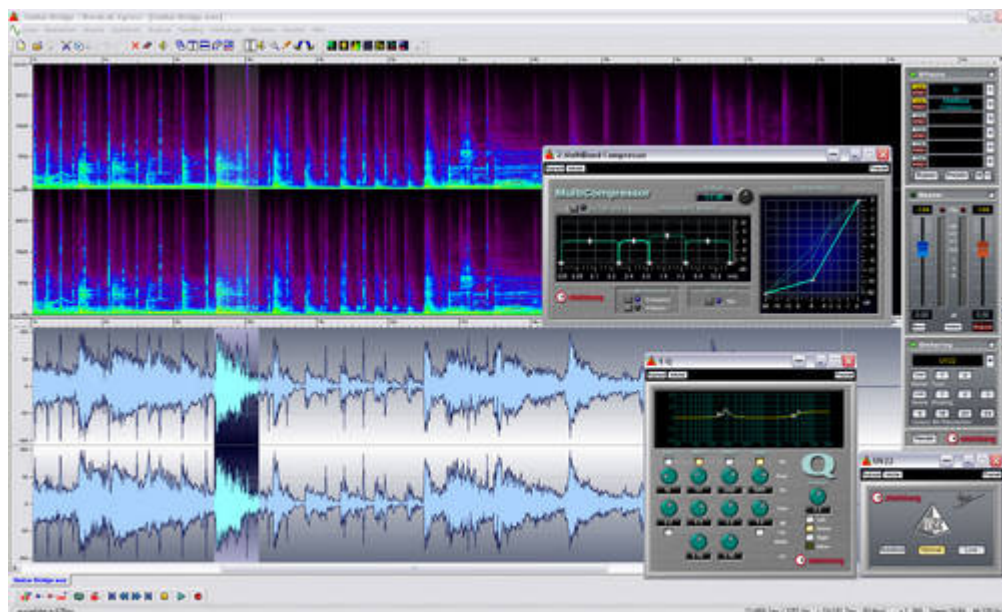


## WaveLab Studio 6 - Audio Editing and Mastering Suite

WaveLab Studio 6 combines state-of-the-art audio technology from the award-winning WaveLab 6 with a streamlined workflow and a full complement of editing and mastering features targeted at project studios and aspiring musicians. It includes the same sample accurate 32-bit audio engine and a wide range of advanced tools with the pristine audio quality originally engineered for top mastering and editing professionals in WaveLab 6. The Studio version provides many of its next-generation features and capabilities to make it one of the world's best editing and mastering solutions in its price range.

- Sample accurate audio editor with crystal clear audio processing at up to 192 kHz and 32 bit floating point resolution
- Stereo and multi-channel non-destructive editing with versatile clip grouping over multiple lanes
- Video track for sample accurate alignment of audio and video
- Powerful real-time engine with integration of clip-based, track-based and global effect plug-ins
- Superior audio processors including DIRAC time stretch and pitch shift algorithms
- State-of-the-art audio plug-ins for EQ, Resampling, Declicking, Denoising and many more
- Redbook compatible PQ editing including Audio-in-Pause, CD-Text and track sheet export
- Extended audio file handling and manipulation system including files sizes > 2 GB
- Sonogram-style Spectrum View for quick overview of the frequency structure of the audio file with simultaneous aligned use of Wave- and Spectrum View
- Extremely versatile batch processing and scripting features



### Environment

WaveLab Studio 6 offers you a very flexible environment with user customizable settings for appearance and window control. Customized window layouts can be saved and restored. For quick access to often-used functions and parameters, WaveLab Studio 6 offers a vast set of key commands. The main window can be divided in two independent panes for overview and editing with spectrum and waveform view. Upper and lower panes can be synchronized. The mouse wheel can be used to control the Master Section faders of for scrolling the time line.

### File management

WaveLab Studio 6 includes a range of features to make file handling quick and efficient. Read and write processes for audio files are extraordinarily efficient, while support for w64 and RIFF 64 formats mean that there are practically no limitations on file size that can be handled by WaveLab Studio 6. A favourites list gives lightning fast access to files that are used most often. The often arduous task of renaming multiple files at once is handled by the handy batch processing functions, including file name prefixes and suffixes.

### Audio Montage

#### Non-destructive Editing

The Audio Montage is the heart of the non-destructive, real-time editing processes in WaveLab Studio 6. All editing tasks and actions are either processed in real-time or rendered into the audio material. The powerful Audio Montage environment supports not only several audio tracks but also a video track for audio-to-video editing.



