

Studio One 4 – Version History and Release Notes

This document lists all Studio One 4 maintenance updates and their included fixes and improvements.

Version 4.1.1 Release Notes (October 30, 2018):

New features and Improvements:

- [ATOM] Keyboard mode for Melodic Editor
- [ATOM] Bank button follows bank color
- [ATOM] Added user command assignments to pads 1-8 in Setup mode
- [ATOM] Play button will change from green to light blue when loop is active
- [Impact XT] Multiselect for pads (Shift or CMD)
- [Tempo Track] improvements for "Scale Time" manual tempo mapping
- [Tempo Track] Update timeline in realtime when warping
- Master volume values are shown when slider in transport bar is moved
- Increase grab area for automation lines by one pixel on each side
- "Follow Chords" settings are now remembered when reverting instrument transformation
- Improved spacing in Editor Inspector's chord input display
- Added automatic detection for CME Xkey devices
- Optimized MIDI update rate for Control Surfaces

The following issues have been fixed:

- [Windows 7] Application hanging on launch with nVidia drivers newer than v388.71
- [Windows] Video not displayed on specific hardware
- [Windows] Pen support disabled
- [macOS] System command focus not working in dialog edit field
- [Project Page] Audible pops at song transitions
- [Project Page] Loudness detection post fx broken
- [Browser] Crash on "Merge to Stereo File"
- [Chord Track] Potential crash when playing back song with universal follow mode
- [Chord Track] Dragging chords over existing ones won't reflect changes
- "Follow Chords" creates wrong results when notes are longer than parts

- "Copy to new Scratch Pad" ignores Tempo Track
- Arranger track edits ignore time signature changes
- Incorrect initial send automation on reloading a song
- Freeze on moving Bus Channel
- Added tempo points not snapping to grid
- Timeline jumps when timebase is set to Beat-Linear
- Restore version creates duplicate song version
- Moving first tempo point of Scratch Pad impossible
- In Beat-Linear mode, "Zoom to Loop" scrolls to wrong position
- In Beat-Linear mode, the Waveform disappears on audio event in Scratch Pad
- When "Release Audio device in Background" option is checked, Studio One exits looped region on losing focus
- When "Apply folder track color to content" option is checked, the tracks inside a folder become all grey
- Unexpected bounce results on different dropout protection settings
- [Macro toolbar] Potential crash on clicking "New Page"
- Nebula 4 VST2 plugin not loading
- Soloing a Solo Safe Bus without function
- Control linked channel fader jumps to initial value when assigned to control linked VCA
- [Impact XT] Real time amp decay changes are glitchy
- Audition notes not working when cursor follows edit position
- Reveal precount early note extends to bar 1 when qwerty keyboard is used as input
- Potential crash on undoing track duplications
- Note-on at left locator recorded after loop cycle is placed wrong
- Wrong note length and start position when played at right locator with Offset enabled
- Wrong text color / background color for edit boxes of Arranger Track Inspector items
- Odd behavior when copy/pasting automation point
- Crash when saving song w/ empty Presence
- Certain songs w/ Melodyne 4.2 get stuck at playback
- Some add-ons (Sound Sets, VU-Meter, etc.) missing in Studio One Demo
- Song loses "pin" state after restoring versions
- Split at Grid only splits first few bars with odd tempo
- Unexpected duplication result on event following chord
- Crash on closing song after deleting Scratch Pads

Version 4.1 Release Notes (September 13, 2018):

New features and Improvements:

- Support for PreSonus ATOM Production and Performance Pad Controller
- New Pipeline XT plug-in for routing of external effects
- Extended Note Repeat with keyboard remote
- Tempo Automation
- Beat-linear timeline option
- Improved manual tempo mapping with Scale Time tool
- Tap tempo via keyboard shortcut
- AAF export options (including embedded AAF support)
- Import Song Data from song template
- New “Cue mix mute follows channel” option
- New look for External Device panels and QWERTY Keyboard
- The macro bar now stores the last page viewed per editor
- Select Highest or Lowest notes more accurate when overlapped
- Key command mapping for "Song Setup" dialog
- Tempo map added to rendered click file
- Improved zoom and scroll behavior in Pattern Editor
- [Windows 10] System DPI scaling option for third-party plug-ins
- [Windows] “Enable High DPI Mode” option is back

The following issues have been fixed:

- [macOS Mojave] Scrambled icons in message boxes
- [macOS] Accessibility zoom breaks context menu
- [macOS] Deadlock on clicking main menu bar with system file selector open
- [Windows] Help Viewer doesn't adapt to different monitor DPI
- [Melodyne] Editor not immediately opening on edit
- [Chord Track] Wrong detection inside arpeggios
- [Chord Track] Accidentals not displayed correctly in the pop-up selector
- [Drum Editor] Unwanted double notes when duplicated
- [Drum Editor] Duplicating notes with swing are placed in wrong location
- [Track Inspector] Automation controls background missing
- [Track Inspector] Event FX container doesn't remember size

