

# Nuendo 6

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## Version history Known issues & solutions

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Steinberg Media Technologies GmbH



# Table of contents

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<b>About .....</b>	<b>4</b>
<b>Nuendo 6.0.7 .....</b>	<b>5</b>
Issues resolved .....	5
<b>Nuendo 6.0.6 .....</b>	<b>9</b>
Improvements.....	9
MixConsole.....	9
Voxengo CurveEQ 3.2.5 update .....	9
Improved audio stability.....	10
Improved UAD compatibility.....	10
Issues resolved .....	11
<b>Nuendo 6.0.5 .....</b>	<b>13</b>
Improvements.....	13
MixConsole.....	13
Visibility .....	13
Workflow.....	14
Issues resolved .....	15
<b>Nuendo 6.0.4 .....</b>	<b>18</b>
Improvements.....	18
MixConsole.....	18
Chord Track .....	19
MIDI.....	20
Audio .....	21
ADR .....	21
Other improvements.....	22
Issues resolved .....	23
<b>Nuendo 6.0.3 .....</b>	<b>26</b>
Improvements.....	26
MixConsole improvements.....	26
Score Editor .....	26
Plug-in Information Window.....	27
Default colors for track types .....	27
MediaBay improvements.....	27
EuCon Adapter improvements.....	27
VST Connect SE documentation.....	27
Issues resolved .....	28
<b>Nuendo 6.0.2 .....</b>	<b>33</b>
<b>Known issues and solutions.....</b>	<b>34</b>
Audio .....	34

MIDI	.....	36
Plug-ins	.....	37
AAF	.....	38
Other	.....	39



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## About

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### **Congratulations and thank you for using Nuendo!**

This document lists all update changes, fixes and improvements as well as known issues and solutions for the Nuendo product family.

Please note that the known issues and solutions section contains issues that might concern specific Nuendo versions only. Please make sure to read through this section before contacting Steinberg support.

Enjoy using Nuendo!

Your Steinberg team

## Nuendo 6.0.7

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### January 2014

This version contains all improvements from previous maintenance releases as well as the following improvements and issue resolutions.

### Issues resolved

The following table lists all issues that have been resolved in this version.

ID #	Issue
R-11459	<b>GLOBAL:</b> When opening a file selector dialog the mouse wheel always works as expected.
R-11423	<b>GLOBAL:</b> Reference and Dim preferences are no longer resetted.
R-11786	<b>GLOBAL (OS X 10.9):</b> All non-modal windows are displayed correctly.
R-11524	<b>PROJECT:</b> Projects created in Cubase 7.5.x that use the new TrackVersions feature are fully compatible with Nuendo 6.0.7.
R-11458	<b>PROJECT:</b> Importing AAF files (including fades) into Nuendo works as expected.
R-11407	<b>PROJECT:</b> When using the Browse button in the Add Audio Track window, the Result (Previewer) part of the window is always displayed.
R-11442	<b>PROJECT:</b> The Edit Frame Offset settings are now applied correctly to the Nuendo SyncStation.
R-11460	<b>PROJECT:</b> Hovering over audio tracks in the tracklist no longer leads to audio drop-outs.
R-11440	<b>PROJECT:</b> Closing projects no longer results in an unresponsive state of the application.
R-11452	<b>MIXCONSOLE:</b> The layout of MixConsole no longer misaligns when switching from a multi-display setup to a system with only one display.
R-11437	<b>MIXCONSOLE:</b> Hiding the EQ section in the Channel Settings window now works as expected.
R-11435	<b>MIXCONSOLE:</b> Using Control+Shift+arrows in MixConsole for changing levels now works as expected.

**R-11434 MIXCONSOLE:** The context menu on the channel strip module knobs and in  
**R-11438** the fader area of MixConsole now works as expected.

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**R-11413 MIXCONSOLE:** Loading a second project with MixConsole opened in full-screen mode no longer renders the application unreliable.

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**R-10342 MIXCONSOLE:** When using knob mode for the EQ section in the Channel Settings windows, the phase reverse button is always visible.

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**R-11422 MIXCONSOLE:** Loading an FX chain preset no longer renders the application unreliable.

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**R-11404 MIXCONSOLE:** Changing channels with the cursor keys in the hardware rack of MixConsole no longer leads to an unresponsive state of the application.

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**R-11439 PLUG-IN:** The gain reduction meters of the Maximizer works as expected.

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**R-9918 PLUG-IN:** Copying a REVerence instance to another channel or copying a channel which contains a REVerence instance no longer leads to performance issues.

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**R-10730 PLUG-IN (OS X 10.9):** Using VST Connect no longer leads to an unresponsive state of the application.

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**R-11433 PLUG-IN:** Using REVerence (or Roomworks) and bypassing it, then moving to a section in the project without audio and disabling bypass for REVerence no longer leads to unwanted playback of a buffered reverb tail.

---

**R-11417 PLUG-IN:** Using REVerence and switching between two program slots while enabled parameter fading no longer produces audio artifacts.

---

**R-8296 AUDIO:** The Offline Process History title now shows the correct plug-in name.

---

**R-11420 AUDIO:** Adjusting the volume of an audio event via keyboard shortcut while the Crossfade Editor is opened no longer leads to an unresponsive state of the application.

---

**R-11418 AUDIO:** Emptying trash in the Audio Pool now works without issues.

---

**R-11424 MIDI:** Resizing the controller lane in the Key Editor now works as expected.

---

**R-11451 SCORE:** Printing to PDF from Score Editor and replacing an existing PDF file no longer lead to an unresponsive state of the application.

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**R-10322 VIDEO:** Importing multi-channel audio from QuickTime files now works as expected.

---

**R-11403** **HARDWARE:** Changing the Digital I/O mode setting of MR 816 in the Control Panel or Audio Hardware Setup no longer renders the application unreliable.

---

**AAF-3** **AAF:** Start-time and volume levels of AAF files are now imported properly.

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**AAF-9** **AAF:** Import of AAF files no longer creates an empty project.

