FreeverbToo version 1.72 freeware

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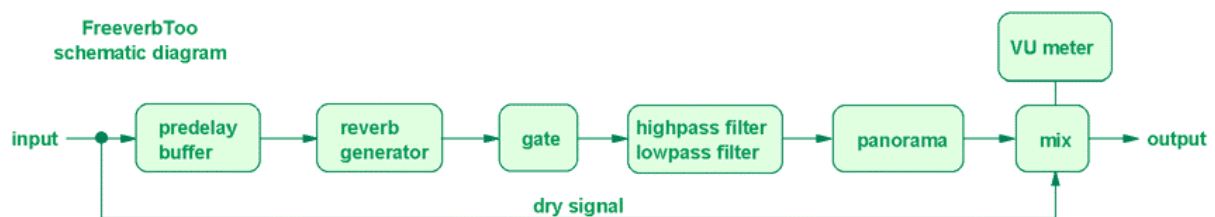*of this software remains with you.*

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1. FreeverbToo features

FreeverbToo is a studio-quality reverb plugin based on the Schroeder/Moorer algorithm.
The plugin can be used for free. My intention is to give everybody the opportunity to be musically creative without spending large amounts of money on equipment.
I would like to thank Jezar (http://www.dreampoint.co.uk) for the reverb code of Freeverb3 which was the basis for the development of FreeverbToo.

Main features:

- graphical user interface / easy handling
- better reverb quality and less CPU-usage than the original freeverb
- adjustable gate for gated reverb
- direct visualization of reverb parameters
- freeze mode
- 32 bit processing
- support for sampling rates up to 192 kHz

Hints:

- you can use the right click context menu for preset selection
- click above or below a fader handle for fader fine tuning
- click on "Panorama" to reset stereo position
- use presets "Echonomical 1" or "Echonomical 2" for very low CPU-consumption
- If your host-application supports DirectX plugins only, you can use the FreeverbTooDX version

2. FreeverbToo installation

Simply copy the FreeverbToo.dll into your Vstplugins directory.

3. FreeverbToo controls

Size fader

sets the room size

Damping fader

controls the simulated absorbency of the room

Predelay fader

determines the distance between sound-source and back wall

Color faders

controls the tone color of the reverberation sound

The upper fader controls a highpass and the lower one a lowpass filter.

Panorama fader

allows you to specify the position of the reverb in the stereo field

Expiriment on that, f.e. you could combine 2 reverbs with different settings.

Threshold fader

sets the level "threshold" at which the gate opens, in dB

Only signals which exceed the threshold will trigger the gate to open.

Attack fader

time taken for the gate to fully open after realizing a peak in the original signal, in milliseconds

Hold fader

holds the the gate opened for the specified time, in milliseconds

Release fader

time taken for the gate to return to zero (completely closed), in milliseconds

Wet fader

adjusts the reverb level, in dB

Dry fader

adjusts the level of the original signal, in dB

Gate switch

activates/deactivates the gate

Note, that the gate will cut off the reverb. This effect is mostly used on drums to keep the overall mix transparent. Turn it off when using FreeverbToo for example on vocal tracks.

Freeze switch

if activated, the reverberation does not fade out

VU meters

show the exact output levels of FreeverbToo

Quality switches

set the reverb quality / CPU-usage (actually the number of comb-filters used)

That's it.
Have fun and let me know how do you think about FreeverbToo !

Sinus.

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5. Version history

v 1.72
- crash when closing the plugin in Adobe Audition CS5.5 - fixed

v 1.71
- predelay bug - fixed

v 1.7
- VST 2 compatibility
- support for sampling rates up to 192 kHz
- GUI improvements
- pdf manual

v 1.6
- visualization of parameter names and values in all VST compatible applications
- preset sound optimization

v 1.55
- preset selection via context menu
- optimized user interface
- output amplification is reduced by 6 dB in order to protect your ears :-)

v 1.52
- window bug - fixed (now OrionPro compatible)

v 1.51
- memory bug – fixed

v 1.5
- lowpass filter
- reverb panorama
- VU meter range now from -42 to +6 dB
- full parameter automation
- 25 presets
- repaint bug – fixed
- saved banks missed parameter – fixed

v 1.2
- smaller roomsizes and higher damping rates possible
- increased dynamic range for wet/dry faders (-24 - +24 dB)
- adjustable reverb quality / CPU-usage
- smaller .dll file size
- more presets
- repaint interval in VU-meter
- wrong preset values at startup
- room display update bug
- saved banks contained wrong PlugIn-ID
- Note : banks saved by version 1.1 are incompatible with 1.2. Sorry for this !

v 1.1   (07/2000)
- initial release