

Studio One 5 | What's New?

Live Performance

NEW! Show Page.

Studio One's new Show Page lets you add backing tracks, virtual instruments, and plug-in racks for live musicians all from a single, intuitive interface that can easily receive content directly from any track on the Studio One Song Page. By the time you've finished up your studio session in Studio One, you're already more than halfway done with your stage production.

Arrangement and Editing

NEW! Score Editor.

The new Score View lets you enter, view, and edit notes using standard notation. You can view multiple tracks simultaneously in a single Score View to work on voicing or use Score View to edit one track while using Piano View or Drum View to edit others. The Score View can be detached from the Arranger Window allowing you to view the same note data in different views. A compact symbol set lets you add trills, tremolos, arpeggios and glissandi, accents and staccato in addition to dynamics that affect playback in real-time.

NEW! Clip Gain Envelopes.

Clip Gain Envelopes are the perfect tool for correcting sections of audio that are either too loud or too soft, without adding a compressor or limiter plug-in. Add breakpoints to the Gain Envelope simply by clicking on the curve and dragging the point to your desired location or draw envelopes free-form using the Paint Tool. Changes to the clip gain are instantly reflected in the audio waveform so you have a reliable visual display of the overall level. Clip Gain Envelopes are sample-accurate.

NEW! Keyswitch support, editing, and mapping.

Key Switch Articulations now have their own automation lane in Studio One, so you no longer need to worry about note edits or Note FX screwing up your Key Switches. Create and share custom maps for your virtual instruments and save them as part of Instrument+FX presets for instant recall.

NEW! Poly pressure and MPE support.

Studio One 5 now supports note controllers for more expressive playback of musical performances using virtual instruments and orchestral libraries. Note controllers affect individual notes, in multiple dimensions if needed. This includes support for MIDI Poly Pressure and MPE (MIDI Polyphonic Expression) with compatible MIDI hardware and virtual instruments.

NEW! Melodyne Essential 5 integration.

Melodyne has been part of Studio One since Celemony and PreSonus co-developed the ARA extension in 2011, and the new Melodyne Essential 5 adds vastly improved vocal editing tools, integrated chord detection and a chord grid.

NEW! Timestretch mode: Tape-Resample.

With Tempo set to Timestretch and this new mode selected, the audio tempo and pitch are locked for a natural-sounding, "tape-style" tempo tracking.

NEW! Marker Track Inspector.

New in Version 5, the Marker Track now features a marker list inside the Track Inspector that lets you navigate, rename, add, and delete markers in one convenient location.

Recording and Mixing

The complete suite of Studio One's Native Effect plug-ins have a fresh new look and some amazing new features. All dynamic plug-ins now have a sidechain input. Several plug-ins—including Analog Delay, Rotor and Tricomp—have been updated with a State Space Modeled drive stage for natural analog saturation. ProEQ is now ProEQ², with a new 12th-octave analyzer mode and an additional linear-phase low cut filter. Limiter² is also stacked with new features, including alternative curve and attack modes.

NEW! Extended Mixer Scenes.

Capture your entire console state and recall the entire mixer scenes or selectively recall Volume, Pan, Mute, Inserts, Sends, and more on any or every channel. Mixer Scenes are complete mixer snapshots and can be saved at any time and recalled in their entirety or

just filtered to only include volume, pan, mute, inserts, sends, Cue Mix settings, Input controls, or any combination thereof. Scenes can be recalled globally or limited to selected channels, and are automatically saved with the current song or your favorite song template.

NEW! Aux Channels.

Dust off that TX81Z! Your classic MIDI synths can now be incorporated into your digital productions as easily as virtual instruments. The Aux Channel is a new channel type that allows any external audio source to be fed into the Studio One® mixer without the need to create an audio track that clutters your session. Add external instruments directly from the Studio One Browser using drag-and-drop.

NEW! Independent Listen Bus.

A dedicated Listen Bus adds new flexibility to the Studio One® 5 console. Use the Listen Bus to provide a control room feed, independent of the main output, with its own level control, AFL/PFL solo, and insert slots for your favorite room calibration plug-ins. While active, all soloed signals can be routed to the Listen Bus, while the full mix can still be heard from the main mix output; cue mix sends remain unaffected. A dedicated AFL/PFL option lets you choose between monitoring soloed signals pre- or post-fader (and pan).

