

## Sound Forge Pro 10:

### Processes

- *New!* iZotope 64-bit SRC™ (sample rate conversion)
- *New!* iZotope MBIT+™ Dither (bit-depth conversion)
- Channel converter
- Auto Trim/Crop
- Mute
- Normalize peak or RMS Level
- Stereo Pan/Expand (supports mid-side mixing)
- Graphic, Paragraphic, and Parametric EQ
- DC Offset
- Resample
- Reverse
- Graphic Fade with noise-shaping and dithering
- Smooth/Enhance
- Fade In/Out
- Time Compress/Expand
- Insert Silence
- Volume
- Invert/Flip
- Bit Depth Converter (to 8-bit, 16-bit, 24-bit, or 32-bit)

### Effects

- *New!* Includes Mastering Effects Bundle 2 powered by iZotope
- *New!* Zplane élastique Pro timestretch and pitch shift DirectX® plug-in
- *New!* Resonant Filter plug-in
- VST plug-in effect support
- DirectX® plug-in effects automation
- DirectX Plug-in Manager
- Real-time effects previewing
- Modeless audio Plug-In Chainer
- Wet/dry mix and crossfade options
- Acoustic Mirror environment simulator
- Amplitude Modulation
- Chorus
- Distortion
- Delay/Echo (Simple and Multi-Tap)
- Graphic Dynamics
- Multi-Band Dynamics
- Envelope
- Flange/Wah-Wah/Phaser

- Gapper/Snipper
- Noise Gate
- Pitch Bend/Shift
- Reverb
- Vibrato
- Wave Hammer Compressor/Volume Maximizer

## Tools

- *New!* Integrated disc-at-once CD burning
- Noise Reduction 2.0
- Spectrum Analysis™ tool
- Phase and mono-compatibility meters
- Gracenote® MusicID™ technology
- Includes CD Architect 5.2
- Application scripting
- Script Editor window
- Batch conversion
- Copy statistics to clipboard
- Drag-and-drop CD extraction
- Clipped peak detection and marking
- FM Synthesis with envelope
- White, pink, brown and filtered noise generators
- Simple synthesis sweep
- Auto Region (using beats and measures, or peak detection)
- Crossfade Loop
- Extract Regions
- Find Tool
- Preset Manager
- Sampler Tool
- Statistics Tool (Max, RMS, DC offset, Zero Crossings)
- DTMF/MF Tone Synthesis

## Editing/workflow

- *New!* Event-based editing
- *New!* Musical instrument file editing and processing (.DLS, .SF2, .GIG)
- *New!* Metadata editing via new Metadata windows
- *New!* Customizable window layouts
- *New!* Floating window docks
- *New!* Tabbed browsing for maximized data windows
- *New!* Default fade types in Preferences
- *New!* Custom selection grid lines
- Multichannel file editing and processing

- Enhanced user interface with color customization
- Audio scrubbing tool
- JKL keyboard commands for scrub
- Customizable keyboard mapping
- Save project paths in rendered media
- Real-time nondestructive editing
- Simple drag-and-drop operations
- Multitask background rendering
- Media Explorer window
- Undo/redo history
- Docking windows

## Recording/playback

- *New!* Performance optimizations (global media cache)
- Multichannel audio recording
- Hardware meters with output gain control
- ASIO driver support
- Automated time-based recording
- Audio threshold record triggering
- Prerecord buffer
- Auto calibration for DC Offset
- Generate SMPTE/MIDI Time Code
- Glitch/gap detection
- Punch in option
- Pre-roll to cursor
- Real-time record/playback meters (VU/PPM and standard)
- Remote record function

## Regions and playlists

- Marker and region rulers with snapping functionality
- Regions List and Playlist windows
- Editing of fields
- List sorting
- Nondestructive playlist
- Name markers, loops, regions
- Trigger with sequencers
- Trigger with MIDI event-generating devices
- Trigger with time code-generating devices

## Sample editing

- Pop-up MIDI keyboard to test samples
- Sustaining Loop
- Release Loop
- Real-time loop tuning window
- Generate/Receive MIDI Time Code
- SCSI/SMDI or MIDI/SDS sample transfer
- Sustaining Loop, Release Loop