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**AAF-15** **AAF:** Import of AAF files no longer fails when video track import option is chosen on import dialog.

---

**AAF-52** **AAF:** AAF files from Apple Final Cut Pro are now positioned correctly in Nuendo.

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**AAF-53** **AAF:** AAF files with various sample rates and bit depths are now imported correctly.

---

**AAF-61** **AAF:** Conversion of embedded files now works flawlessly.

---

**AAF-68** **AAF:** A problem related to the buffer size (occurring during media consolidation) has been solved.

---

**AAF-21** **AAF:** AAF-export now works correctly in embedded format.

**AAF-70**

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**AAF-78** **AAF:** Import of embedded AAF files from AVID Media Composer now works flawlessly and within a reasonable period of time.

---

**AAF-115** **AAF:** AAF files from AVID Media Composer containing rendered effects are now positioned properly in the Nuendo timeline.

---

**AAF-117** **AAF:** ClipGain values are now written to all channels of a multi-channel track.

---

**AAF-119** **AAF:** Audio files are now imported and placed at the right position in the Nuendo timeline.

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**AAF-120** **AAF:** Import of AAF files now works correctly (no missing clips).

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**AAF-127** **AAF:** AAF files from AVID Media Composer containing stereo channels now open correctly in Nuendo.

---

**AAF-128** **AAF:** Import of embedded AAF files now works correctly even if special characters are used in media paths (Mac OS, 32bit).

---

**AAF-130** **AAF:** Embedded AAF is now supported without limitations under Mac OS (32bit).

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**AAF-135** **AAF:** AAF filter can now be set to 23,98fps project framerate and imports clips on right position.

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AAF-141 AAF: Import of tracks now works correctly under 32bit.

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## Nuendo 6.0.6

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### September 2013

This version contains all improvements from previous maintenance releases as well as the following improvements and issue resolutions.

### Improvements

This maintenance update introduces the following improvements:

#### MixConsole

##### Visibility improvements

MixConsole now features better overall visibility and resize and window restore behavior. Depending on the zoom level, the channel names are now displayed on two lines instead of one and the font is rescaled for better readability. Mono / stereo / surround channel format now sports corresponding visual symbols. The Pre, Sends and Quick Control sections now feature consistent behavior of overlay controls. The Direct routing color coding is now consistent for Channel Settings, MixConsole and Inspector. In addition the order of MIDI insert effects can now be changed, and individual MIDI effects can be copied via drag and drop.

##### One-click plug-in access

Plug-ins in MixConsole can now be opened with a single mouse click on their slot position.

##### Workspace support

The windows configuration and layout of MixConsole is now fully captured and restored when using Workspaces.

#### Voxengo CurveEQ 3.2.5 update

The following improvements are part of this update:

- Improved audio processing performance by up to 30%
- A static spectrum can now be loaded from a WAV file directly
- A "Load CSV" and "Save CSV" text file function has been added

- Routing is now configured automatically
- The EQ curve display now continuously refreshes
- When moving a control point close to the maximal or minimal frequency, Curve EQ remains responsive.
- Spectrum matching is now working correctly across all groups.

### **Improved audio stability**

To improve the overall audio stability under Windows, Cubase now ensures that the ASIO driver threads are using Windows MMCSS (Multimedia Class Scheduling Service).

### **Improved UAD compatibility**

Nuendo 6.0.6 features improved UAD compatibility, preventing “sample rate mismatch” issues.

## Issues resolved

The following table lists all issues that have been resolved in this version.

ID #	Issue
R-7381	<b>PROJECT:</b> Unfreezing a pasted Group Track now works as expected.
R-7329	<b>PROJECT:</b> When using the Arranger Track in "Pause after Repeats" mode, pressing the play button will start the playback immediately on the next Arranger Track event as expected.
R-8669	<b>PROJECT (OS X 10.8 ONLY):</b> Opening a project from a location which uses Unicode characters in the file path now works as expected.
R-8954	<b>PROJECT (OS X ONLY):</b> The horizontal zoom direction in the Project window (CMD and mouse wheel) no longer switches depending on the "Natural scrolling" system setting and will always zoom-in like on PC.
R-6208	<b>MIXCONSOLE:</b> Setting MixConsole to full screen in a dual monitor configuration and reopening the project on a single monitor system no longer locks MixConsole to full screen mode.
R-5960	<b>MIXCONSOLE:</b> Unexpected resizing issues after changing the height of MixConsole no longer occur.
R-8427	<b>MIXCONSOLE:</b> The names of channels, insert plug-ins and channel strip modules are now displayed with the correct font size.
R-9171	<b>MIXCONSOLE:</b> After switching the EQ band type, the focus frames in the Channel Settings window now disappear as expected.
R-9329	<b>MIXCONSOLE:</b> The pre filter in the Channel Settings window now shows the on/off/bypass buttons.
R-8524	<b>MIXCONSOLE:</b> Insert preset names are updated correctly when the insert effect is changed.
R-9180	<b>MIXCONSOLE:</b> Track pictures on channels in MixConsole are now always centered properly.
R-8452	<b>MIXCONSOLE:</b> The Solo defeat tooltip now displays the correct modifier ("ALT+CTRL").
R-8611	<b>MIXCONSOLE:</b> Pressing a key on the computer keyboard does not interrupt writing automation.
R-7952	<b>MIXCONSOLE:</b> Disabling a track no longer disconnects the side-chain inputs of the hosted plug-ins.

**R-9186 PLUG-INS:** Multiband Compressor no longer causes inaccurate audio if very short audio events are processed.

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**R-9245 PLUG-INS:** The "Live" button state of Multiband Compressor is now restored correctly when opening a project.

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**R-8149 PLUG-INS:** Opening a project created in a previous Cubase version and using bridged VST 2 plug-ins now works without issues.

---

**R-8296 AUDIO:** The Offline Process History now displays plug-in names correctly.

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**R-8070 VSTEXPRESSION:** VST Expression map symbols are now shown as expected.

