

# Nuendo 8

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## **Version history**

## **Known issues & solutions**

November 2017

Steinberg Media Technologies GmbH



# 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 dissappear 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 Modifer 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 DVCPPro 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.
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.

ID #	Area	Issue
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.
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**

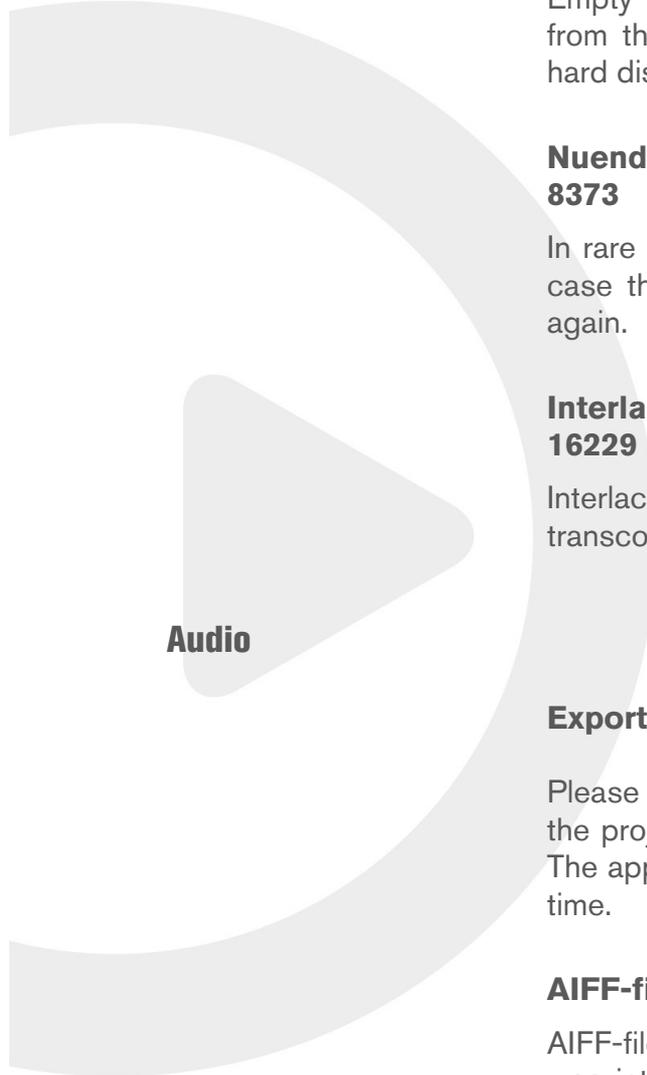
Empty Trash in the audio pool does not delete the video file from the hard disk. Please look for the file location on the hard disk and delete it manually.

### **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.



**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.