

readme_EN - Samplitude Pro X8 / Samplitude Pro X8 Suite

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What's new in Samplitude ProX 8 ?

The most important innovations in Samplitude ProX 8 at a glance:

- **Take Lanes:** Comping, i.e. combining sections from different recording takes, no longer takes place in a separate Take Composer window, but directly in the project below the track in the new Take Lanes
- **Marker tracks:** Markers are displayed in their own tracks. The height of the tracks can be freely adjusted so that long marker names are no longer cut off by following markers. The markers can now also be colored, the Marker track head contains buttons for creating, coloring and locking markers.
- Simultaneous export to multiple formats: In the **export dialog**, at Generate, you can now select multiple formats for simultaneous export.
- **AudioWarp:** Warp markers can now be set in audio objects to touch and move the audio, to correct irregularities in a recording, or to change the audio rhythmically.
- Many improvements for working in the project window:
 - New, meaningful mouse pointers for the editing areas in the track
 - Numerically adjustable volume directly at the object
 - optimized display of notes in a MIDI object
 - improved default settings for many display options
 - Color button in the object editor sets the object background color.
- Help and manual have been completely revised and updated
- VST3 plug-in compatibility improvements.

New features and changes in detail

- [SEQ-6605] **Take Lanes** for comping audio recordings
 - Open via button on the left or command Track "Show take lanes" (default shortcut Ctrl+Shift+Enter)
 - Replaces old Take Composer function
 - Take lanes can be shown for just one track
 - Shows all available takes for all objects in a track
 - In Universal mouse mode takes can be copied/activated by single click, drawing a range or dragging borders of used takes
 - this is similar to using the scissor tool in the old Take Composer
 - With grouped objects on several tracks takes are exchanged on all tracks (multi-track comping)
 - If takes are not available on other tracks, they are marked with red background
 - There's an error display in the status bar, if you try to use them
 - Solo button on track head of take lane
 - In Range mouse mode you can use Ctrl + C for copying ranges, e.g. from other time positions (without multi-track handling yet!)
 - [SEQ-7809] Unused take entries are removed now after deleting objects or loading projects from older versions
 - [SEQ-7767] Take Composer menu entries and button removed
 - [SEQ-7736] Tooltips for take lanes added
 - [SEQ-7735] Constant vertical scroll speed - independent of track height
- [SEQ-7040] **AudioWarp** markers
 - Allows stretching of objects audio content (in addition to the project tempo map)
 - Select the Timestretch mouse mode to edit warp markers
 - Click into an object for adding a Warp marker at the cursor position
 - Click and drag an existing Warp marker in the upper half of the object for stretching the object
 - Click and drag an existing Warp marker in the lower half of the object for moving the anchor position of the warp marker
 - Right click on an existing Warp marker to show a context menu
 - The warp markers are stored in the object, not in the object's audio file. Although they are displayed in the object like audio markers they could differ for different objects referring to the same audio file.
 - Copying an object will copy the warp markers, too
 - Warp markers currently require the Musical tempo adjustment option set to active which is done automatically when adding a warp marker
 - Timestretching an object with activated musical adjustment is now possible thanks to the Warp markers
 - Load/save and undo/redo is supported
- [SEQ-7419] **Marker Track**
 - Project markers are now displayed in dedicated track
 - Other markers like CD track indices or Tempo markers still are displayed in the marker bar on top
 - Track is resizable, displaying all markers according to available vertical space for improved overview e.g. with many markers
 - Multi-selection of markers is possible for moving, deleting or color assignment
 - Individual marker colors can be changed via context menu on markers, in marker track head or in marker manager
 - In the track head there are some useful commands e.g. for creating new markers