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**R-8868 VSTEXPRESSION:** It is now possible to scroll through long VST Expression Maps.

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**R-8823 SCORE:** Printing a score under OS X now works as expected.

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**R-8162 ADR:** Switching the project while ADR recording takes place now keeps the application responsive.

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**R-9120 ADR:** The ADR settings window is now closed when closing the project.

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## Nuendo 6.0.5

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This version contains all improvements from previous maintenance releases as well as the following improvements and issue resolutions.

### Improvements

This maintenance update introduces the following improvements:

#### **MixConsole**

##### **Key Commands to select Control Link groups**

New key commands can be assigned to select the previous or next Control Link group in the MixConsole.

##### **Key Commands for Channel and Rack configurations**

New key commands can be assigned to select Channel and Rack Configurations 1-8.

##### **EQ/Filter transition option**

A new, global “EQ/Filter transition” option in the Functions menu of the MixConsole has been added (soft/quick). It controls how fast the EQs and filters respond to sudden parameter changes. Especially when automating parameters the soft setting helps to avoid audio artifacts.

#### **Visibility**

##### **Channel configuration display**

The channel configuration (e.g. 2.0, 5.1 etc.) is now also displayed for Group and FX channels in the Project window. It can be configured in the Track Control Setup.

##### **Loudness meter**

The “momentary” alert value is now user-definable.

##### **Folder tracks color**

Folder Tracks now supports the “Colorize Track Controls” settings in the Preference menu.

## Workflow

### Improved track selection

A new preference in the editing section named "Select Track on Background Click" has been added. It allows to select a track by clicking in the Project window workspace area.

### Generic Remote Editor improvements

The menus in the Generic Remote Editor have been redesigned to offer a better structure of functions and parameters as well as a search field.



## Issues resolved

The following table lists all issues that have been resolved in this version.

ID #	Issue
R-6192	<b>MIXCONSOLE:</b> Texts related to Insert slots no longer mask each other when hovering over the slots.
R-6621	<b>MIXCONSOLE:</b> The preset names of insert effects are now displayed correctly.
R-7574	<b>MIXCONSOLE:</b> When closing a folder in MixConsole, which contained a selected track, Track 01 is no longer accidentally selected.
R-7617	<b>MIXCONSOLE:</b> Tracks in the Zones section can now be scrolled/selected correctly, even if the track list exceeds the Zone section window length.
R-7723	<b>MIXCONSOLE:</b> The channel width can no longer be smaller than the given minimal size.
R-7829 R-7831	<b>MIXCONSOLE:</b> The commands "Deselect/Select all" now works correctly for all channel types and across linked MixConsoles.
R-7833	<b>MIXCONSOLE:</b> The name of insert effects are no longer cut-off, instead they are shown correctly now.
R-7849	<b>MIXCONSOLE:</b> The track height setting is now saved correctly with the project file.
R-7885	<b>MIXCONSOLE:</b> Channel strip module sections can now be expanded even if the respective tracks are frozen.
R-7896	<b>MIXCONSOLE:</b> Linking properties are now fully considered when freezing tracks.
R-7925	<b>MIXCONSOLE:</b> The $\infty$ value of the basic surround panner is now displayed correctly in the panner field of an LFE channel.
R-7933	<b>MIXCONSOLE:</b> When resizing MixConsole, pictures and notes will remain visible.
R-8051	<b>MIXCONSOLE:</b> Entering channel numbers now works as expected.
R-8147	<b>MIXCONSOLE:</b> The word-reduction algorithm now displays readable characters at the end of the track name field at all times.
R-8171	<b>MIXCONSOLE:</b> All functions of the channel strip's context menu now work correctly.

**R-8232 MIXCONSOLE:** The ALT+SHIFT command related to solo defeat now works as expected.

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**R-7734 AUTOMATION:** Projects containing plug-in or EQ automation created in Nuendo 5.5 now behave correctly in Nuendo 6.

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**R-8440 AUTOMATION:** Automation parameters related to the REVerence reverb are now considered in offline bounce (non-real-time export).

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**R-7793 LOUDNESS:** Audio analysis on Loudness Track no longer shows wrong values.

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**R-8102 PLUG-INS:** The width parameter of the Phaser plug-in now works correctly.

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**R-8104 PLUG-INS:** VST Amp Rack tuner now works more precisely.

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**R-5375 PROJECT:** Another possible issue when closing the application has been resolved.

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**R-7778 PROJECT:** PPQ length is no longer affected by the song tempo when applying Logical Editor presets.

---

**R-8288 PROJECT:** Key commands for Control Link groups work as expected.

---

**R-8143 PROJECT:** Resaving of pre-v7 Projects making use of MPEX3 offline timestretch does no longer lead to corrupted project files.

---

**R-6086 RECORDING:** Punch in and punch out no longer cause any glitches.

---

**R-8054 MIDI:** Using pedal sustain (down) and playing the first note on no longer causes hanging notes.

---

**R-7935 VIDEO:** When using an external video output device, the colors are reproduced correctly now.

---

**R-8136 VIDEO:** The video playback now runs smoothly during background creation of video thumbnails.

---

**R-7292 ADR:** The Listen Dim Level fader is now grayed out during ADR mode.

---

**R-8030 IMPORT/EXPORT:** Import of AAF files containing embedded MXF files no longer causes empty waveforms.

---

**R-8152 KEY COMMANDS:** The color tool can now be accessed via key commands.

---

**R-7738 KEY COMMANDS:** Routing of multiple tracks now works correctly with SHIFT + command.

---

**R-4344 NUAGE:** In the center section, it is now possible to select multiple events.

---



**R-5683 NUAGE:** Scrolling a large number of tracks within the mixer works now seamlessly.

---

**R-6731 REMOTE:** On EuCon and WK-Audio remote control surfaces, fade in and fade out now work correctly in Edit Mode.

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**R-7832 PERFORMANCE (OS X):** Continuous repeating performance spikes do no longer occur.

