



PSP PianoVerb

Operation Manual

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Kwadratowa 4/19

05-509 Józefosław

Poland

Overview

PSP PianoVerb reproduces a special kind of reverberation originally provided by piano strings. It generates reverberation using twelve string operators with adjustable damping and decay times. Each operator is tuned to a particular note starting from A (55Hz) to a G# (103.8Hz).

PSP PianoVerb string system can be transposed in the range of ± 24 semitones, tuned within a range of ± 100 cents and can be detuned as well. Transposing to a lower octave produces a bigger and less resonant sound similar to traditional reverbs, while transposing to higher octaves produce a very bright harp-like effect.

Compatibility

PSP PianoVerb is compatible with most applications that can host VST, RTAS and Audio Unit plug-ins.

Minimum System Requirements

- | | |
|--------------------------------|----------------------------------|
| • Windows XP or newer | • Mac OS X 10.5 or newer |
| • At least 1GB of RAM | • At least 1GB of RAM |
| • Intel or AMD 1 GHz or faster | • G5 or Intel CPU 1GHz or faster |

Limitations of the demo version

14 day evaluation period without any audio interruption or control limitations.

Controls

PSP PianoVerb's front panel contains a set of knobs and a bypass button. Knobs can operate in circular or linear mode according to the host's settings. They operate in linear mode by default. Most of the control settings can be stored within internal presets that can easily be restored, however, there are three settings: Mix, Output and Bypass that are adjusted globally for all programs to ensure you don't have to turn an output level, reverb level or processing every time you switch between presets.



Decay Time

Sets the reverberation decay time. It ranges from 0 % for a very short reverb to 100 % for an almost frozen reverberation.

Damping

Sets the damping factor for high frequencies. It ranges from 0 % for bright reverberation to 100 % for very dark reverberation.

Transpose

Allows changes in transposition for a string system. It is possible to change transposition in the range from -24 to + 24 semitones. Transposing to a lower octave gives a less resonant and a more natural reverberation while transposing to a higher octave gives a highly resonant sound.

Tune

The string system is tuned to A 440Hz by default, however, it is possible to manually tune to another reference frequency using this control. The string system can be tuned within a range of +/- 100 cents.

Detune

Using this knob, the system can be detuned independently of the Tune control. Setting it to 0% results in tuned sound while turning it to 100% gives completely detuned results.

Mix

This control sets the ratio between a dry and effected signal. Note that a dry signal level set by the Mix knob is also suitable to act as a Bypass mode. 0% gives only a dry signal on the output while 100% results in a reverberation signal on the output.

Output

Sets output level in the range of -∞ to +12 dB. It is set to 0dB by default.

Bypass

Turns the reverberator into bypass mode. When this button is pushed the string system is no longer fed by the input signal, however, reverberations are still mixed to the output. Bypass mode is active when the red LED is on.

PSP PianoVerb

Clicking on the plug-in's name shows its about box. To go back from an about box view to a normal view click on its area anywhere.



Using presets

PSP PianoVerb is provided with a factory set of presets. Those presets were prepared to help you discover available range of sounds and to better understand this plug-in.

In addition, the presets can be used as a starting point for further adjustments or as quick fix presets.

You can access these presets from the PSPaudioware standard PRESET bar at the bottom of the plug-in interface. Here you can select from among the factory presets, and load and save individual, as well as banks of presets. There are three sections to this bar, the PRESET section, the Preset window, and the BANK section.

BANK SECTION

Click the green arrow icon to load a bank from a disk.

Click the red arrow icon to save a bank.

Double click the BANK label to permanently store the default preset bank.

Press Command (Mac) or Control (PC) and double click to restore the factory default bank.

PRESET SECTION

Click the green arrow icon to load a preset.

Click the red arrow icon to save a preset.

Double click the PRESET label to permanently store the default preset.

Press Command (Mac) or Control (PC) and double click to restore the factory default preset.

PRESET EDIT BOX

Click the menu button to the right of the preset edit box to see and the popup menu of all the presets in the currently loaded preset bank and to choose a preset from the list.

Click the name of the preset to rename it.

PRESET SELECTION

Click on the bright left arrow to switch to a previous preset on the list.

Click on the bright right arrow to switch to a next preset on the list..

MEMO A and B

Both A and B are permanently stored on your disk. This allows you to compare alternative settings or share a preset between various instances of the plug-in in the same project or even between various projects.

Click the green arrow icon to load a preset from memo A or B.

Click the red arrow icon to save a preset to memo A or B.

Support

If you have any questions about the principles or operation of our plug-ins, please visit our web site www.PSPAudioware.com where you can find the latest product information, free software updates and answers to the most frequently asked questions. You can also contact us by e-mail: support@PSPAudioware.com. We will gladly answer all of your questions. As a rule we respond within 24 hours.

PSPAudioware.com s.c.

Kwadratowa 4/19
05-509 Józefosław
Poland

ph. +48 601 96 31 73

www.PSPAudioware.com
support@PSPAudioware.com

User Comments

We welcome any opinions and comments related to the PSP PianoVerb. We would also be grateful if you shared with us your experiences using PSP PianoVerb. Please, contact us at:

contact@PSPAudioware.com