- [SEQ-7690] Marker lines drawn on top of all tracks when moving markers
- Export
 - Export Dialog
 - [SEQ-7479] + [SEQ-7480] **Multi-format export**
 - Multiple audio formats can now be exported simultaneously
 - In the *Export* dialog, there is now a list of available export formats
 - It is possible to select multiple formats via the corresponding checkboxes
 - [SEQ-7879] For quickly selecting a single export format, double-click the corresponding checkbox
 - Format-specific settings are located next to the format list
 - To select which format setting is currently edited, click the corresponding format name
 - [SEQ-7482] New *Use current project sample rate* option
 - If checked, this will always prevent resampling
 - Useful when working with export presets and the *Export with previous settings* command
 - Batch processing
 - [SEQ-658] Editing of mixer snapshots to add plug-ins and change routing didn't work
 - [SEQ-7374] New resampling quality options for Sox algorithm
 - General
 - 64 Bit only, no 32 bit version anymore
 - [SEQ-7841] New HTML help system, which opens in standard system browser
 - [SEQ-7154] separate **Support** tab in the **About Samplitude...** dialog
 - new main menu entry **Help > Support...** which directly leads to the new **Support** tab
 - Project compatibility warnings
 - [SEQ-7819] when loading current projects in older program versions
 - [SEQ-7771] when opening/saving projects created in older versions
 - [SEQ-6793] Window order in Docker and menu now synchronized with main View menu
 - [SEQ-7599] Several wording changes in English options dialog
 - [SEQ-7616] Adapted default program settings
 - No automatic volume fader mode change for MIDI tracks
 - Soft split for MIDI objects
 - No default assignment of NumLock key for scrubbing
 - Reduced default number of cores for multi CPU handling
 - Knob characteristics same as faders
 - Vertically optimize MIDI-note display
 - Universal mouse mode
 - Spectrogram: Logarithmical scaling
 - [SEQ-7541] Rename "Zoom to selected track(s)" command in some languages (DE)
 - [SEQ-7536] Adjust some wording and positions in view options
 - [SEQ-7603] Toggle Loop mode now has the default short cut [Shift] + [L]
 - [SEQ-7830] Color button in object editor now changes the object background color
 - [SEQ-7828] Use color / palette menu in track manager and object editor
 - [SEQ-7163] Folder picker uses new Windows UI
 - [SEQ-7355] Improved performance for projects containing a lot of automation data
 - Faster saving and loading of projects
 - Faster drawing automation data e.g. at wide zoom levels
 - [SEQ-7526] Faster undo creation by copying only changed track automation curves
 - [SEQ-7677] Some localization changes for creating stereo objects from mono objects
 - Arranger
 - [SEQ-7835] Heights of lanes are also reset when resetting track heights
 - [SEQ-7811] TS/PS mouse mode always allows range editing similar to universal mode now, independent from previous mouse mode
 - [SEQ-7727] Scrolling with mouse wheel is now pixel proportional
 - [SEQ-6421] Alternating track colors now includes selected tracks as well
 - Folder Tracks
 - [SEQ-6567] Track context menu: new Move to folder track functions
 - New in Track and Folder track menu: Duplicate Tracks
 - [SEQ-6846] Control monitoring status of contained tracks
 - If not all contained tracks are monitored, only the border of a folder's monitoring button is shown activated
 - [SEQ-7736] Tooltips for universal mouse mode added
 - only visible in extended tool tips mode
 - [SEQ-7641] Old visual feedback for locked objects via [Factors]OldStyleLockMark=1
 - [SEQ-5651] Updated mouse cursors in arranger, docker, and MIDI editor to better show what mouse dragging will do depending on the area you mouse over
 - Drawing a selection frame
 - Selecting a range
 - Drawing a curve
 - Moving an item
 - Mixer / Object Editor / Plug-ins
 - [SEQ-7863] Allow processing for shortcuts in VST plug-in windows, if shortcut is marked as "global"
 - [SEQ-7741] Object Editor: The "Reset" command for the EQ section now fully removes the EQ116 instance
 - [SEQ-7353] + [SEQ-7657] Mixer: With Sends on fader, the color of a faders shows, whether the send is pre-fader, post-fader, or direct-out
 - This can now be set on the fader via context menu as well (including multiple selection)
 - MIDI
 - [SEQ-3435] Tempo maps are now considered by looped MIDI objects
 - [SEQ-7382] Copying/pasting MIDI with active tempo map works now correctly
 - [SEQ-5429] MIDI arranger notes coloring improved for better contrast with different background colors.
 - [SEQ-6615] The pitch range of a MIDI object displayed in the project window is now only the range actually used by the

contained notes.

