it will be fixed in a maintenance update of Nuendo 8.0.x as the new video engine will continue to be developed.

Certain video files may stutter during playback — CAN-8067

Playing back H.264 videos may show stutters sometimes. At the moment there is no solution for this issue but it will be fixed in a maintenance update of Nuendo 8.0.x as the new video engine will continue to be developed.

Certain MPEG-4 files may show a black screen on Windows — CAN-8989

In a few cases the Video window stays black when using an AMD/ATI graphic card. At the moment there is no solution for this issue but it will be fixed in a maintenance update of Nuendo 8.0.x as the new video engine will continue to be developed.

AJA video devices — CAN-9006

AJA video devices don't work with Nuendo 8 yet. Support for AJA video devices will be available within a coming Nuendo 8.0.x maintenance update later this year.

Replace Audio In Video is no longer available — CAN-8997

For the time being we recommend to use a third-party application for replacing audio in a video file. An alternative feature is planned for a later update.

Video file cannot be deleted from pool — CAN-8658

Empty Trash in the audio pool does not delete the video file from the hard disk. Please look for the file location on the hard disk and delete it manually.

Nuendo freezes when working with video — CAN-8373

In rare occasions Nuendo could freeze while using video. In case this happens, please log-off the computer and log in again.

Interlaced video shows only upper fields — BON-16229

Interlaced video shows only upper fields. Consider transcoding in progressive format.

A large, light gray graphic on the left side of the page, consisting of a thick circular arc and a play button icon pointing to the right. The word "Audio" is written in a dark gray sans-serif font above the play button icon.

Audio

Exporting Audio (Audio Mixdown) issue — SQ-716

Please remember that exporting audio may take some time if the project contains complex tempo changes (Tempo track). The application may not be responsive for a certain period of time.

AIFF-file recordings cannot be recovered — SQ-2272

AIFF-file recordings cannot be recovered if the recording was interrupted e.g. by a power cut. Please use WAV files for recording.

Freeze: Frozen files are excluded from sample rate conversion — SQ-18473

Please note that frozen files are excluded from sample rate conversion when changing the project sample rate. Please unfreeze the respective files before changing the project sample rate.

Channel Batch Export: required hard disk space — SQ-18608

Channel Batch Export may start to export data even if there is not enough disk space available. Please make sure to export only when sufficient disk space is available.

Import: AIFF interleaved files in 5.0 surround format — SQ-13742

When importing an AIFF file in 5.0 surround format, an error message will be shown. Please use the WAV or BWF (Broadcast Wave Format) file format for multichannel imports.

Surround mixes in Ogg Vorbis — RIO-12625

Surround mixes in Ogg Vorbis format do not sound correctly. Use export in WAV format instead.

Audio Prerecord is shorter than set — RIO-7377

Audio Prerecord is actually shorter than the set value. Recording adjacent clips on one track limits the length of the Prerecord time.

Error message appears when bouncing RF64 audio files — RIO-5150

Bouncing RF64 audio files may trigger an error message. Make sure the used file system supports large file sizes (>4GB) and that enough space is left on the drive.



## Plug-ins

### Surround Panner V5 compatibility with Nuendo 4 — SQ-1700

In case you encounter problems switching the standard Surround Panner to the Surround Panner V5, please adjust the panning manually if you want to continue a Nuendo 4 mix using the Nuendo Surround Panner V5.

### Large amounts of undo data — SQ-3064

Certain plug-ins create large amounts of undo data stored within the offline process history. Please make sure to use Freeze Edits after applying offline processes in case you encounter this problem.

### UAC virtualization only for Nuendo 32-bit — SQ-3750

When working with the 64-bit version of Nuendo some 3rd party plug-ins may not work correctly if they are not in compliance with the User Account Control (UAC) feature of Windows. Please contact the respective plug-in manufacturer for a solution. As a workaround, please either start the 32-bit version of Nuendo or start the 64-bit version with administrator privileges if you need to work with such plug-ins.

### Altiverb 7 has no effect on tracks with active input monitoring — BON-5494

When Altiverb 7 is used on tracks with active input monitoring the plug-in has no effect. An update of the plug-in is necessary to solve this issue. Please contact the plug-in manufacturer. In the meantime set ASIO Guard to Inactive in the Plug-in Manager > Show Plug-in Information for this plug-in.

### Plug-ins with high latency in ADR — RIO-12475

ADR projects that use plug-ins with a latency can cause transport hiccups. Use plug-ins with no latency in ADR sessions.

### ASIO peaks when using VST plug-ins — RIO-9921

When working with VST plug-ins, the VST Performance meter may display ASIO peaks (Windows only). This occurs with specific FireWire or USB audio devices when ASIO Guard is enabled. Please activate Steinberg Audio Power Scheme in the Devices setup to solve this problem.

## Other

### MediaBay folder name — SQ-479

After a folder has been renamed in the Finder (macOS X only), it may appear empty in the MediaBay. Please re-scan the particular folder that has been renamed.

