

Wavelab Essential 6 – Audio Editing, CD / DVD Burning And Podcast Publishing

Product Summary

WaveLab Essential 6 offers a high-value suite of audio editing tools tailored to the needs of musicians, smaller recording environments and podcast authors. Introducing a new level of functionality at a very low price point, WaveLab Essential 6 provides a full complement of streamlined editing and CD/DVD burning capabilities. The integrated podcast tools combine professional editing, restoration and mastering capabilities with full internet audio publishing features, creating a unique one-stop application for recording, editing, CD burning right through to online publication via podcast, perfectly suited for Sequel and Cubase users.

The sample-accurate 32-bit/96 kHz audio engine in WaveLab Essential 6 combines a set of quality virtual effect processors and fully Red Book-compatible CD burning engine to provide everything needed produce professional CD masters. The CD montage supports clip-based effects and clip-grouping for creative processing of audio before burning. The integrated Video track even allows editing of music and spoken audio to video, ideal for creating audio for home videos.

Utilizing professional technologies from Steinberg's industry-standard WaveLab 6 application, WaveLab Essential 6 provides an instantly accessible CD burning, audio editing and podcast publishing toolbox unique at its price.

Top 7 Features

- Podcast creation and publishing
- Redbook compatible CD burning with CD-Text.
- Stereo non-destructive editing with versatile clip grouping over multiple lanes
- Powerful real-time engine with integration of clip-based and global effect plug-ins
- Superior audio processors
- Video track for sample accurate alignment of audio and video
- Sample accurate audio editor with crystal clear audio processing at up to 96 kHz and 32 bit floating point resolution

Product Highlights:

Podcasting

- Excellent integration to the Audio editing environment
- Complete support of the RSS 2.0 standard
- iTunes compatible
- Automated FTP client for internet publishing
- Templates

CD Mastering

- Complete red-book CD mastering including CD Text
- UPC and EAN code support
- ISRC code support
- Independent Track and Index markers
- CD cover layout editor
- DVD and CD editor for ISO and mixed-mode formats

Editing

- Non-destructive Audio CD Montage for clip-based editing
- Video track with thumbnail view for accurate alignment of audio to video
- Real time fades and cross fades with overlapping waveforms that follow fades
- Supports combinations of mono and stereo files
- Easy and intuitive trimming of clips and cross fades
- Sophisticated rubber band editing for volume envelopes

Processing

- Clip based and effects with support for VST and DirectX plug-ins
- Complete suite of sophisticated audio plug-ins included
- Dedicated DeNoiser and DeClicker plug-ins
- Support of a multitude of different audio file formats (WAV, AIFF, SD II, AU, MP3, MP2 (M.U.S.I.C.A.M.), PAF, ADPCM, ALAW, ULAW, VOX, OSQ, Windows Media 9, etc.) and resolutions (8/16/20/24/32 bits with up to 96 kHz).

Wavelab 6 Version Differentiation:

	WaveLab 6.0	WaveLab Studio 6.0	WaveLab Essential 6.0
Overview			
Purpose	Audio editing system providing the most complete and exhaustive capabilities	Provides the essential audio editing and burning tools for professional audio works and mastering	Easy learning curve, rich featured audio editing and basic audio CD burning system
Target Audience	Demanding professionals, studios, small and large corporations.	Professionals and semi-professionals, small studios. Usable as an auxiliary tool for structures using multiple audio editing stations.	Amateur musician, advanced home musician, Podcast authors
Copy Protection	Steinberg Key	Steinberg Key	Soft e-Licenser
Supported standards			
VST plugins	+	+	+
Direct-X plugins	+	+	+
ASIO support	+	+	+
File formats supported	wav, aiff, w64, Riff 64, mp3, mp2, ogg, au, osq, SDII, Wma, avi, paf, ascii, acm, ulaw, alaw, adpcm, vox, raw	wav, aiff, w64, Riff 64, mp3, mp2, ogg, au, osq, SDII, Wma, avi, paf, ascii, acm, ulaw, alaw, adpcm, vox, raw	wav, aiff, mp3, mp2, ogg, au, osq, SDII, Wma, avi, paf, ascii, acm, ulaw, alaw, vox
File format plugin support	+	+	+
BWF support	+	+	+
Import special special audio file	+	+	
Edit dual-mono files	+	+	
MP3 support	Full (+FH demo)	Full (+FH demo)	Full (+FH demo)
16-24 bit	+	+	+
32 bit float	+	+	+
64 bit float	+		
Maximum file size	No limit (RIFF 64, w64)	No limit (RIFF 64, w64)	2 GB
Maximum Sample rate	384 kHz	192 kHz	96 kHz
Editing environment			
Unlimited Undo/Redo in editors	+	+	+
Audio Markers	Generic, Temporary, Region, Loop, CD, Mute, Playback Start	Generic, Temporary, Region, Loop, CD (montage), Mute, Playback Start	Generic, Region, Loop
Marker type convertor	+		
Audio selection editor	+	+	
Spectrum editing	+		
Spectrum display	+	+	
Loudness display	+		
Scripting	+	+	
Save files in background	+		
Can run multiple instances	+		
Master Section			
Number of slots	8	6	4
Plugin organizer	+	+	+