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## Nuendo 6.0.4

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This version contains all improvements from previous maintenance releases as well as the following improvements and issue resolutions.

### Improvements

This maintenance update introduces the following improvements:

#### **MixConsole**

##### **Visibility improvements**

Better overall visibility of several icons and buttons as well as improved text readability of several parameters and values. The MixConsole focus indicator (white rectangle) has been softened for being easier on the eyes.

##### **Exclusive mode for channel strip modules**

Individual channel strip modules can now be shown in exclusive mode to improve overview on small monitors. Exclusive Mode is accessed with the menu button beside the Racks button in the MixConsole toolbar then select "Show One Channel Strip Type".

##### **New loudness meter options**

Loudness meter settings can now be stored/recalled as presets. There are new options to set the true peak value lower than -6 dB and to freely define the reference level (to allow for non-EBU specification).

## Chord Track

### PitchCorrect Chord Track integration

The PitchCorrect plug-in can be now set up to use the Chord and Scale information in realtime from the Chord track in a project. To do so, load PitchCorrect on the desired audio track and set the Scale Source to “Chord Track – Chords”, then create a MIDI track and set its output to PitchCorrect in order to pass on the Chord/Scale events.

### Improved Make Chords function

The Make Chords function (Project > Make Chords) now offers two new options: If “Detect Arpeggios” is enabled, there is a great improvement in how arpeggiated notes are interpreted as Chords. Additionally, you can enable the “Interpret Sustain Pedal” option which takes care of finding Chords by notes played within an opened Sustain Pedal phase.

### Text Input for Chords

It is now possible to create chord events by entering text when using the Chord Editor. Using the tab key you can create a row of chords events in quick succession, which is ideal if you input chords from a lead sheet.

### Chord Track preference "Hide muted Notes in Editors"

This new preference controls if events should be hidden from the MIDI Editor displays instead of just showing them as muted notes on MIDI/Instrument tracks that follow the Chord track. In case they can not be properly mapped according to the used "Follow Chord Track" mode. You can find this preference in the section "Editing > Chords".

## MIDI

### **New MIDI Reverse function Mirror**

This function visually mirrors MIDI events in a Part and can be used as an alternative way of reversing a MIDI phrase in case the Reverse function does not create the desired result.

### **Adding a new MIDI track with increased channel**

When adding a new MIDI track via the Add track window, the newly created track will use the MIDI port from a selected MIDI channel and increases the channel number automatically.

### **Import Karaoke Lyrics as Text**

This new MIDI File Import preference controls whether karaoke text (lyrics) are imported from a MIDI file as SMF-Karaoke (SMF-Event #5) or converted to "Text"-Events. SMF-Karaoke events can be viewed in the List-, but not in the Score Editor. "Text"-Events can be edited in List- and the Score Editor. "Lyrics" (SMF 5, "Karaoke") will be displayed in italic, while "Text" (SMF 1) will be displayed in bold. "Text", that is imported from a MIDI file and has been SMF-Karaoke before, will be exported as SMF-Karaoke when exporting that project to a MIDI file again.

## Audio

### ASIO Driver Setup wizard

This new dialog provides information to help select the relevant drivers of the audio hardware connected without the need to open the Device Setup window. The dialog pops-up on first program launch or after a new ASIO driver hardware has been installed or connected to the computer.

### VST Connection Helper

If no input- and output busses as well as "Studio" monitors have been setup in the VST Connections, an orange warning showing "Not Connected" will be displayed in the Status Line of the project window. When clicking at this notification, the VST Connections window opens to define the audio hardware ports for the audio input- and output busses. This helps to avoid the situation "Cubase is playing back, but I can't hear anything".

### Mute VariAudio segments

In Pitch & Warp mode, each VariAudio segment includes a mute (X) symbol now. With this symbol, you can mute individual note segments. The mute state can also be applied for multiple selected notes via the mute key command [Alt+M].

### ADR

The Record and ADR modes are now specially protected against unintended interruption such as jog wheel operation and can be operated without keeping the marker window open.

The video overlay for the dialogue marker attribute has been extended to display more characters (text) and the Take number attribute can be used to locate its relevant marker.

## Other improvements

### Return of the colour tool

The Color Tool is now available again in the toolbar!

### Handling of track pictures

The track pictures browser now opens by double clicking the track pictures field.

### Paste Relative to Cursor

This new command pastes multiple objects while keeping their relative position to the project cursor. You can find it in the menu "Edit > Function > Paste Relative to Cursor". The Key-Command is [SHIFT+V] is assigned by default.

### Improved vertical Zooming

When zooming vertically in the Project window the zoom behaviour now respects your track selection, trying to keep the tracks as stable as possible in the view. If events are selected, vertical zooming will focus around the event selection instead. Vertical zooming in the Key / Drum Editor works in a similar way, either trying to keep all the MIDI events centered in the view or with focus on selected events first.

### Improved Track/Channel Search

The Track/Channel Search function has been improved for use with folder tracks and is now also available as a key command.

### Faster Project load times

Projects using a large number of plug-ins are now loaded significantly faster.

### Modern colour setup

The color setup handling has been modernized.

## Issues resolved

The following table lists all issues that have been resolved in this version.

