



The Cubase experience: finest tools for artists

In 1984, Steinberg was founded on an ideal: to help artists to make music in ways that put their creativity first, and using technology that almost anyone could afford. Since then, Steinberg has developed some of the most successful music products and technologies including Cubase, the world's most popular software for composing, recording and mixing music.

Building on 25 years of experience in music technology, Cubase yet again sets new standards in usability, creativity and sheer functional depth. Our motivation is to produce the most intuitive and advanced music production software in the world, in a way that best supports the most important aspect of artistic endeavor: creativity.



Defining industry standards for 25 years

Since the foundation of the company in 1984, Steinberg has constantly pushed back the boundaries of what is possible in digital audio. The advanced technologies included in Cubase offer flexible, cost-effective and intuitive ways of realizing the artists full creative and professional potential. Steinberg's experience in developing highly performing cross-platform applications gives Mac and Windows PC users the option to enjoy Cubase on the hardware of choice.



VST3: the latest version of Steinberg's industry standard Virtual Studio Technology

The leading Virtual Studio Technology (VST) standard, developed by Steinberg, creates a full, professional studio environment on your PC or Mac and allows the seamless integration of virtual effect processors and instruments right into your sequencing software. The revolutionary VST standard recently reached a new stage with the release of VST3, a groundbreaking new version with a host of new capabilities, including side-chaining, dynamic I/O management and enhanced CPU efficiency.



VST Sound: Steinberg's universal media management format

Steinberg's universal media management format — VST Sound — is a fundamental part of VST3, the latest version of Steinberg's industry standard Virtual Studio Technology.

By supporting VST Sound, plug-ins and instruments from third-party manufacturers can be directly integrated into MediaBay — the media management system used in Steinberg's host applications. This integration makes the entire process of finding and working with any form of media file including audio, loops, VSTi presets, videos, MIDI parts and Track Presets, much faster and simpler.



ASIO: Steinberg's low-latency, high-performance audio standard

The Audio Stream Input/Output (ASIO) architecture forms the backbone of VST. ASIO addresses any needs a professional audio recording solution might have. It does this by supporting variable bit depths and sample rates, multi-channel operation and synchronization. As a result, the user gets low latency, high performance, easy set up and stable audio recording within VST.

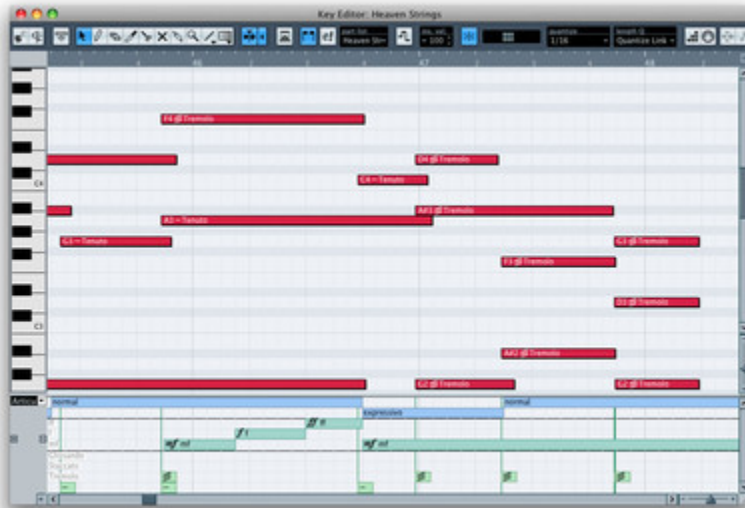
The entire system becomes controllable and offers complete and immediate access to the audio system's capabilities. Since its introduction, ASIO has become a supported standard by many leading audio hardware manufacturers — for good reason.

Intuitive music notation and professional MIDI sequencing has never been easier

Cubase Studio 5 includes a highly intuitive MIDI sequencer. Based on 25 years of experience in developing easy-to-use editing and powerful composing features, Cubase once again sets a milestone with version 5. The strengths of the Cubase MIDI environment lie not only in the sheer depth of its capabilities, because it has been designed from the ground up to be accessible, easy to work with and effortlessly intuitive.