## Flexible Clip Handling

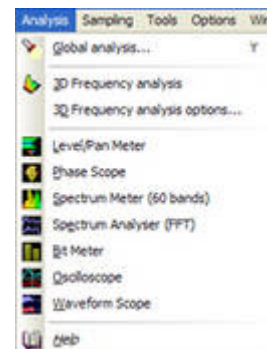
Audio files in the Audio Montage are shown as so-called clips. Each clip is actually merely a window on either a part or the entire length of an audio file. The selection can be enlarged, reduced or just moved over the audio material (known as sliding). The advanced Crossfade handling in the Audio Montage includes freely movable crossfade handles and symmetric resizing to come up with the perfect crossfade. Grouping of clips in a montage provides an easy way to edit fades for multiple clips across tracks.

## Montage Processing

In addition to the effect processing over the entire montage in the Master Section described below, the Audio Montage offers flexible processing based on tracks or clips. Up to 2 VST or DirectX effect plug-ins can be applied on both tracks and clips, producing an extremely flexible processing matrix. Up to 6 plug-ins can be used globally on any Montage. And because only clips that are actually being played are processed with the corresponding plug-ins, the plug-in processing also makes highly efficient use of the computer's CPU resources.

## Audio Analysis

Detailed information about the audio material and its properties is absolutely essential to almost any audio editing and mastering task. WaveLab Studio 6 offers a huge range of analysis tools displaying in crystal clarity almost any conceivable aspect of the audio material. A huge set of resizable displays include level and phase information, spectral analysis, a bit meter, oscilloscope and waveform scope. Waveform displays offer sample-accurate display of audio material, while the global analysis tools provide information on peaks, loudness, pitch and clipping, and draw the editor's attention to glitches and other aberrations.



## Master Section

The Master Section offers important monitoring functions like the level meter, global bypass switch, Mono button and Dropout indicator. 6 slots for VST and DirectX plug-ins are also available in the Master Section, as are top-grade dithering and noise shaping algorithms, such as Apogee's UV22. Plug-in presets allow easy recalling of your favourite combinations of plug-ins and settings, while the Render function, the finished master is only one click away.

## Plug-ins

WaveLab Studio 6 includes a complete suite of sophisticated audio plug-ins such as hi-end EQ, Multiband Compressor, Dynamics and Reverb. The DeNoiser and DeClicker plug-ins are excellent realtime tools for audio restoration while Crystal Resampler is professional sample rate converter providing exceptional transparency and preservation of the frequency content up to 192 kHz.

## Feature Comparison

### Supported Standards

Feature	WaveLab 6	WaveLab Studio 6
VST Plug-ins	yes	yes
DirectX Plug-ins	yes	yes
ASIO	yes	yes
File formats	wav, aiff, w64, RIFF 64, mp3, mp2, ogg, au, snd, ivc, osq, SDII, QT, MPEG, WMA, avi	wav, aiff, w64, RIFF64, mp3, mp2, ogg, au, snd, osq, SDII, MPEG, WMA, avi
File format Plug-in support	yes	yes
BWF	yes	yes
Import Special audio file	yes	yes
MP3	yes	yes
16-24 bit	yes	yes
32 bit float	yes	yes
Maximum file size	No limit (RIFF 64, w64)	No limit (RIFF 64, w64)
Maximum sample rate	384 kHz	192 kHz
Outputs	8 (Audio Montage)	2

## Editing Environment

Feature	WaveLab 6	WaveLab Studio 6
Unlimited Undo/Redo in editors	yes	yes
Audio Markers	Generic, Temporary, Region, Loop, CD, Mute, Playback Start	Generic, Temporary, Region, Loop, CD, Mute, Playback Start
Marker type converter	yes	no
Audio selection editor	yes	yes
Spectrum editing	yes	no
Sonogram	yes	yes
Scripting	yes	yes
Save files in background	yes	no
Can run multiple instances	yes	no

## Master Section

Feature	WaveLab 6	WaveLab Studio 6
Number of Slots	8	6
PlugIn Organizer	yes	yes
Dithering	internal + external	internal + external
Presets	yes	yes
Crossfade around Rendering	yes	yes
Preset per file	yes	yes
Smart Bypass	yes	no
Re-rendering of multiple regions	yes	no

## Audio Montage

Feature	WaveLab 6	WaveLab Studio 6
Feature set	Full	Medium
Output channels	8	2
Max effects per clip/track	10	2
Audio tracks	No limit	8
Video tracks	No limit	1
Text tracks	yes	no
XML import/export	yes	no
AES-31 import/export	yes	no
Batch processing	yes	no