ID #	Issue
R-7726	<b>PROJECT:</b> Switching between project no longer resizes the projects.
R-7081	<b>PROJECT:</b> A problem was solved that occurred when closing Cubase.
R-7385	<b>PROJECT:</b> The save time of the preferences and closing time of the application have been improved.
R-7433	<b>PROJECT:</b> Deleting a barline now works as expected.
R-7362	<b>PROJECT:</b> Splitting events in the project window with Follow Chord Track enabled no longer responds sluggishly.
R-7354	<b>PROJECT:</b> Entering values in the transport panel behaves now as expected.
R-7325	<b>PROJECT:</b> The default color handling of events works now as expected.
R-7030	<b>PROJECT:</b> The Tempo Editor now follows the color settings as expected.
R-6411	<b>PROJECT:</b> Folder tracks arm behaves now as expected.
R-6478	<b>PROJECT:</b> The MediaBay now retains its always on top status.
R-1342	<b>PROJECT:</b> The Cubasis importer works now as expected.
R-7272	<b>MIXCONSOLE:</b> Maximizing or reopening the MixConsole no longer affects the width of the channels.
R-1242	<b>MIXCONSOLE:</b> Channels that are locked left or right are always visible now.
R-1243	<b>MIXCONSOLE:</b> When mixers are linked, closing one of them does no longer break the link.
R-1244	<b>MIXCONSOLE:</b> Agent to show connected channels now takes all cases of Direct Routing into account.
R-7869	<b>MIXCONSOLE:</b> Copy/pasting operations in the MixConsole updates the EQ Curve as expected.
R-7800	<b>MIXCONSOLE:</b> The volume is no longer affected after selecting "Deactivate all listen states" in the Control Room.
R-7799	<b>MIXCONSOLE:</b> The behavior of the Send Pan from a Stereo Channel to a Mono Group works now as expected.

- 
- R-7648 MIXCONSOLE:** The labeling of the MixConsole is displayed correctly after resizing the mixer.
- 
- R-7647 MIXCONSOLE:** Collapsed Channel Strip modules work now as expected when working with linked mixers.
- 
- R-7330 MIXCONSOLE:** The StudioEQ now works as expected using different sample rates.
- 
- R-7498 MIXCONSOLE:** The names of chained channels in the Channel Settings are now displayed correctly.
- 
- R-7271 MIXCONSOLE:** Zooming the MixConsole no longer affects the background graphics.
- 
- R-7270 MIXCONSOLE:** The size of the fader channel view has been adapted in relation to the mixer window.
- 
- R-7258 MIXCONSOLE:** The scroll bar of the MixConsole is now displayed correctly.
- 
- R-7947 MIXCONSOLE:** The control room output level is no longer increased by +2 dB.
- 
- R-7106 MIXCONSOLE:** The "Link Mixer" command works now as expected.
- 
- R-6552 MIXCONSOLE:** The level meter of the SurroundPan behaves now as expected.
- 
- R-7265 AUDIO:** The sound quality of VariAudio has been improved VariAudio segment transitions no longer create audible glitches.(please see known issues and solutions for details).
- 
- R-7586 AUDIO:** After pitching scales in VariAudio the audio updates faster than before.
- 
- R-7384 AUDIO:** Clicking on Undo using VariAudio no longer renders the application unreliable.
- 
- R-7758 AUDIO:** The correct waveform is now displayed after bouncing in place.
- 
- R-7632 AUDIO:** Drag & dropping audio files from OS X's Finder to Nuendo no longer renders the application unreliable.
- 
- R-7422 AUDIO:** Using the Offline Process History no longer renders the application unresponsively.
- 
- R-6964 AUDIO:** The "Tail" function of the Audio/Plugin process no longer renders the application unreliable.
-



- 
- R-2726 AUDIO:** The timestretching values now behave as expected after closing and reopening the project.
- 
- R-7429 PLUG-IN:** Turning the drive parameter of the Vintage and Tube Compressors to high values no longer affects the panorama.
- 
- R-5143 PLUG-IN:** Using the MonoDelay as an offline process works now as expected.
- 
- R-7443 MIDI:** Drawing many MIDI parts with many notes and/or controller data no longer creates performance issues.
- 
- R-7284 MIDI:** Exporting MIDI files with lyrics works now as expected.
- 
- R-6324 MIDI:** Recording in MIDI editors now work as expected.
- 
- R-6283 MIDI:** The MIDI length adjustment finally no longer works unexpected during export and import.
- 
- R-6015 MIDI:** The cycle range visibility in the Key Editor now behaves as expected.
- 
- R-7428 SCORE:** The step-input and the MIDI-input of the Score Editor works now as expected.
- 
- R-6438 SCORE:** The Score Editor Font underline works now as expected.
- 
- R-5280 REMOTE:** Mackie Control Jogwheels scroll smoothly now.
- 
- R-4972 REMOTE:** The Jog value is no longer locked to the zoom factor.
-

## Nuendo 6.0.3

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This version contains all improvements from previous maintenance releases as well as the following improvements and issue resolutions.

### Improvements

This maintenance update introduces the following improvements:

#### MixConsole improvements

- The Functions menu in the MixConsole now offers an entry to toggle "Constrain Delay Compensation" on/off
- The Channel Configuration in the Channel Edit window is now readable in the window title bar.
- Channels locked to the left or right zone are now separated with a small gap between the un-locked channels.
- The scrolling behavior for multiple linked MixConsoles has been improved.
- It is now possible again to set "Sync Selection in Project Window and MixConsole" in the Preferences under Project & MixConsole.
- For each MixConsole window it is now possible to toggle "Scroll to selected Channel" individually from the Functions menu.
- The visual indication of "Bypass" and "Disabled" has been improved for Channel Strip modules and the Equalizer.
- The visual indication of "PRE" or "POST" of MixConsole Sends has been improved.
- Underneath the name label of each channel the channel width will be displayed (if MixConsole contains channels with different channel widths).

#### Score Editor

When selecting a symbol in the symbol inspector the layer is automatically changed to an appropriate layer and the user is informed about this.

## **Plug-in Information Window**

The "Update Plug-in Information" function can be cancelled now.

## **Default colors for track types**

It is now possible to define default colors for various track types in the Preferences (Appearance: Colors).

## **MediaBay improvements**

In the Save Preset window the last used location to save a preset is now remembered.

## **EuCon Adapter improvements**

- The EuCon Adapter has been updated to version 6.5.1.5.
- On EuCon the MixConsole Racks now open automatically when corresponding sections are chosen on the surface.
- On EuCon the Lo / Hi Cut filters of MixConsole are accessible via the "INPUT" knobset.
- On EuCon the Channel EQ of MixConsole and its parameters are now accessible via the Channel Strip modules / knobset.
- On EuCon all relevant Appsets have been updated to enable the operation of Mixer Agents.

