

## Cubase SX/SL 3.1 – Complete List of New Features

---

### Mixing

---

Mixing and Monitoring of External Instruments in VST Mixer (SX-only)

Copy/Paste channel settings for multiple selected channels in one go

New Panner Mode: Equal Power

Panner Bypass Function

New Key Command Set for Mixer functions

Command Target filters for Mixer functions

Inspector sub-section for MIDI Tracks routed to a VST Insert Plug-in

### Files and Formats (Import and Export)

---

Extended Search functions in Pool (SX-only)

Exclude Media when exporting Tracks as Track Archive (SX-only)

Select individual Tracks when importing a Track Archive (SX-only)

Support for Steinberg Dolby Digital and DTS encoders (SX-only)

### Recording and playback

---

Smart controller reset after recording

Recovery of audio recordings after system failure

New precount options, sensitive to tempo and time signature changes

Optional Sample-Rate Conversion when importing Tracks

### Editing

---

Freeze Function for External Instruments and FX (SX-only)

Glue multiple parts with single mouse-click

Glue all following parts on selected track

New Crosshair-Cursor option

Process Bars in Tempo Track

Duplicate Track option

Freeze MIDI Track Play Parameters

Optimize Display when dissolving Parts

Apply Legato to selected notes only

Select equal Pitch > all Octaves/same Octave for all Positions

Transpose for single or multiple Audio Events via Info Line

### Project/General

---

New "External Instruments" options in VST Connections (SX-only)

External Instruments added to VST Instrument Rack (SX-only)

Associated External Instruments Track Inspector added to MIDI Track Inspector

Associated Audio Track Inspector added to MIDI track inspector routed to VST Insert Plug-in

External FX/Instruments Favorites (SX-only)

Advanced CPU-saving scrubbing mode (SX-only)

New Appearance options: Brightness, Contrast and Saturation

Sophisticated user-definable level meter coloring (SX-only)

Automatic Track Coloring

Incremental Auto-Save

Track Folding: Toggle Selected Track

Track Folding: Fold/Unfold Tracks

Track Folding: Flip Fold States

Resize Tracks without selecting

OSX Performance Optimization: integrated support for MacOSX Quartz 2D graphics system

Additional Processor Optimization: support for DualCore and Multi-Processor PC systems (systems with more than two processors)

Safe Recovery of corrupt projects after system failure

### MIDI & Music

---

MIDI Output Delay Compensation for External Instruments (SX-only)

Associate MIDI Device to External FX (SX-only)

Associate MIDI Device to External Instruments (SX-only)

Option to convert MIDI Controller Lane volume data to Track Automation volume data

### Studio Connections

---

Studio Connections Audio Integration (SX-only)

### Remote

---

Access Mixer Device Panels (user Panels) from Hardware Remote Controllers (SX-only, for Houston, Mackie Control/HUI, Yamaha DMxxxx series, 02r96/01v96, Radical SAC2K und CM Motormix)

### Various

---

Preferences: Redesigned Appearance settings panel

New preference: Use Up/Down Navigation Commands for selecting Tracks only

New Preference: Default Track Time Type (Audio and MIDI)

New Preference: Auto Track Color Mode

New Preference: Sync Project and Mixer Selection

New Preference: Deep Track Folding

New Preference: Enlarge Selected Track

New Preference: Select Channel/Track on Solo

New Preference: Select Channel/Track on Edit Setting

New Preference: Maximum Backup Files

New Preference: Insert Reset Events after Record

New Preference: Chase Events – Chase not limited to Part Boundaries

New Preference: Option to export warnings as text file

New Preference: Warn on Processing Overloads

New Preference: global Tail value for External Instruments and FX (SX-only)

New Preference: Map Input Bus Metering to Audio Track (in Direct Monitoring)

Single Key command to open and close Pool Window

New Key Command to open Device for selected Track

Appearance: User-definable intensity for active drum lane

New Key Command to toggle status of "Select Channel/Track on Edit Settings"