- This behavior can be turned off under *View options > Vertical MIDI auto zoom*
- [SEQ-7452] Quantize settings dialog (Toolbar and MIDI editor): Enable "End Q" to quantize note ends
- [SEQ-7484] MIDI objects in project window: Notes of muted objects are colored grey like with single muted notes
- [SEQ-7501] Support for Harmonica and 7 more Music Maker shop instruments
- [SEQ-4500] Performance Issues with Vita Organ - fixed (download new version 2.6)
- EuCon Hardware Controller
 - [SEQ-7420] Suppress error message during startup if EuCon is not installed and EuCon option was set
- Bugfixes
 - [SEQ-7744] The small red focus triangle was not displayed in the track info (track header) if the track was dragged very small. It wasn't always visible on folder tracks either
 - [SEQ-7825] Dialog 'Marker with Name and Number' showed checkbox for audio markers when not recording
 - [SEQ-7800] System option "Create fades for new objects..." had started the VocAlign PlugIn - fixed
 - [SEQ-7245] If ranges were selected, new tracks were inserted in unexpected places
 - [SEQ-7785] There are plugins that produce stuck notes when the noteoff comes in the form of a noteon with velocity 0. This is now converted to NoteOff.
 - [SEQ-7778] MUS file decoding might produce some artifact samples initially
 - [SEQ-7849] Borders for lanes were missing
 - [SEQ-7621] When generating file names from track names not all invalid characters are filtered out
 - [SEQ-7850] Pasting copied tracks overwrites track color and resets aux sends / plug-ins even when the respective options were not selected
 - [SEQ-7822] Missing or wrong shortcuts in object context menu
 - [SEQ-7566] Missing refresh of track record buttons after loading or inserting tracks
 - [SEQ-6862] Avoid crashes with track FX monitoring by restricting economy engine to 16 threads by restricting maximum thread number
 - [SEQ-7700] Export Dialog - Preset Handling: AAC and WMA codec settings were not restored
 - [SEQ-7793] Export Dialog - Multi-format export: several fixes
 - [SEQ-7297] External FX presets did not show their name when loading a VIP using it.
 - [SEQ-7359] Adding a tempo grid position marker during playback in tempo map grid mode added an inactive marker
 - [SEQ-7610] Converting Flac to Wave was very slow
 - [SEQ-7512] After manually copying the project, unfreeze could not find audio files in some cases
 - [SEQ-7265] Link status was not saved in mixer snap shots
 - [SEQ-7363] Broken linked channel offset in Sends on fader mode
 - [SEQ-7823] Crash with trim object
 - [SEQ-7623] Dialog for setting file name (choose file name later) in export dialog did not allow periods (.)
 - [SEQ-7694] Show surround master output devices in mixer (again)
 - [SEQ-7871] Export of tracks with VSTi output, also considering tracks that send MIDI to these VSTis.
 - [SEQ-7479] Fixed 384 kHz MP3 export when exporting in multiple formats
 - [SEQ-7914] Fixed several tooltip inconsistencies (VSTi slot in track editor, toolbar control for nudge object step size, ...)
 - [SEQ-7081] Docker window caption was offset
 - Automation
 - [SEQ-7355] Fix undo acceleration for object automation curves
 - [SEQ-7659] Broken object automation mouse editing inside a range and at the end of an object
 - Recording
 - [SEQ-7439] Punch In while playback - recorded object was longer than wave
 - [SEQ-7342] Record and playback devices had an unexpected reset after using "Record standard output"
 - [SEQ-7570] Unwanted cuts after recording
 - VST Plug-ins
 - [SEQ-4960] [SEQ-6629] Resizing issues with some VST3 plug-ins (iZotope Ozone, HOFA, FabFilter)
 - [SEQ-7601] VST3: no output for plug-in 'The God Particle'
 - [SEQ-5998] Checkbox "Scan user and system VST folders automatically for new plug-ins" is not initialized correctly before the first VST scan of the session
 - [SEQ-7671] When copying certain VST3 plugins between objects in the object editor, the parameter settings were not copied
 - [SEQ-7696] + [SEQ-7772] VST3: general compatibility fixes for window resize and side chain handling
 - [SEQ-7064] VST3: transmitting track color to plug-ins didn't work in some cases (wrong alpha value was used)
 - [SEQ-7899] Missing update of track name in VST3 plug-ins after moving them via drag'n'drop in mixer
 - [SEQ-7576] Wave editing with SoundForge could produce a peak at the end
 - Arranger
 - [SEQ-7624] Docking: Floating project windows are missing the window title update when changes are made
 - [SEQ-7433] Missing redraw of grid lines when scrolling vertically
 - [SEQ-7546] Video flicker in softscroll mode
 - [SEQ-7691] Objects were displayed shifted while scrolling horizontally
 - [SEQ-7487] Broken track head after undo called from menu or history
 - MIDI
 - [SEQ-7597] Crash in MIDI-Editor when using menu command "Split notes at playback cursor position"
 - [SEQ-7567] After double-clicking on a MIDI object, it sometimes took a long time for the MIDI editor to display the content