

SONY

VERSION 2.1

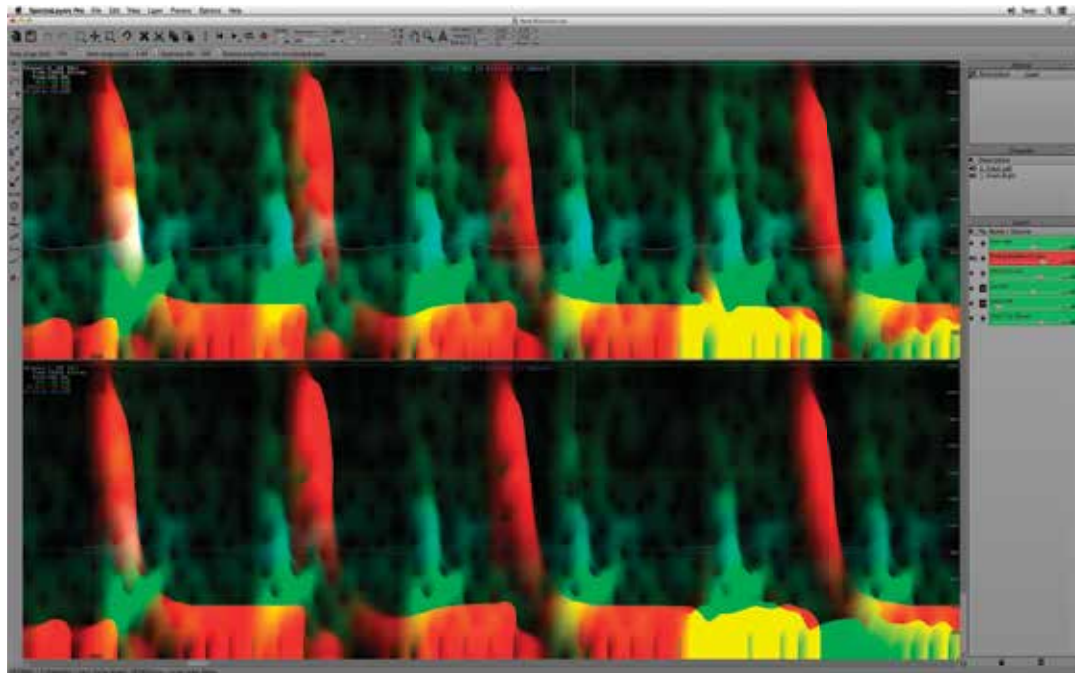
SpectraLayers Pro

Advanced Audio Spectrum Editor

TOP 2.1 FEATURES

- **New! Interoperability with Sound Forge Pro Mac 2**
New for version 2.1
- **New! Reverb removal process**
Reduce or eliminate reverb in the spectral domain with just a few clicks
- **New! Improved noise reduction algorithm**
Subtract more noise with less impact on the program material
- **New! Noise reduction process**
Send program material directly to a new layer
- **Interoperability with Sound Forge Pro 11**
Transfer audio data freely between both applications
- **Spectral Casting/Spectral Molding™**
Use the frequency spectrum of one layer as a *mold* or *cast* for carving an *impression* of its sonic signature directly into the spectrum of a second layer
- **Significantly enhanced performance**
Enjoy faster spectral graph explorations in any scenario
- **View and Edit markers and metadata**
Pass and edit markers and metadata freely between SpectraLayers Pro 2 and Sound Forge Pro (Mac and PC)
- **Shape Tool**
Perfect for extracting drum sounds, simply point and click to pull your hits to the active layer
- **Frequency range display options**
Display frequency ranges plotted on your choice of logarithmic scales
- **Looping**
Audition looped selections
- **New resampling and remixing options**
Freely define, route, and mix channels during the resampling process
- **One-click noise extraction**
A new one-click command executes your noiseprint over the target layer's entire expanse
- **Improved pitch shifting**
A new pitch-shifting algorithm delivers better results in less time
- **User interface improvements**
Various viewing and editing enhancements
- **Export format settings**
All export formats now feature user-definable bit depth and bit rate settings
- **Retina Ready**
Take advantage of your Retina display equipped MacBook Pro

SpectraLayers™ Pro is the revolutionary, award-winning software application that stands as the undisputed leader in today's audio spectrum editing movement. SpectraLayers Pro 2 introduced a significantly faster processing engine as well as a host of new tools and methodologies including Spectral Casting/Spectral Molding™, one-click noise reduction, the Shape Tool, a choice of logarithmic frequency scale display options, seamless interoperability with Sound Forge™ Pro 11, and a wide variety of user interface improvements for even more convenience, creative options and enhanced workflow. The SpectraLayers Pro 2.1 update features seamless interoperability with Sound Forge Pro Mac 2, an efficient reverb removal process, an improved noise reduction algorithm, expanded noise removal process options, and user interface improvements that make this free update a must-have. Take advantage of the power of SpectraLayers Pro and enjoy full integration with the Sound Forge Pro family on both Mac and PC platforms.



