

## 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 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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