Dithering	internal+external	internal+external	internal
Presets	+	+	+
Crossfade around rendering	+	+	
Preset per file	+	+	
Smart Bypass	+		
Rendering of multiple regions	+		
Audio Montage			
Feature set	Full	Average	Basic
Multi outputs (eg. surround)	8	2	2
Max effect per clip/track	10	2	1
Track effects	+	+	
Audio tracks	No limit	8	2
Video track	No limit	1	1
Picture track	+		
Text track	+		
XML import/export	+		
AES-31 import/export	+		
Montage batch processing	+		
CD/DVD support			
Audio CD Extraction	Full	Standard	Standard
Audio CD burning	Full	Full	Simplified
Audio CD index support	+	+	
Data & Mixed mode CD Burning	+	+	+
Burn ISO image	+		
Integrated CD Label creator	+	+	+
Professional CD report	+	+	
Compare Audio CD images	+		
Import CD image	+	+	
Basic Audio CD	+		
DVD-Audio creation	+		
DDP host	+		
Tools			
Wave Batch processing	Full	Full	File encoding only
Batch file conversion	+	+	+
Batch sample rate conversion			
Audio looping tools	+	+	+
High precision signal generator	+	+	
DTMF generator	+	+	
Batch renaming tools	+		
Podcast creation	?	?	+
Hardware sampler support	+		
Integrated backup system	+		
Audio database	+		
Auto Split	Full	Basic	Clips only
Batch erase peak files	+		
Rename current file	+	+	+
Screen capture	+	+	+
Copy audio info to text	+	+	
Pen edit tool	+	+	+
Audio file attribute editor	+	+	+
Audio analysis			
3D spectrum view	+	+	+
Global offline audio analysis	+	+	+
Audio file comparer	+		
Loudness distribution	+		

Level Meter	+	+	No pan
Spectrum Meter	+	+	+
Oscilloscope	+	+	+
FFT Meter	+	+	
Phase scope	+	+	
Bit meter	+	+	
Waveform scope	+	+	
Monitor playback	+	+	+
Monitor input	+		
Monitor rendering	+		
Monitor selection	+		
Monitor cursor	+		
Monitor freeze option	+		
Katz Metering	+		
User interface			
Look and feel	Full featured	idem, other style	idem, other style
Last recently used files	Full	20	20
Screen sets	+	+	+
Custom key commands	+	+	+
Auto Waveform Coloring	+	+	
MIDI command support	+		
Workspaces save/load	+		
Wave settings companion file	+	+	+
Wave view snapshots	+	+	+
Preferences			
Multiple temp audio folders	+	+	
Environment	+	+	+
Offline processors			
Time stretching / Pitch shifting	DIRAC	DIRAC 1 mode	Time bandit
VST offline plugin support	+	+	+
Instant channel switch	+	+	+
Change level	+	+	+
Level normalizer	+	+	+
Dynamics	+	+	+
Level envelope	+	+	+
Fade	+	+	+
Crossfade	+	+	+
Invert phase	+	+	+
Reverse	+	+	+
Eliminate DC offset	+	+	+
Harmonization	+	+	+
Hi-fi chorus	+	+	+
EQ	+	+	+
Convert sample rate	+	+	+
Pitch bend	+	+	+
Waveform restorer	+	+	+
Loudness normalizer	+	+	
Pan normalizer	+		
Smooth delete	+	+	
Advanced Insert silence	+		
Pitch quantize	+		
Error detection and correction	+		
Effect Morphing	+		
Real-time audio plugins			
Crystal Resampler	4 qualities	3 qualities	2 qualities
PeakMaster	+	+	+
NaturalVerb	+	+	+
AutoPanner	+	+	+

Chorus	+	+	+
Echo	+	+	+
StereoExpander	+	+	+
Puncher	+	+	+
NoiseGate	+	+	+
Leveler	+	+	+
VoiceAttenuator	+	+	+
AutoPanner	+	+	+
EQ-1	+	+	+
VstDynamics	+	+	+
ToolsOne	+	+	+
Spectralizer	+	+	+
Internal dither	+	+	+
CleanComp	+	+	+
Silence	+	+	+
Denoiser	+	+	+
Declicker	+	+	+
Q	+	+	
Multiband compressor	+	+	
Ducker	+	+	
UV22	+	+	
UV22 HR	+		
Externalizer	+		
Resampler 192	+		
Audio Input plugin	+		
External gear plugin	+		
Playback / Record			
Wave scrolling on play	+	+	+
Transport command set	Full	Full	Full
Recording functionality	Full	Full	Average
Playback variable speed	+	+	
Jog and shuttle	+	+	
Timecode display window	+	+	
MTC synchro	+	+	
ASIO synchro	+		
ASIO instant switching	+		
Manual			
Manual	HTML help Full printed manual PDF manual	HTML help Printed tutorial PDF manual	Printed „first three chapters“ PDF manual

System Requirements

Windows

Required:

Intel Pentium / AMD Athlon 800 MHz

256 MB RAM

80 MB of free disk space

Windows 2000, Windows XP, Windows Vista Home Premium and Ultimate (32-bit only)

Graphic card with 24 bit or 32 bit resolution

Display Resolution 1024 x 768 pixels

Windows MME compatible audio hardware

CD or DVD-ROM drive

Internet connection for product activation

Product can only be used on system on which it was activated

Internet connection (for podcast and future updates)

Recommended:

Intel Pentium IV / AMD Athlon or Opteron 2.4 GHz or faster

1 GB RAM

Graphics card with 32 bit resolution

ASIO compatible audio hardware

DVD writer

Display Resolution 1280 x 1024 pixels, dual monitor setup

Internet Connection (for podcast and future updates)