- [Track Inspector] Automation parameter select-box text is hidden by color field
- [Presence XT] Ping Pong looping issue with short samples
- [Presence XT Editor] Crash on copying zones
- [Impact XT] Amp envelope should be exponential
- [Impact XT] Missing "Cancel" button on initial sample search
- [Impact XT] Pad Names are overwritten while editing (user vs file name)
- Macro toolbar scripting error
- Pitch editing doesn't accept B from keyboard, changes it to A#
- Enabling Note Repeat aftertouch + playing aftertouch causing infinite note
- REX file import issue when song sample rate is different from file
- Playback of stretched audio sometimes incorrect
- Remotes do not generate undo steps for all parameter changes
- Wrong waveform drawing when creating loop range
- Potential crash when opening detached audio editor
- Channel macros lost connection to parameters on Import Song Data
- Steps placement is incorrect when duplicating a Pattern
- Plug-in thumbnail icon not inverted in light theme
- Applying Mute on mouse down causes audible clicks
- Crash on save after removing Multi Instrument
- GUI artifacts while scrolling w/ TAB thru track name fields
- Copying an event from a folder pastes it on a new track
- Song parameters are reset when Time Base is changed to Frames
- Wrong inverted note selection in a duplicated (shared) part
- Wrong automation result after moving arranger section
- "Move" and "Copy" w/ Ripple Edit on the same track deliver different results

Version 4.0.1 Release Notes (July 10, 2018):

New features and Improvements:

- Studio One 4 Prime available
- [Impact XT] Keep MIDI note assignment when using "Clear Pad" or "Clear Bank"
- [Impact XT] "Show in Finder/Explorer" option in pad context menu
- [Sample One XT] Improved backwards compatibility
- [Pattern Editor] Improved Variation selection (clickable area)
- [Pattern Editor] Added tool tips for columns
- [Drum Editor] Note color by pitch reflects pad colors when Impact XT is used
- Improved editors scrolling, zoom and focus behavior
- Ripple Edit now also working in Audio Editor
- Default color for chords
- Light Theme adjustments
- The editors have a minimum size now
- Various user interface design corrections
- Various localization fixes

The following issues have been fixed:

- [Arranger] Song Offset Causes Time Ruler Numbers to Disappear on Zoom
- [Arranger] Transform does not work for Pattern
- [Arranger] Crash in track navigation with shift+arrow key
- [Arranger] Crash on creating an audio track when no input device is selected
- [Arranger] Unable to use up/down arrows to scroll tracks w/ collapsed folders
- [Arranger] Can't drag .musicloop with pattern to audio track
- [Arranger Track] „Don't follow Track“ setting causes errors
- [Arranger Track] Events don't follow correctly on tracks with different time formats
- [Chord Track] Auto-scroll not working when Chord Track is last or only header track
- [Chord Track] Duplicating chord blocks doesn't retain original color
- [Chord Track] Follow Mode not visible in minimum screen resolution
- [Chord Track] Inconsistent behavior when editing chords (Resize adjacent)
- [Drum Editor] "Duplicate" inserts notes at wrong position
- [Impact XT + Sample One XT] Automation orphaned from v3 to v4
- [Impact XT] Follow Tempo produces clicks
- [Impact XT] V3 mono outs 1-8 change to stereo out 9-16 in V4

- [Low Latency Monitoring] Bounce renders empty if Monitor on w/ Ampire
- [Macros] Moving groups sometimes deletes the selected page
- [Macros] Note Length not applied correctly to last chord in a part
- [Macros] Note selection not accurate
- [Melodyne] Detached window opens in wrong size, and sometimes freezes
- [Mixer] Input insert bin - only half of the vertical space is used
- [Mixer] VCA channel is muted after reload song
- [Music Editor] No consecutive X:Y drag actions possible after note insert with arrow tool (double click+hold)
- [Music Editor] No NoteOff generated on first loop cycle for overlapping notes
- [Pattern Editor] Automation Lane Changes on Loop
- [Pattern Editor] Drum Mode automation lane not changing to related pitch on touch input
- [Pattern Editor] VST2 Automation in Pattern shows current value for every note
- [Preferences] "Copy external files when saving song" option ignored on samples dropped on Impact XT & Sample One XT
- [Presence XT] Editor icon picker has no contrast
- [Sample One XT] Free LFO works the other way around
- [Sample One XT] Freezes on exchanging 96K samples while song is playing
- [Sample One XT] issues with S1 v3 presets
- [Sample One XT] Pitch not responding on LFO, Env or pitch-bend when "Follow Song Tempo" is enabled
- [Sample One XT] Wrong Filter parameter states when loading v3 song
- [Scratch Pad] Bar offset is ignored
- [Scratch Pad] Wrong part size when using negative numerical start value
- [Scratch Pad] Possible to extend Part start beyond Scratch Pad causing unexpected length of the Part
- [Scratch Pad] Offset event w/ Melodyne edits not copying to new Scratch Pad
- [Slate Raven] Applying touch automation selects the track instead of writing automation
- [Slate Raven] Crash when removing inserts from the channel editor
- [Slate Raven] Display ID Index Shift
- AAF Audio on single track with automation not imported
- AAF import of certain Samplitude files not working
- Beat offset and Start/End Markers in Song Templates
- Bounces are cut by latency reported by plug-in
- Certain legacy songs won't save
- Context menu latches focus item on mouse down

