Tone2 RayBlaster 3.5



Tone2 Audio has updated RayBlaster to version 3.5. The update overhauls the innovative sound-engine of the Impulse Modeling Synthesizer. The complete factory content has been reworked. The update is free for anyone who bought RayBlaster 3.

What's new in RayBlaster 3.5?

Enhanced sound quality:

- Significantly enhanced sound quality when 44kHz or 22kHz is used as the DAW's samplerate. Reduced aliasing up to 12dB.
- Drastically enhanced sound quality when 88kHz or 176kHz is used as the DAW's samplerate. Reduced aliasing up to 20dB.
- The enhanced FFT precision results in more accurate resampling of waveforms.
- More precise interpolation of the oscillator impulses.
- Enhanced sound of 'Reverb Ultra'. It has stereo input, a smoother rolloff, more detail and more depth.
- Enhanced sound of 'Reverb Big'. It has has stereo input, a smoother rolloff, more detail and more depth.
- Enhanced sound of 'Reverb Infinite'. It has stereo input, a smoother rolloff, more detail and more depth.
- Enhanced sound of 'Reverb Trance'. It has stereo input, a smoother rolloff, more detail and more depth.

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- Enhanced sound of 'Reverb Band'. It has a smoother rolloff, less phasing, more detail and more depth.
- Enhanced sound of 'Reverb Glass'. It has a smoother rolloff, less phasing, more detail and more depth.
- Reduced detuning in 'Delay Dual' effect.
- Reduced detuning in 'PingPong' effect.
- Slightly reduced detuning in 'MultiTap Delay' effect.
- Slightly reduced detuning in 'Delay' effect.
- Slightly reduced detuning in 'Delay Band' effect.
- Slightly reduced detuning in 'Delay Diffuse' effect.
- The equalizer uses 64bit processing for coefficient calculations.
- The upper midrange is less sharp in the EQ modes 'Psychoacoustic+', 'High Boost' and 'Psychoacoustic'.
- Enhanced sound of the per-voice distortion.

Better factory content:

- The complete factory content has been reworked.
- 50 new sounds have been added.
- Lots of existing sounds were enhanced and fine-tuned.
- All sounds are now properly sorted into the right categories.
- Mediocre sounds have been kicked to provide only top-quality content. You can download them optionally from the website.

New features:

- It is more easy to see soundsets in the patch browser. They have blue color.
- Tutorial patches have grey color in the patch browser.
- The patch browser can show a scrollbar for the categories.
- There is an additional equalizer in the Setup section. 'EQ: Soft Midrange' damps frequencies around 3.5kHz with -6dB.

Enhanced graphics:

- Much faster animations of the waveforms, the VUs and the effect parameters.
- More precise layout of the small knobs and various GUI elements.

Further enhancements:

- Better default settings for the init patch.
- Better default parameters for various effects.
- Enhanced stability.
- The installer is smarter and VST3 is installed with the default setting.
- Included a workaround for crappy DAWs that return garbage values for the BPM-rate or song-position.
- Many small enhancements.

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