## CD /DVD Support

Feature	WaveLab 6	WaveLab Studio 6
Audio CD extraction	Full	Standard
Audio CD burning	Full	Full
Data + mixed mode cd burning	yes	yes
Integrated CD label creator	yes	yes
Professional CD report	yes	yes
Compare Audio CD images	yes	no
Import CD image	yes	yes
Basic Audio CD	yes	no
DVD-Audio creation	yes	no

## Tools

Feature	WaveLab 6	WaveLab Studio 6
Batch processing	Full	Full
Audio looping tools	yes	yes
Automated audio cutting system	yes	Simplified
High precision signal generator	yes	yes
DTMF generator	yes	yes
Batch renaming tools	yes	no
Hardware sampler support	yes	no
Intergrated backup system	yes	no
Audio database	yes	no

## Audio Analysis

Feature	WaveLab 6	WaveLab Studio 6
3D Spectrum view	yes	yes
Global offline audio analysis	yes	yes
Audio file comparer	yes	no
Loudness distribution	yes	no
Level meter	yes	yes
Spectrum meter	yes	yes
Oscilloscope	yes	yes
FFT Meter	yes	yes
Phase scope	yes	yes
Bit meter	yes	yes
Waveform scope	yes	yes
Monitor playback	yes	yes
Monitor input	yes	no
Monitor rendering	yes	no
Monitor selection	yes	no
Monitor cursor	yes	no
Katz metering	yes	no

## User Interface

Feature	WaveLab 6	WaveLab Studio 6
Last used files	200	20
Screen sets	yes	yes
Custom key commands	yes	yes
Plug-in organizer	yes	yes
MIDI command support	yes	no
Auto waveform coloring	yes	yes
Workspace save/load	yes	no

**Offline Processors**

<b>Feature</b>	<b>WaveLab 6</b>	<b>WaveLab Studio 6</b>
Time stretching / pitch shifting	DIRAC	DIRAC (1 mode)
Instant channel switching	yes	yes
Change level	yes	yes
Level normalizer	yes	yes
Dynamics	yes	yes
Level envelope	yes	yes
Fade	yes	yes
Crossfade	yes	yes
Invert phase	yes	yes
Reverse	yes	yes
Eliminate DC offset	yes	yes
Harmonize	yes	yes
Hi-fi chorus	yes	yes
EQ	yes	yes
Covert sample rate	yes	yes
Pitch bend	yes	yes
Waveform restorer	yes	yes
Smooth delete	yes	yes
Advanced insert silence	yes	no
Pitch quantize	yes	no
Error detection and correction	yes	no
Effect morphing	yes	no
Loudness normalizer	yes	yes
Pan normalizer	yes	no

**Real-time audio plug-ins**

<b>Feature</b>	<b>WaveLab 6</b>	<b>WaveLab Studio 6</b>
Crystal Resampler	4 qualities	3 qualities
PeakMaster	yes	yes
NaturalVerb	yes	yes
AutoPanner	yes	yes
Chorus	yes	yes
Echo	yes	yes
Stereo Expander	yes	yes
Puncher	yes	yes
Noise Gate	yes	yes
Leveler	yes	yes
VoiceAttenuator	yes	yes
EQ-1	yes	yes
VSTDynamics	yes	yes
ToolsOne	yes	yes
Spectarlizer	yes	yes
Internal Dither	yes	yes
Clean Comp	yes	yes
Silence	yes	yes
UV22 HR	yes	no
Denoiser	yes	yes
Decklicker	yes	yes
Q	yes	yes
Multiband Compressor	yes	yes
Ducker	yes	yes

Externalizer	yes	no
Resampler 192	yes	no
Audio Input plug-in	yes	no
UV22	yes	no
External gear plug-in	yes	no

### Playback / Record

Feature	WaveLab 6	WaveLab Studio 6
Wave scrolling on play	yes	yes
Transport command set	full	full
Recording functionality	full	full
Playback variable speed	yes	yes
Jog and shuttle	yes	yes
Time display window	yes	yes
ASIO/MTC synchro	yes	MTC
ASIO instant switching	yes	no

### Minimum System Requirements

The minimum system requirements state the minimal specification your computer must have to be able to use the software. A more powerful system may be required for certain tasks or larger projects.

- Windows 2000, Windows XP Home or XP Professional
- Intel / AMD Prozessor 800 MHz minimum
- 256 MB RAM
- 80 MB of free disk space
- CD or DVD drive required for installation
- Windows MME compatible audio hardware is required USB port required for Steinberg Key (copy protection device)\*
- Internet connection required for license activation

\*The Steinberg Key (USB copy protection device) required to run this product is only available in the full version. Customers who are upgrading or updating from another version or product and who do not own a Steinberg Key must purchase one separately. The same Steinberg Key copy protection device is then used for all Steinberg products that require it.