## **VST Connect SE documentation**

The VST Connect SE documentation has been overhauled, updated and localized into six languages.

## Issues resolved

The following table lists all issues that have been resolved in this version.

ID #	Issue
R-7093	<b>PROJECT:</b> Audio Statistic and Spectrum windows now work properly in always-on-top mode.
R-5309	<b>PROJECT:</b> The metronome click no longer goes out of sync when changing the tempo on the fly in cycle mode.
R-4323	<b>PROJECT:</b> Entering text into Notepad now works as expected.
R-7056	<b>PROJECT:</b> Using the “Divide track list” function no longer renders the application unreliable.
R-6993	<b>PROJECT:</b> Track Coloring scheme now works as expected when the track gets created automatically for example by dragging audio onto it.
R-5789	<b>PROJECT:</b> Auto Track Coloring now works properly when adding a track.
R-5354	<b>PROJECT:</b> Backup project now also works properly when the Project has missing files.
R-5237	<b>AUDIO:</b> Enabling Constrain Delay Compensation no longer bypasses every insert effect after saving/reloading the Project.
R-6525	<b>AUDIO:</b> If ASIO-Guard is enabled, inserting a plug-in no longer leads to out of sync audio playback.
R-4553	<b>AUDIO:</b> Application now accepts AIFF files larger than 2 GB.
R-6442	<b>AUDIO:</b> The drawn waveform in the Sample Editor is no longer out of sync with the audio sample data.
R-6766	<b>AUDIO:</b> The Elastique Algorithm setting is now saved and restored properly with the Project.
R-6105	<b>AUDIO:</b> Freezing a track, which contains audio events in MXF or FLAC formats, no longer leads to disk overloads.
R-4406	<b>AUDIO:</b> Dissolve parts-function now works correctly on audio parts even if the part contains a crossfade that is outside the part.
R-6862	<b>AUDIO:</b> Project audio files are now opened correctly even if the original file path has changed, e.g. when opened on a different computer. Backing up the project now also works correctly.

- 
- R-6443 MIDI:** Solo in Key Editor now works properly when “Follow Chord Track” is enabled for the track.
- 
- R-5497 MIDI:** Editing in the Key Editors controller lane with the pencil tool now works as expected.
- 
- R-6647 MIDI:** When changing note-velocity or pitch in the Key Editor's infoline, the acoustic feedback now works properly.
- 
- R-6900 MIDI:** Switching between parts in the Key Editor no longer leads to any graphical refresh issues in the controller lanes.
- 
- R-7074 MIDI:** Several issues with the MIDI Device Setup have been resolved.
- 
- R-6991 MIDI:** The delete doubles command no longer fails under specific circumstances.
- 
- R-6877 MIDI:** Adding a position line to Logical Editor no longer renders the application unresponsive.
- 
- R-7088 SCORE:** Opening a MIDI Part in the Score Editor no longer potentially renders the application unresponsive.
- 
- R-6953 SCORE:** Removing pre-populated buttons in the Favorites Tab of the Score Editor no longer renders the application unreliable.
- 
- R-6952 SCORE:** The signature display in Score Editor is now always in sync with the signature and tempo track and updates properly.
- 
- R-6924 SCORE:** Importing block text from an RTF file is now working correctly.
- 
- R-6318 SCORE:** Moving a Rehearsal symbol with the mouse is now visualized in real time.
- 
- R-6994 SCORE:** Inserting Lyrics into the Score Editor no longer renders the application unresponsive.
- 
- R-7242 MIXCONSOLE:** Scrolling in MixConsole via Cursor Keys no longer leads to redraw issues.
- 
- R-7193 MIXCONSOLE:** The Master Output channel will no longer disappear under certain circumstances.
- 
- R-7079 MIXCONSOLE:** MixConsole no longer opens with erratic size ranges.
- 
- R-7179 MIXCONSOLE:** MixConsole now restores the channel width correctly at all times.
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- R-7077 MIXCONSOLE:** The minimum zoom level of MixConsole no longer increases width instead of decreasing.
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**R-7009 MIXCONSOLE:** The size of the Channel Settings windows is now saved properly with the Project.

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**R-6982 MIXCONSOLE:** When using User Panels, the value cell in horizontal faders are no longer invisible.

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**R-5671 MIXCONSOLE:** The size of the rack view no longer increases each time MixConsole is closed and reopened.

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**R-6744 MIXCONSOLE:** The name of tracks and plug-ins are no longer hard truncated but sensibly shortened.

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**R-6124 MIXCONSOLE:** When MixConsole is in full-screen mode and always-on-top is enabled, the fader section no longer resizes incorrectly.

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**R-6180 MIXCONSOLE:** MixConsole no longer shows various redraw issues.

**R-5808**

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**R-6754 MIXCONSOLE:** Changing the high shelf band to parametric filter no longer shows a Q of 0.0 when 1.0 is set.

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**R-7174 MIXCONSOLE:** The controls of the channel strip modules now correctly change values counterclockwise when using circular movement.

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**R-7098 MIXCONSOLE:** Setting the MIDI channel for quick-linked channels now works correctly.

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**R-7024 MIXCONSOLE:** When loading VMX channel state files, the Volume level is read correctly now.

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**R-7011 MIXCONSOLE:** Switching workspaces no longer deselects the current channel.

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**R-6372 MIXCONSOLE:** When loading a project the bypass states of inserted plug-ins are properly restored now.

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**R-6805 MIXCONSOLE:** Using a key command for "Move to pre-fader" option of the sends in MixConsole now works correctly.

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**R-6762 MIXCONSOLE:** Saving a VSTi output channel as a Track Preset and then adding a new audio track from this Preset no longer leads to unexpected results.

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**R-6659 MIXCONSOLE:** Scroll to selected channel now works properly when the mixer window is closed.