Extreme Audio Editing

- **New!** Seamless interoperability with Sound Forge Pro Mac 2
- **New!** Reverb removal process: reduce or eliminate reverb in the spectral domain
- Divide audio files into discrete, user-defined layers that can be processed independently and reintegrated to achieve perfect master files
- Remove unwanted noises and artifacts with ease while leaving surrounding audio data completely intact
- Separate music and dialogue into individual component layers
- Perform pitch correction on user-selected components of an audio file
- Employ SpectraLayers Pro in audio mastering, sound design, analysis, and forensics tasks
- All tools are modifiable using a wide range of user-definable sensitivities and tolerances

For a complete list of SpectraLayers Pro 2 features and specifications, go to www.sonycreativesoftware.com/spectralayerspro

SpectraLayers Pro

SYSTEM REQUIREMENTS

MAC OS

- Mac OS X 10.7 (Lion), 10.8 (Mountain Lion), or 10.9 (Mavericks)
- Intel dual-core processor (quad-core processor recommended)
- 2 GB RAM
- 2 GB of free hard disk space (for temporary files)
- OpenGL 2.1 compatible graphics card with 256MB
- 1280x720 display resolution
- CoreAudio compatible audio hardware

WINDOWS

- Microsoft® Windows Vista® 32-bit or 64-bit SP2, Windows® 7 32-bit or 64-bit SP1, Windows® 8 32-bit or 64-bit, or Windows® 8.1 32-bit or 64-bit operating system
- Dual-core processor (quad-core processor recommended)
- 2 GB RAM
- 2 GB of free hard disk space (for temporary files)
- OpenGL 2.1 compatible graphics card with 256MB
- Supported NVIDIA or AMD/ATI GPU with 512 MB or more RAM:
 - NVIDIA: GeForce GTX 2xx Series or higher with driver 285.62 or later. Quadro 400 or higher (or Quadro FX x700 or higher) with driver 285.62 or later
 - AMD/ATI: Radeon HD 47xx or higher GPU with Catalyst driver 11.7 or later. If using a FirePro GPU, FirePro unified driver 8.85 or later is required
- 1280x720 display resolution
- Windows-compatible audio hardware
- Internet Explorer 8 or later, Firefox 10 or later, or Google Chrome 13 or later (for viewing help)

SpectraLayers Pro 2.1 may be used only after you agree to the terms of the license contained in the software

Spectral Casting/Spectral Molding™

New and Exclusive to SpectraLayers Pro 2 is the ability to use the frequency spectrum of one layer as a *mold* or *cast* for carving an *impression* of its frequency signature directly into the spectrum of a second layer. The creative possibilities are limitless. The enormous sound design capabilities of this feature are poised to take creative music and sound design to an unprecedented new level.

Extraction Tools

Extract audio into independent layers using intelligent, programmable tools:

- Shape—track specific shapes on the spectral graph
- Area—select any audio for transfer from directly within the spectral graph
- Frequency—track frequencies and transfer them directly to selected layers
- Harmonics—seek and select harmonics in user-defined amounts and orders
- Noise—noiseprint-based noise reduction using unique 'artistic' noiseprints

Modification Tools

- Operate directly on waveform spectra to perform precise, creative edits with tools like Amplify, Clone, and Erase

Creation Tools

- Use the Frequency and Noise tools to create sound directly in the SpectraLayers Pro interface

Fidelity/Flexibility

- 32-bit 96 kHz capable
- SpectraLayers Pro 2.1 provides seamless file transfer to Sound Forge Pro Mac 2 and Sound Forge Pro 11

Dual Platform Support

- SpectraLayers Pro 2 is available for both Mac and Windows platforms



SpectraLayers Pro is also available as part of
Audio Master Suite
and Audio Master Suite MAC
www.sonycreativesoftware.com/audiomastersuite
www.sonycreativesoftware.com/audiomastersuitemac

