

PSP PianoVerb2



Operation Manual

www.PSPAudioware.com

Acknowledgments

Programming and Design: Mateusz Woźniak

Graphics: Mateusz Woźniak

Additional Programming: Piotr Dmuchowski & Adam Taborowski

Product Manager: Antoni Ożyński

Documentation: Orren Merton

Thanks to all our customers around the world for ideas and help in development of new plug-ins!

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05-806 Komorów,
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PSP PianoVerb2

PSP PianoVerb2 is a creative resonant reverb plugin. It creates its unique sound with twelve resonant filters that mimic the behavior of piano strings. The ability to transpose, tune and detune the set of strings allow you to set up the PianoVerb2 to deliver a wide range of reverberations ranging from traditional wide spread reverb to more unusual resonances. With the addition of optional modulation, A-B settings of time and damping and decay freezing this little plug-in delivers amazing options for creative use. Whenever you want to add some natural resonance to a weak piano track, vitalize your leading guitar with a bit of sustain or simply add a touch of a nice reverb to the selected track, the PSP PianoVerb2 can do the job.



Controls

Select button - this button allows you to select Time and Damp settings A or B.

Freeze switch - turns the time and damp freezing on or off.

Feed switch - when engaged an audio signal feeds the resonant structure of the PianoVerb2. When disengaged there is no input signal going to the reverberation structure but the output of the reverberator is not bypassed – the reverb tail or a frozen reverberation is present on the plug-in's output.

Time A/B - sets the length of the resonant reverberation for settings A or B respectively.

Damp A/B - sets the high frequency damping factor for settings A or B.

Trim - sets the gain for a setting B.

ModFreq - sets the frequency of the reverb modulation.

ModDepth - sets the amount of modulation.

Tune - tunes the set of strings by -100 to +100 cents.

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.

Detune - detunes a set of strings for various effects like improperly tuned instrument or simply a more convincing reverberator.

Spread - sets the stereo width of the reverb.

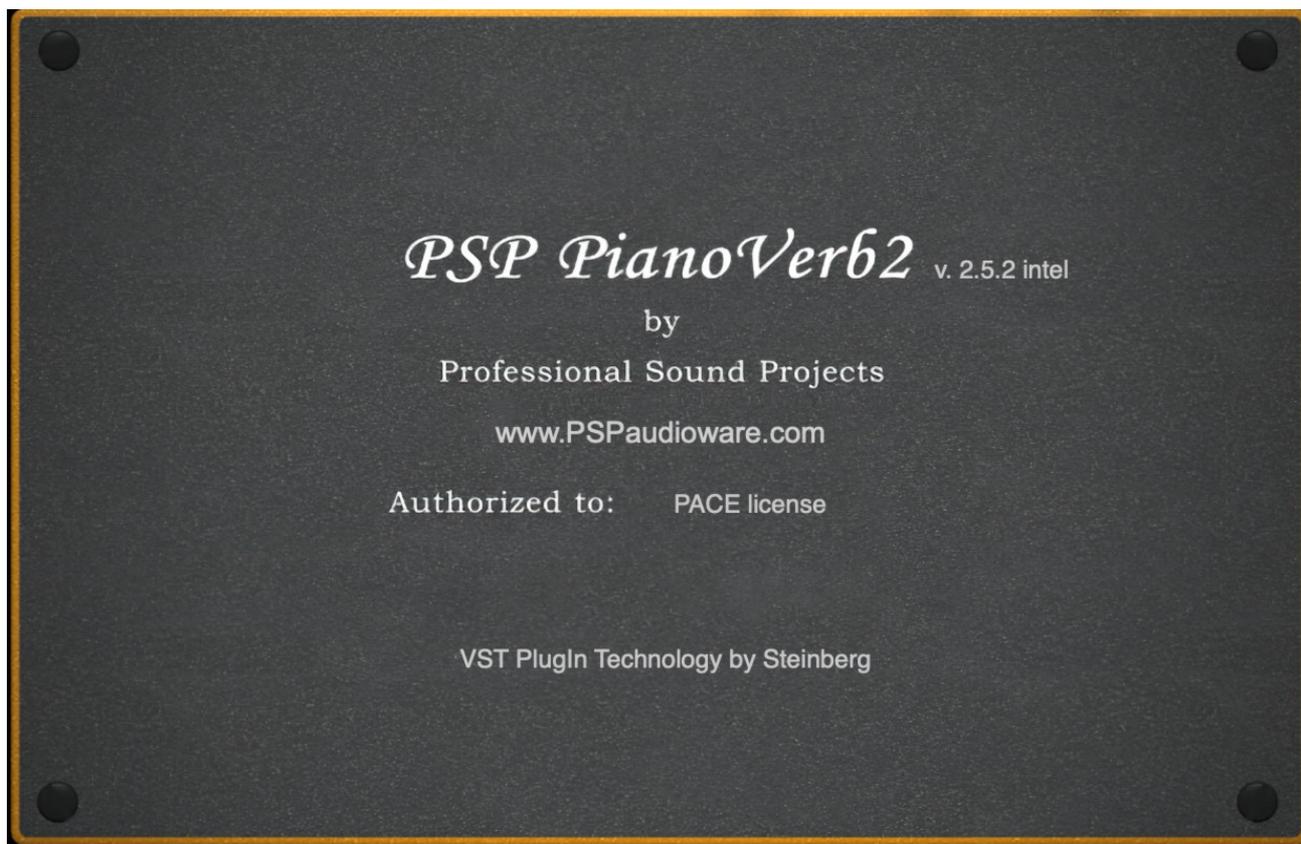
HPF - sets the input high pass filter's cut-off frequency in the reverb chain.