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**R-6590 MIXCONSOLE:** Saving a second MixConsole configuration and switching back to first configuration while Set up Window Layout is opened no longer renders the application unreliable.

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**R-6033 MIXCONSOLE:** Fine adjusting the panner movement by pressing Shift now works correctly.

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**R-6033 MIXCONSOLE:** The on/off button in the Pre section now works correctly.

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**R-7104 PLUG-IN:** VST 3 plug-in parameter automation data is no longer reversed for specific plug-ins.

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**R-6585 PLUG-IN:** The gain setting of external effects now follows +12 dB fader setting properly.

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**R-5909 PLUG-IN:** An open REVerence plug-in window no longer renders the application unreliable.

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**R-3693 PLUG-IN:** The Pre / Post FX menu in VST Amp Rack now works properly.

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**R-7111 PLUG-IN:** Available plug-in presets are no longer missing for certain plug-ins (such as Compressor).

**R-6270**

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**R-6965 PLUG-IN:** Selecting Presets for the MIDI Insert Quantize plug-in now works as expected.

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**R-7103 PLUG-IN:** The Chorder MIDI plug-in no longer transposes chords one octave down by accident.

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**R-6956 PLUG-IN:** The External FX plug-in now measures the I/O latency correctly.

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**R-6737 PLUG-IN:** The External FX connections are no longer lost when an output preset is selected in VST Connections.

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**R-6888 PLUG-IN:** The MonoToStereo plug-in no longer plays a small audio snippet from the start of the waveform regardless of the song position.

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**R-6696 PLUG-IN:** Inserting the VST Connect SE Cue Mix plug-in into Control Room Cue 1-4 no longer leads to an unresponsive state when closing the application.

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**R-6517 PLUG-IN:** Saving and restoring a GEQ-10 and GEQ-30 Preset that uses a different EQ-type other than True Response now works properly.

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**R-7196 MEDIABAY:** When tagging WAV files all chunks are written correctly to the WAV file now.

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**R-5456 VIDEO:** Video Offset now works reliable. Please check the Video Offset (ms) value in Device Setup "Video Player" for Projects created in previously versions.

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**R-6796 ADR:** The details view in the Marker window is now updated correctly when using Locate Previous Marker / Locate Next Marker in the Marker Window or by Key Command.

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**R-6005 ADR:** Cue channels and external inputs can now be monitored correctly via the control room even if ADR mode is enabled.

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**R-2793 TRANSPORT:** The "BAR" digit is no longer truncated for pre and post-roll when operating system is set to Japanese language.

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**R-5618 REMOTE:** Remote Controls no longer show channels which are hidden in MixConsole.

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**R-6081 HARDWARE:** UR & MR Series: When saving a REV-X / Channel Strip Preset, it will now show up properly in MediaBay.

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## Nuendo 6.0.2

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### Initial release.

To get an overview of the new features Nuendo 6 has to offer, please take a look here:

[www.steinberg.net/nuendo6](http://www.steinberg.net/nuendo6)



## Known issues and solutions

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### Audio

#### **Exporting Audio (Audio Mixdown) issue – SQ-716**

Please consider that exporting audio may take a long period of time in case the project contains complex tempo changes (tempo track). The application may not be responsive for a 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.

#### **AAF: no audio events when importing into an existing project – SQ-3093**

Importing AAF files referring to MXF audio could cause in no audio clips appearing in the project window. Please use "create new project" when importing the AAF file instead of importing AAF files into an existing project.

#### **Bounce selection and musical mode – SQ-3830**

When you have bounced from range selection, the resulting audio files may run out of sync when enabling musical mode. This is caused by wrong snap point position. Move snap point of all resulting audio files to event start, then enable Musical Mode.

#### **AudioWarp audible artifacts – SQ-3971**

Toggling Cycle on/off shortly before reaching the right locator may produce an audible artifact when using one of the élastique Pro AudioWarp presets. There is currently no workaround except to avoid this or using the Standard algorithms for warping.

#### **Suboptimal sound quality using VariAudio in existing projects**

Loading projects created in prior Cubase versions may result in sub-optimal sound quality. If you encounter degraded sound quality on VariAudio parts, please re-analyze affected parts with a Cubase Version equal or higher than 6.0.4. Please be aware that this will reset all VariAudio edits.

### **Export Multichannel interleaved files – SQ-15139**

Multichannel interleaved files are not compatible with certain third-party applications (for example, Dolby Tools). Use the option "Don't use extensible wave format" in the Audio Export Mixdown window.

### **Export Windows Media Audio from 5.1 bus – SQ-1267**

Windows Media Audio export from 5.1 bus results in unexpected error. The Microsoft codec component doesn't work. A Windows 7 update might fix this problem. Please contact Microsoft for further details.

### **Track Archives: Importing Track Archives via network volumes issue – SQ-5321**

Importing Track Archives via network volumes may result in unresolved media files without notice. Please open the Pool after import and find the media files by using "Find Missing Files..." from the context menu on the affected entries.

### **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 hddisk 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 with having sufficient disk space 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) file format for multichannel imports.

### **Pitch-Shift causes time shift – SQ-13571**

The audio material can be slightly out of sync after applying Pitch Shift using MPEX algorithm. Please adjust the offset of the processed events manually, if accurate sync is needed.

### **Individual record folders: removing record disk – SQ-11045**

Recording audio material might fail or be interrupted if individual track recording folders were used and the record disk (e.g. Firewire Device) has been removed in the meantime. Please make sure to re-assign the track record folder before continuing recording.

## **MIDI**

### **Chord Track – R-6284**

Please note that if tracks are following the Chord Track in voicing mode the pitches of notes cannot be changed manually. Therefore if you change the pitch of a note in the Key Editor, it will immediately snap back to its position according to the voicing. In the VariAudio editor, you can move the pitches on your own but such changes are reverted when other edits are applied.

### **VST Expression: negative track delay and VST Expression events – SQ-19240**

Setting track delay to negative values may render VST Expression events unreliable. Avoid using a negative track delay greater than 250 ms when working with VST Expression events.