Key Editor

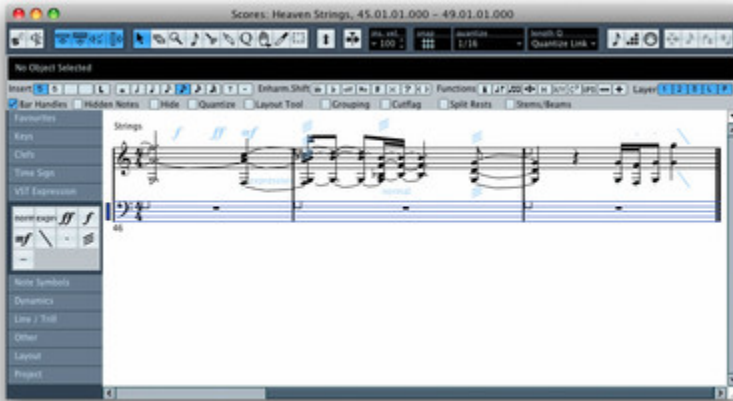
The Key Editor is a breathtakingly powerful yet transparent where melodies, chords, arrangements and performances take shape, and where ideas are sketched out, developed and taken to their full potential. Entering, cutting, moving and transposing individual notes or whole chords, editing any of the hundreds of MIDI parameters available or reworking even the most subtle nuances of a MIDI performance are just some of the tasks for which the Key Editor has been developed and refined continuously by Steinberg for over two decades. With the In-place Editing function, you can also process MIDI parts directly in the Project Window in context with other tracks.



Score Editor

The Score Editor is a full notation environment completely integrated within Cubase and lets you view your music in the form of scores, with full support for just about all symbol, display and editing options that this entails. With support for lyrics and remarks as well as drum notes, guitar tablature and lead sheets, the Cubase Score Editor includes hundreds of professional notation symbols: simply select the tools needed to create fully professional score layouts for others including soloists, orchestras and choirs.

Thanks to the full Music XML Import/Export support, even exchanging scores with other notation packages is only a matter of seconds. Adding to the stunning MIDI Meaning feature, the new VST Expression's capability has been engineered to offer a new level of speed and intuitiveness when working with large sample libraries by introducing dynamic support for articulations and expressive notation that is automatically interpreted by a VST instrument. Cubase Studio 5 features an unparalleled combination of a fully featured composition, recording and mixing environment with comprehensive scoring features — ideal for composers.



Drum Editor

The Drum Editor is a highly intuitive yet powerful window for constructing and reworking beats, rhythms and grooves as well as creating individual drum maps for every employed instrument, offering a plethora of features to let you come up with the perfect rhythm for your song or production.

List Editor

The List Editor is a powerful MIDI editing tool that gives fast access to every single aspect of a MIDI note and can be a huge timesaver in complex projects.

MIDI plug-ins

To inspire you even further, Cubase includes a huge set of MIDI plug-ins that take your composition to the next level, with their vast array of additional tools to manipulate MIDI information in your project. The MIDI plug-ins include creative tools such as the new drum step sequencer Beat Designer, a powerful Arpeggiator, a MIDI pattern sequencer and a MIDI chord processor, as well as functional plug-ins such as a MIDI compressor for equalizing velocity variance and a Context Gate for selective MIDI data triggering/filtering. If you're already a Cubase owner, you'll be excited to find that all MIDI plug-ins in Cubase Studio 5 have a redesigned user interface. Additionally, several plug-ins offer minor enhancements over previous versions in Cubase Studio 5, such as Chorder with its Learn function.

VST Expression

With Cubase Studio 5, Steinberg has innovated even further to offer even more creative compositional tools. The new VST Expression feature revolutionizes working with instrument articulations. VST Expression allows seamless, transparent and most importantly integrated editing of articulations, with full control over multiple articulations in the Key and Score Editors. Articulations noted in the Score Editor can be played back immediately by sample-based orchestra libraries — in real time.

Virtual keyboard

The new virtual MIDI keyboard allows you to play and record notes by using the computer mouse or the keyboard — ideal for composing when on the go.

MIDI Monitor

The new MIDI Monitor plug-in can analyse incoming and played-back MIDI events from the host in real time for full transparency of MIDI information being recorded. Event type filters ease displaying and finding MIDI data, which can be exported to a file.

The fifth generation of powerful tools for recording and editing: Cubase Studio 5

Steinberg's wealth of engineering experience in digital audio stretching back over two decades provides the basis for a new generation of capabilities for recording and editing in Cubase Studio 5. With its emphasis not only on technology and precision but also on user friendliness, usability and ergonomics, Cubase Studio 5 provides you all the tools you need to record and edit with peerless precision and speed. At the same time, Cubase Studio 5 is even easier to use than ever before.

Next-generation audio engine

The award-winning Cubase audio engine delivers a crystal-clear 32-bit floating-point resolution and 96 kHz sample rate, with a pristine sound quality that is the hallmark of the Cubase Studio 5 music production experience. Steinberg's VST3 standard is also supported by Cubase Studio 5, with many additional features including dynamic I/O assignment for plug-ins that automatically adapts to the track or mixer channel the plug-in is inserted on. Cubase Studio 5 also offers many recording features such as Retrospective Record, which means that no take ever gets lost because record mode wasn't engaged in time.

