



# **PSP PianoVerb Operation Manual**

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PSP-audioware.com s.c.  
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05-500 Józefosław,  
Piaseczno,  
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 applications that can host standard VST, DX and MAS plug-ins. The product has been tested in the following applications:

### PC

- Cubase
- Nuendo
- Cubasis VST
- WaveLab
- Logic
- PARIS
- n-Track Studio
- Orion
- Fruity loops
- Cool Edit
- Sonar
- Sound Forge

### MAC

- Cubase
- Cubasis VST
- Logic
- sonicWORX
- Spark
- Peak
- Digital Performer
- AudioDesk

If your host application is not listed above we strongly recommend that you install and test the demo versions of our plug-ins for compatibility before purchase. We would also appreciate it if you could provide us with information about your configuration so that we can test it ourselves ([contact@PSPaudioware.com](mailto:contact@PSPaudioware.com)).

### Minimum System Requirements

- Windows 98
- 64 MB RAM
- Pentium II 300 MHz
- High Color S-VGA 1024x768
- Mac OS 8.6
- 64 MB RAM
- G3 300 MHz
- High Color S-VGA 1024x768

## Controls

PSP PianoVerb's front panel contains a set of knobs and a bypass button. All of them are operated in a way common for many VST plug-ins.

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.



## Support

If you have any questions about the principles or operation of our plug-ins, please visit our web site [www.PSPAudioware.com](http://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](mailto:support@PSPAudioware.com). We will gladly answer all of your questions. As a rule we respond within 24 hours.

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## 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](mailto:contact@PSPAudioware.com)