- Crash on switching presets inside u-he Diva AU
- Crash when switching patterns with different control lane parameters
- Cue Mix section of FX channels cropped
- Duplicate complete omits an automation envelope
- Event Inspector cannot have arbitrary size anymore
- Extension dialog uses multiple font baselines
- Inverted color of fader bar-graph
- Multi instrument size issue
- Qwerty keyboard issue with Record Offset
- Scroll handle disappearing on lists with horizontal and vertical scrollbar
- Shift Root (Alt + Scroll) causes focus on Menu
- Time signature markers can't be deleted
- Transport bar elements hidden (language dependent)
- VST support plugin not connected to Artist flavor
- XML import doesn't work with Cubase 8 demo song

Version 4.0.0 Release Notes (May 22, 2018):

This initial Studio One 4 release adds the following new features and improvements.

Arrangement / Editing

- Chord Track
- Realtime chord re-harmonization of Audio and Instrument Tracks
- Intuitive Chord Selector
- Automatic chord detection
- Realtime chord input from MIDI device
- Song Key Signature with detection
- Chord Transpose
- ARA 2 support
- Expanded “Send to Notion” option for lead sheet creation
- Ripple edit mode
- Relative bar offset for songs
- “Remove gaps” for Events

Virtual Instruments – Impact XT

- new look and feel
- 8 pad banks
- 32 outputs (16 stereo, 16 mono)
- color option for pads
- new 24dB zero-delay feedback filter
- filter drive and punch controls
- filter "soft" (clipping) mode
- pad and individual sample editing
- new stack mode for layering samples on a pad
- realtime time-stretching (follow song tempo)
- trigger quantization
- sample choke with 32 choke groups
- reverse sample playback
- sample level normalization
- increased pitch envelope range (+/- 48 semitones or 8 octaves)
- improved sample navigation
- "Pad Follow" mode for remote navigation
- drag & drop pad swapping
- drag & drop multiple samples at once
- optional auto-slicing on sample import (shift)
- "Send to new Impact" shortcut in audio context menu
- drag & drop sample import from Sample One XT and Presence XT
- import and export of multisample files and ".soundx" containers
- eight user-selectable color themes

Virtual Instruments – Sample One XT

- new look and feel
- record page with live sampling
- samples from any hardware input, send, output, other instrument
- auto-slicing mode creates new samples automatically with adjustable gate
- global and individual (sample) edit modes
- fx section: modulation, delay, reverb, gater, eq, distortion, pan
- expandable keyboard
- realtime time-stretching (follow song tempo)
- sample snap to zero crossing

- sample crossfade
- waveform slicing option
- sample trim option
- sample sustain, release and ping-pong loop modes
- graphical envelopes with adjustable attack, decay, release curve shapes
- increased pitch envelope range (+/- 48 semitones or 8 octaves)
- alternative trigger modes: normal, one-shot, toggle
- visual play cursor in waveform view
- sample reverse playback
- sample level normalization
- new 24dB zero-delay feedback filter
- filter drive and punch controls
- filter "soft" (clipping) mode
- LFO random (sample+hold) mode
- master volume control
- adjustable voice limit
- import and export of multisample files and ".soundx" containers
- drag & drop export to Impact XT
- eight user-selectable color themes

Virtual Instruments – Presence XT Editor

- sample snap to zero crossing
- reverse playback option
- 1,000 choke groups
- ping-pong loop mode
- play-cursor in waveform display

Music Editor

- Drum Editor
- Drum and Melodic Patterns and Variations
- Patterns saved in Musicloop
- Automatic mapping (Impact XT)
- Alternate note coloring schemes
- Sync option for editors
- "Select notes..." options

- New or improved note event options (Humanize, Length, Velocity, Delete Notes)
- Multiple Macro toolbars (page selection)
- Improved multi-editing
- Preserve and restore zoom states

Import / Export

- AAF Import / Export (supports Pro Tools, Logic, Nuendo, Final Cut Pro, Premiere and others)
- Import Song Data

User Interface

- Alternative “light” color scheme
- Additional appearance presets
- Updated mix console design
- Track / Channel Notepads

Content

- New Sound Set “Impact XT Kits and Sounds” (1.8 GB)
- New Demos and Tutorials (1.6 GB)

Other

- External Plug-in scanner (VST2, VST3)
- MP3 Encoding in all versions