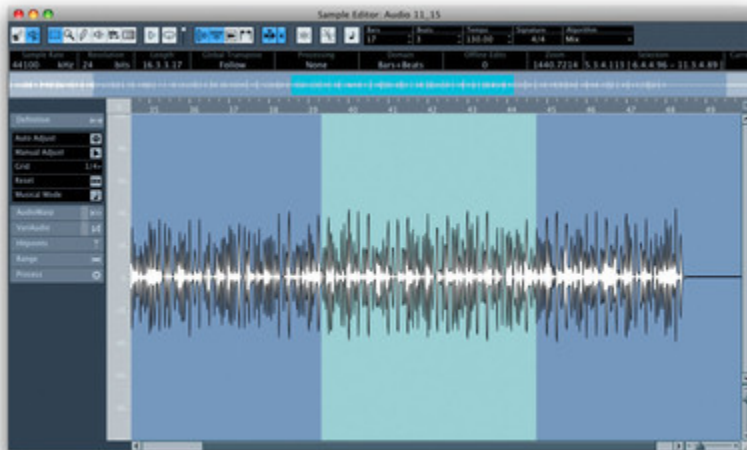
Convenient recording

Cubase Studio 5 also offers convenient recording capabilities. The intuitive user interface supports even the largest recording rigs, with easy-to-use folders, customizable track views and custom color schemes for tracks that differentiate track types at a glance. Handling inputs and outputs in Cubase is effortless: the VST Connections window allows you to not only set up custom I/O setups and customize port names but also switch between different I/O setups on the fly.

A huge range of additional functions engineered to accelerate recording workflows are also included in the latest version of Cubase. When preparing to record large sessions with high track counts, the new Arm/Disarm All Audio Tracks function speeds up handling of large recording setups. To prevent accidentally disabling the record button when recording, the new Lock Record function can be set using a key command. And the new Remaining Record Time display keeps you up to date on how much recording space you've got left on your system, letting you keep a watchful eye over valuable hard drive space and helping you plan your recording session accordingly.

Sample Editor

The Cubase Sample Editor allows you almost limitless creative freedom while editing audio. A full editing toolset offers a huge range of functions that not only cover common editing tasks right down to the sample level. The Cubase Studio 5 loop functions are a boon for anyone using loops in their project, including fully automatic Hitpoint recognition and the extensive yet intuitive Audio Warp tools.



Whether you want to adapt drum loops to the song tempo or transpose and time-stretch instruments, apply any of the myriad audio processes or the included next-generation VST3 plug-ins. Editing audio material is a non-destructive operation — all edits are stored in the Task List and can be undone at any time. In addition, an offline process history lets you remove, replace and edit every effect added to an audio file in the course of processing. Cubase Studio 5 is the complete production environment for fast, intuitive and qualitatively outstanding audio tools that allow you to manipulate audio in almost any way imaginable.

Polish your mix with the most advanced mixing engine available

The 32-bit floating-point mixing engine in Cubase Studio 5 has been engineered to deliver so much more than sumptuous smoothness and depth to your mixes. For a smooth yet powerful mixing workflow that supports your creative artistry, you also need high levels of configurability and flexibility to adapt all those powerful tools to your individual workflow.

Freely configurable

Three freely configurable mixer views allow you to show specific combinations of channels, channel types and zoom — guaranteeing full control over your session. The unique Track Presets system lets you store, recall and archive your track settings for just about any audio track or VST instrument for almost instant recall through the MediaBay.



Fully equipped professional mixer

And with 128 physical inputs and outputs, 8 inserts per Channel, 64 FX sends as well as 256 groups/busses and unlimited routing between audio channels, busses, groups and FX returns mean that Cubase Studio 5 is fully equipped for even the most complex recording setup. And even in the largest projects, the system-wide automatic latency compensation synchronizes all audio streams in your system automatically.



Full automation

The new automation handling in Cubase Studio 5 provides a dedicated automation panel for quick access to all automation functions. The enhanced transparency and flexibility provides professionals with the capability to set up a complete automation within minutes and control the session clearly.

Free routing

Cubase Studio 5 gives you complete freedom when routing audio in your project. The routing capabilities allow totally unlimited routing between group channels regardless of their order, and supports sending from groups to FX returns as well as from FX returns into group channels. For even more flexibility, audio tracks cannot only send signals into groups and FX returns with help of the pre fader sends, but also patch signals post fader from the output tab to group channels and FX returns.