## Timing basis

- Absolute Frames
- Measures and Beats
- Samples, Time, Seconds
- SMPTE Drop/Non-Drop
- SMPTE EBU/Film Sync
- Time and Frames

## Encoding/video support

- *New!* Enhanced Broadcast Wave Format (.bwf) support
- Dolby Digital<sup>®</sup> AC-3 export
- Multichannel Windows Media format support
- Video saving and render options (fast video resizing, deinterlace, source video resampling, and video stretching)
- Windows Media<sup>®</sup> 9 Series import and export
- QuickTime<sup>®</sup> 6 import and export, RealMedia<sup>®</sup> 9 export
- Support for 24fps DV video files
- Option to compensate for nonsquare pixels in Video Preview window
- Display exact video frame animation above waveform
- .MOV and MPEG-1 and MPEG-2 format import
- External monitor support using DV and IEEE 1394 devices
- Maintain perfect sync while working with full NTSC and PAL video
- Sound and video synchronization with subframe accuracy
- Various video and audio compression option

## Tools for ACID software

- Publish to ACIDplanet.com
- Create loops for ACID software
- Assign root notes, number of beats, and tempo

## Supported file formats

Opens: AA3\*, AAC, AIF, ASF, AU, AVI\*, CDA, DIG, DLS, DV, FRG, GIF, GIG, IVC, M2A, M2P, M2T, M4A, M4B, MMV, OGG, MOV, MP1, MP3, MP4, MPEG, MPEG-1 and MPEG-2 video, Sony MXF\*, PCA, QT, RAW, SD, SFA, SF\*, SND, TIF, VOB, VOX, W64\*, WAV\*, WMA\*, WMV

Saves: AA3\*, AC3\*, AIF, ATRAC\*, AU, AVI\*, DIG, DLS, FRG, GIG, IVC, M1A, M1P, M2A, M2P, M2T, MMV, MOV, MP1, MP2, MP3, MP4, MPA, MPEG, MPEG-1 and MPEG-2 video, Sony MXF\*, OGG, PCA, RAW, RM, SF2, VOX, W64\*, WAV\*, WMA\*, WMV

\*Supported multichannel format

Disc-at-once CD layout and burning

## General editing

- Support for up to 32-bit, 192 kHz source audio
- CD Text support
- Multiple levels of undo/redo
- CD transport controls
- CD image file rendering
- Reading and extraction of PQ data along with audio tracks
- Complete control over tracks, marker placements, and indices
- Preview multiple tracks or ranges of audio before extraction from a supported CD device
- Multiple file format support without conversion
- Autosave crash recovery
- Undo/redo history list
- Supports MP3, AIFF, Ogg Vorbis, Windows Media<sup>®</sup> Audio, and more

## CD design and mastering

- Full PQ code editing support, including track and index positions and pause times
- Over 20 real-time DirectX<sup>®</sup> plug-ins
- Set up alternate CD mixes in the same workspace
- Audio scrubbing
- Absolute times for replication
- Print cue sheets and format CD liner notes
- Up to 99 tracks
- Up to 99 subindices per track
- Smart track reordering
- Automatic pause time indication
- Relative times for liner notes
- Timeline event locking
- Adjustable pause times

## CD writing

- Burns disc-at-once premaster CDs for professional replication
- USB, FireWire, SCSI and IDE/ATAPI CD-R and CD-RW drive support
- Overburn support of 80 minute and other size CD-Rs
- Buffer underrun protection
- Test burn mode
- PQ list verification for Red Book compatibility prior to burn
- Burn speed selection
- Copy-inhibit flags
- Pre-emphasis flags
- Audio clipping detection
- International Standard Recording Codes (ISRC)
- Universal Product Codes (UPC)
- Media Catalog Numbers (MCN)

## Sound Forge Pro 10 system requirements

- Microsoft® Windows® XP (SP2 or later), Windows Vista® (SP2 or later), or Windows 7
- 1 GHz processor
- 350 MB hard-disk space for program installation
- 512 MB RAM
- Windows-compatible sound card
- DVD-ROM drive (for installation)
- Supported CD-recordable drive (for CD burning)
- Microsoft DirectX® 9.0c or later
- Microsoft .NET Framework 2.0

You must provide registration information to Sony Creative Software Inc., a US company, in order to activate the software. Product requires online registration within 30 days.