NEW! Recording and playback in 64-bit float WAV format.

Studio One now supports recording in 64-bit floating-point WAV format, the recommended recording format for audio interfaces with 32-bit converters. With this format option, the maximum recording and processing precision now reaches 64-bit/384 kHz, making Studio One the highest resolution audio production and mastering software.

New! MTC/MMC Sync.

Studio One can now be slaved to external hardware devices via MIDI Timecode. Sync to external video. MIDI Timecode and MIDI Machine Control can be set independently to any available MIDI source and destination.

Studio One 5 Artist:

Support for VST2/VST3/AU plug-ins, Rewire, and Studio One Remote now included.

Studio One 5 | What's New? Full List

Live Performance

- New Show Page for live performance
- User-definable Setlist
- Backing Track, Virtual Instrument and Real Instrument Players
- Live native effects
- User-assignable global real-time controls (knobs, faders and buttons)
- User-definable playback modes
- Timecode start per setlist item
- Manual and automated Patch recall system
- "Send mix to Show" option
- Dedicated Performance view

Arrangement and Editing

- Clip Gain Envelopes
- Support for key switches and editing in Instrument Parts
- Mapping editor for key switch maps
- New Score View based on Notion
- Playback of score symbols
- Side-by-side editors with independent views
- Support for note controllers in Musical Editor (poly pressure and MPE)
- Link note events to automation option
- Step input for Score Editor
- Improved chord detection from audio
- New Timestretch mode: Tape
- Marker Track Inspector with marker list
- Layer display on track controls
- "No overlap" edit mode
- Set bar offset to cursor option
- Set frame offset to cursor option

Plug-ins and Instruments

- Analog Delay: State Space Modeling Drive stage and improved width control
- Autofilter: State Space Modeling Drive stage
- Beat Delay: improved width control
- Chorus: improved width control
- Compressor: filter for external sidechain input
- Expander: filter for external sidechain input
- Fat Channel: external sidechain input
- Gate: filter for external sidechain input and Threshold control consolidation
- Limiter²: external sidechain input, alternative curve modes, and alternative attack modes (fast, normal, slow)
- Multiband Dynamics: external sidechain input
- Pedalboard: improved Autopan modulation
- Phaser: new "Soft" modulation mode and new "Stereo Spread" control
- ProEQ²:
 - additional phase-linear low-frequency EQ (fixed at 20 Hz, 50 Hz, 80 Hz) with 12 dB / 24 dB modes
 - input meter display
 - new 12th-octave analyzer mode
 - adjustable meter range
 - metering peak hold function for sidechain input
- Rotor: State Space Modeling Drive stage
- Tricomp: State Space Modeling Drive stage, external sidechain input, and alternative attack modes (fast, normal, slow)
- Melodyne 5 Essential included

Workflow

- Mirroring of External Instruments in Browser
- Unified text input: numerical text entry for parameter values
- Unified data exchange (copy-paste and send-to-commands for channels and instruments)

Recording and Mixing

- Extended Mixer Scenes (snapshots)
- New channel type: Aux Channel
- Independent Listen Bus with Solo
- AFL/PFL option for Listen Bus
- Recording and playback in 64-bit float WAV format
- "Auto-expand selected channel" option

User Interface

- Updated Start Page
- Redesigned Native Effects plug-ins with independent light and dark modes
- Custom designed plug-ins (Analog Delay, Chorus, Rotor, Red Light Distortion, Tricomp)
- Optional colored plugin window headers
- Alternative view option for event badges
- Redesigned channel section in Track Inspector

Hardware and Installation

- Custom device support for ROLI
- Aux Channel link option for External Instruments
- MTC/MMC slave sync option to chase external timecode
- Support for poly pressure and MPE
- Cross-platform hardware-accelerated graphics support
- Custom plug-and-play device support for ROLI (Seaboard Block, Seaboard RISE25 / RISE49)

Studio One 5 Artist:

- VST2/VST3/AU plug-in support now included (64-bit only)
- Rewire support now included
- Studio One Remote support now included