Sidechain input for VST3 plug-ins

Sidechain inputs are available on most VST3 plug-ins included with Cubase Studio 5. Thanks to the “free routing” architecture virtually any signal in the VST mixer can be used as a sidechain input signal. Sidechain is a crucial function for audio-controlled effects such as ducking (compression controlled by an audio source). Sidechain control functions are pre-defined for each supported plug-in: sidechain signals on dynamics plug-ins like compressors control the signal gain, modulation effects have LFO control. The amount of the effect can be precisely controlled.

Export almost any audio file type

And once your mix is ready, you're able to export in almost all standard formats such as AIFF, Sound Designer II, Wave, Wave 64, Broadcast Wave, MP3 and MP3 surround and Windows Media Audio Pro.

A system so much more than the sum of it parts

Designed especially for Cubase by Steinberg and Yamaha, and precision-manufactured by Yamaha to the most exacting standards, the MR816 CSX, MR816 X Advanced Integration DSP Studio and the CC121 Advanced Integration Controller combined with Cubase 5 provide an all-round system solution of unparalleled flexibility and power.

MR816 CSX and MR816 X Advanced Integration DSP Studio

With the MR816 CSX/X FireWire interfaces and Cubase Studio 5 you will experience a new level of integration that is in terms of ease-of-use way ahead of the competition and demonstrates how the control of hardware can be seamlessly integrated into a DAW.



- True Integrated Monitoring
- Complete Cubase user interface integration throughout
- DSP Power for Cubase
- Quick Connect and Integration

CC121 Advanced Integration Controller

Steinberg's CC121 Advanced Integration Controller is a remote control device that was specifically designed for production environments using Cubase. CC121 provides totally integrated tactile control of all parameters within Cubase, with a unique design architecture that keeps you 100% focused on your Cubase project.



- Full precision control with the revolutionary AI Knob: controls any Cubase program parameter and any Cubase integrated FX and VSTi setting
- Dedicated Cubase controls for the most important functions including a 100mm touch-sensitive motorized fader
- Full Cubase EQ section in hardware including Q-factor, Frequency and Gain as well as EQ Type selector switch and Bypass button

Excellent support of Yamaha hardware

Cubase Studio 5 offers seamless integration of selected Yamaha hardware such as keyboards, synthesizers and mixers.

Yamaha MOTIF-RACK XS / MOTIF XS6/7/8

The Yamaha MOTIF XS is automatically detected and configured if connected via IEEE 1394 and immediately ready to use as an external VST3 instrument, including all the corresponding audio and MIDI channels directly in the Cubase environment!



Any voices and multi data from the MOTIF XS can be saved and loaded directly to and from Cubase MediaBay. Search, find, preview, load and play all MOTIF Voices with the content focused tools in the MediaBay*.

** Requires MOTIF XS VST3 Editor available from the Yamaha support pages*

Yamaha KX25/KX49/KX61/KX8 USB keyboard



The support for the KX series includes direct control of the Cubase Track Quick Controls. This way the most important parameters of any Cubase track, are always present on the KX hardware knobs. It's also possible to very quickly browse through the MediaBay remotely and select a sound by just clicking a button on your KX keyboard!

n-series Digital Mixing Studio (n12 and n8)

AI functions of the n-series include Cubase transport control, Dry/Wet monitoring with or without VST effect plug-ins, automatic setup with Cubase including driver, remote settings, I/O configuration, automatic Recording Setup for multi-channel recording, Work modes for flexible switching of routing within Cubase.

Integration of third-party studio hardware

Audio interfaces

Cubase Studio 5 runs on nearly every audio interface available on the market, including all ASIO- and CoreAudio-compatible audio hardware, ready for immediate use. Interfaces are available in every price class and with the most diverse analog and digital I/O options, Cubase

Studio 5 allows you to configure the setup that meets your individual needs and best suits your working environment.

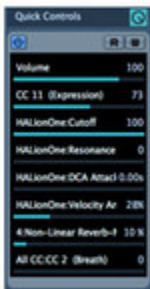
MIDI device panels

MIDI device maps/panels afford direct access to external MIDI hardware via freely definable graphical knobs. Pre-programmed panels are available for many devices and can be imported directly. Using an editor offering an extensive tool set, you can create individual control panels — even in the Track Inspector and the mixer channel strip.

Remote controller

Cubase Studio 5 supports numerous external hardware controllers that let you control the VST Mixer remotely. Many reputable vendors' controllers are supported directly, and you can opt to use these if you wish. Alternatively, you can set up any other MIDI device equipped with the appropriate knobs as a generic controller and use it to operate the Mixer and adjust the parameters of VST instruments and effect plug-ins.

Track Quick Controls



This set of eight user-definable real-time controllers gives ultra-fast access to any parameter available on the current track. The Track Quick Controls develop their full potential when used in combination with a remote controller. Setup is easy thanks to a handy MIDI learn function. Once assigned, remote control knobs or fader functions will follow the track selection.