## 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 in case you want to continue a Nuendo 4 mix using the Nuendo Surround Panner V5.

### **Large amount of undo data – SQ-3064**

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

### **UAC virtualization only for Nuendo 32bit – 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.

### **Old VST plug-ins – R-2304**

Outdated VST plug-ins may render the application unresponsive. Please use only VST plug-ins which were built with VST SDK 2.4 or higher.

### **Using PowerPC plug-ins on Mac OS X 10.7 / 10.8 systems**

Please note that since the release of Mac OS X 10.7 Apple does not provide the OS component "Rosetta". Therefore PowerPC plug-ins can no longer be used in Nuendo. More details can be found at:

[https://www.steinberg.net/en/support/knowledgebase\\_new/show\\_details/kb\\_show/mac-os-x-snow-leopard-some-older-plug-ins-are-missing](https://www.steinberg.net/en/support/knowledgebase_new/show_details/kb_show/mac-os-x-snow-leopard-some-older-plug-ins-are-missing)

### **Plug-in compatibility with older Nuendo NEK projects**

Some old plug-ins are no longer part of the Nuendo NEK installation namely: HALion ONE, Monologue, Embracer and Tonic.

### **Plug-ins: iLok-protected plug-ins with an invalid license SQ-238**

iLok-protected plug-ins with an invalid license may render the application unstable. Make sure to have valid licenses on your iLok key for these products.

### **Plug-ins: The Roomworks plug-in may become unresponsive – SQ-14840**

The Roomworks plug-in may become unresponsive if extreme parameter values are set. Avoid using min. / max. parameter values for Reverb Time or Room Size.

### **Plug-ins: Some VST Instruments may not produce any sound – R-6054**

Few VST Instruments (e.g. from Native Instruments) may not produce any sound if used with Hermod Tuning (HMT). This happens because HMT uses MicroTuning information for VST 2 plug-ins. Some instruments do not work if MicroTuning is applied to them. Please contact the manufacturer for an update of affected products.

### **Instruments: Dragging audio data from a project into LoopMash – SQ-18606**

Dragging audio data from a project into LoopMash may result in wrong tempo detection, if tempo track data is involved. Cut the desired portion of the audio file and use "Bounce Selection". Then, drag the bounced version into LoopMash.

### **EuCon: Removing multiple outputs at once – SQ-5308**

Removing multiple outputs at once (e.g. by using "Deactivate All Outputs") from a VSTi on the VST Instrument Rack may result in a sluggish update on EuCon remote and Track List. This may be improved in future versions.

## **AAF**

### **Embedded AAF playback – AAF 105**

Embedded AAF files cannot be played back / edited without extracting the archive (media) as it results in a corrupt file on export.

## Other

### **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 level instead.

### **Tracks with “monitor on” are not included in export audio mixdown – SQ-5974**

Please turn the input monitoring off before starting the export.

### **Freeze: MXF or FLAC record file type – SQ-6009**

Please note that freezing audio tracks which contain audio in FLAC (or MXF) format can lead to disc overloads or distorted audio playback.

### **Media Bay folder name – SQ-479**

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

### **Full screen video on Windows XP – SQ-1459**

Please note that on systems with 2 or more graphic cards, full screen video works only on the respective card with main windows monitor assigned. Please consider to upgrade to Windows 7.

### **Cursor/Playback mismatch at Preview – SQ-1597**

Please note that a cursor/playback mismatch can occur at preview when the audio-file has 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 to convert Sound Designer II files in WAV or AIFF format.

**SMPTE Generator doesn't sync accurately – SQ-5735**

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

**CMX3600 EDL incorrect import from Nuendo 5.5 – SQ-5466**

Imported markers from CMX 3600 EDL may show up at wrong timecode positions when the project frame rate is 23.98 fps. If the EDL timecode is 24 fps, the Nuendo project must temporarily set to 24 fps as well during the import.

**User attributes for Marker Tracks are not getting stored in a Track Archive – SQ-5284**

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

**Video Engine: Interlaced video shows only upper fields – SQ-5201**

Nuendo only shows upper fields in interlaced video files, mainly when using a Video Output Card (such as Blackmagic Decklink). Please consider transcoding the video into a progressive format.



### **Wrong MTC send – SQ-5308**

A wrong MTC value is sent if Preroll is used and you start playback at 00:00:00:00 using 29.97 fps. Please set projects with NTSC frame rate to a project start time of 00:00:00:00.

### **Installation on case sensitive filesystems – SQ-17459**

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

### **Importing an AES31 file with overlapping events – SQ-19003**

Imported AES31 files from Wavelab may not show the crossfades. Please activate the “Render crossfades” function in WaveLab.

### **Key Commands umlauts – SQ-18954**

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

### **Memory footprint – SQ-15627**

Please note that the overall memory footprint of Nuendo 6 has been slightly increased. In 32-bit mode, projects which work seamlessly in Nuendo 5.5 may fail in Nuendo 6 due to low memory conditions.

If the system is running out of RAM in 32-bit mode, the application may behave erratically or become instable. This may occur when a memory-intensive instrument, such as a sampler VSTi, is loaded. You can try to reduce memory load by freezing memory-intensive instruments.

Steinberg recommends using the Nuendo 64-bit version for memory intensive projects.

### **MediaBay: OS user account name consisting only of capital letters – SQ-16728**

An OS user account name consisting only of capital letters may lead to issues such as being unable to create Track Presets. To avoid potential MediaBay problems, please do not use OS user account names consisting only of capital letters.

**MediaBay: Volume databases cannot be mounted on Mac OS X – SQ-3982**

Volume databases cannot be mounted on Mac OS X if the drive is formatted with NTFS, respectively volume databases cannot be mounted on PC Windows if the drive is formatted with HFS+. Please make sure to use a file system format which can be read and written on both platforms (for example, FAT-32, although it has a file size limitation of 4 GB) or consider installing third-party software supporting the file system format.