### Cursor/Playback mismatch at preview — SQ-1597

Please note that a cursor/playback mismatch can occur when previewing an audio file with a different sample rate than the project. Please make sure that the previewed files match the project sample rate.

### Multi-Mono to Stereo issues — SQ-1698

The automation of multiple mono files might not be combined when converting tracks from mono to stereo. Please note that only the first Automation track will be included to the multichannel track.

### Pen: scrubbing on any monitor other than the main Windows screen — SQ-1611

Please note that using a pen/tablet device for scrubbing only works in one direction if the waveform is shown on a second display.

### MediaBay Previewer cannot display the waveforms of SDII audio files — SQ-10189

If you need to work with files that are still in SDII format, please consider converting them to AIFF to make them compatible with the Nuendo MediaBay.

### Network Collaboration: Corrupt files via Network — SQ-7282

When used with the Network Collaboration feature, we recommend converting Sound Designer II files into the WAV or AIFF formats.

### SMPTE Generator doesn't sync accurately — SQ-5735

This issue may occur when Generate Code and Link to Transport was toggled during playback. You can toggle between the modes in Stop mode to solve the problem.

User attributes for Marker Tracks are not stored in a track archive — SQ-5284

If you plan to export Marker tracks, please avoid using user-defined marker attributes.

Installation on case sensitive file systems — SQ-17459

Installing Nuendo on case sensitive file systems (like UFS or case sensitive HFS+) may lead to stability issues. We do not recommend installing Nuendo using these file systems.

Key commands umlauts — SQ-18954

Umlauts and special characters might not work as key commands under macOS X. Please use other characters for key commands.

Missing crossfades of AES31 files imported from WaveLab — SQLY-14820

Crossfades in AES31 files from WaveLab are not imported. Activate Render crossfades for AES31 export in Wavelab.

Wrong MTC sent on 29.97 fps — SQLY-10944

Wrong MTC is sent if Pre-roll is used and you start playback at 00:00:00:00 using 29.97 fps. Set projects with NTSC frame rate to a project start time of 00:00:00:00.

Re-record in ADR — RIO-13346

Recorded audio event get removed when using Re-record in ADR mode. The Re-Record function should not be used in ADR mode.

Parameter changes delayed on EuCon — RIO-12427

Parameter changes may appear with a delay on EuCon remote control devices (macOS only).

Please contact Avid regarding this issue. In the meantime it can help to enable the Prevent App Nap option in the macOS X Get Info panel of the Avid EuControl application.

Sluggish editing on large project — RIO-12395

Large projects turn sluggish when editing. Please deactivate Hitpoint Detection if not needed.

Spanning windows across multiple displays — RIO-9576

Windows, e.g. the Project window, cannot be spanned across multiple displays (macOS only). In the OS X System Preferences > Mission Control disable the checkmark for Display have separate Spaces.

#### Sound Designer II files — RIO-9162

Nuendo 64-bit does not read Sound Designer II files. Sound Designer II files are no longer supported under 64-bit operating systems.

#### Levels of imported tracks are set to 1.95 — RIO-7791

Levels of imported tracks are set to 1.95 instead of 0.00. If such a problem occurs please adjust levels manually after importing.

#### Track Presets on Input or Output channels — RIO-6341

Working with track presets on Input or Output channels does not work as expected. I/O channels are currently not supported by this feature.

#### Duplicating tracks in Trim mode — RIO-5974

Duplicating tracks in Trim mode leaves automation in uneditable state. To avoid this issue, please turn off Trim mode before duplicating a track.

#### Wrong Japanese characters displayed in Renamer — CAN-8253

Japanese characters in Renamer are displayed wrong. Make sure the font Arial Unicode MS is installed.

#### AAF export using VariAudio or real time transpose — CAN-2652

AAF export fails when Transpose (real time) or VariAudio are used in the project. Flatten audio events that contain realtime pitched material before creating the AAF.

#### ASIO dropouts — BON-16138

ASIO dropouts occur when working with tools showing Extra Info as tooltips in the Project window or inside the MIDI Editors on PC Windows systems. Please disable the preference Select Tool: Show Extra Info in the Preferences > Editing Tools.

#### No presets shown in MediaBay Rack — BON-14061

Project Window MediaBay won't show presets in result list for VST2 instruments (e.g. VB-1). Open a VST2 instrument, click on the MediaBay icon (next to preset selection) and choose Convert Program List To VST Presets. This will convert the presets (.fxp format) to the VST3 format and so the presets will now appear in the result list of the MediaBay rack.

#### Instrument output channels not rendered when using Render In Place — BON-8590

The output channels of some Instruments have not been rendered after using the Render In Place feature. Please make sure the specific output channels of those tracks have not been deactivated.

#### VCA faders have no effect on MIDI channels — BON-5462

Using VCA faders on MIDI channels does not seem to have an audible effect. VCA faders are not designed to work with MIDI channels but only on channels on which an audio signal passes through.