Dry - controls the amount of a dry signal on the output. Set to 5 to achieve 0dB gain.

Wet - sets the amount of a wet - reverb signal on the output. Set to 5 to achieve 0dB gain.

PSP PianoVerb2

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.



Preset Handling & View Options

We provided PSP PianoVerb2 with a few factory presets. These presets can be used as a starting point for further adjustments, or for quick fixes.

You access the PSP PianoVerb2 presets from the PSPaudioware standard PRESET BAR at the top of the plug-in interface.



Preset Browser

The PSP PianoVerb2 edition features a comprehensive new preset management and browser system. To access the preset browser, you click the preset name window at the top of the plug-in (which displays 'Default' when the plug-in loads).



The new preset management bar has three main categories which can be accessed with the tabs at the top of the preset browser: **Application**, **Designer**, and **My presets**.

Application - shows all factory built-in presets grouping by application.

< **Factory presets are built into the plugin and cannot be directly edited!**
You can adjust them and save separately as user presets >

Designer - shows all factory built-in presets grouped by designer.

My presets - shows only user presets.

This view shows all of the presets you have created and saved, or downloaded and added to your custom presets for PSP PianoVerb2.

To add categories to the preset list, you can create new subfolders in the preset directory.

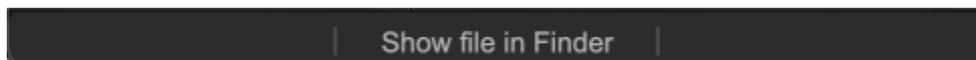
For Windows users, this is located at:

C:\Users\Username\Documents\PSPAudioware.com\User Presets\PSP PianoVerb2

For Mac users, this is located at:

~/Documents/PSPAudioware.com/User Presets/PSP PianoVerb2

< **You can always check the exact path by clicking on the "Show file in Finder" tab at the bottom of the preset browser window.** >



To select a preset, click a preset name in the right window. When clicked, the preset will be applied so that you can audition it. To confirm the preset choice, you can click the preset name once more to load it.

Each preset has own picture, click on it to open the designer's website.

Copy / Paste

A dark rectangular button with the text 'Copy' on the left and 'Paste' on the right, both in a light grey font.

The **Copy/Paste** feature allows you to quickly transfer settings between instances of the plug-in.

To use this feature, you can click '**Copy**' at the top of the plugin below the preset browser window. Then, open a new instance of the plug-in on another track (or on the same track) and click '**Paste**' to paste the settings to the new instance of the plug-in.

This feature can be particularly useful for processing similar instruments or sounds when only a few minor tweaks are needed.

A/B System

A dark rectangular button with the text 'A / B' on the left and 'A > B' on the right, both in a light grey font.

The **A/B system** for quickly checking and auditioning changes to the plugin settings.

The **A/B Button** at the top of the interface below the preset browser window allows you to A/B between the current and previous setting of the plug-in. This can be used to audition changes made to your mix, or to audition between two presets.

The **A>B Button** quickly copies the settings of the **A** setting to the **B** setting. This allows you to save your place and apply further tweaks and the audition them with the **A/B Button**.

Undo / Redo



The **Undo/Redo** feature of the plugin lets you quickly navigate between setting changes.

To use this feature, use the undo/redo buttons (CCW and CW arrows, respectively) located below the preset browser window.

These buttons will undo changes to the current plug-in settings, or allow you to undo a preset change depending on the last action in the plug-in.

100% GUI resizing

A dark rectangular button with the text '100%' in a light grey font.

Scroll (by the mouse wheel or use two finger to move on the touchpad) this percentage up or down to change the GUIs zoom factor. Double click to reset its state to the default size (100%).

You can resize the plug-in interface by just dragging the right bottom corner of the plug-in to any size you like.

CONFIG section



When clicking the three parallel lines glyph, the **CONFIG** menu will open and it allows you to open the manual, check the current plugin version number and turn on/off hints.



Minimum System Requirements

PC

VST3

- Windows 7 – Windows 11
- 64-bit VST3 compatible application

VST

- Windows 7 – Windows 11
- 64-bit VST compatible application

AAX

- Windows 7 – Windows 11
- 64-bit Pro Tools 11, 12 or Pro Tools HD 11, 12 or Pro Tools Ultimate

All DAWs

- The latest iLok License Manager application installed (an iLok dongle not required)

Mac (macIntel or arm AppleSilicon processors)

AudioUnit

- macOS 10.10 – macOS 12.01 Monterey
- 64-bit AudioUnit compatible host application

VST

- macOS 10.10 – macOS 12.01 Monterey
- 64-bit VST compatible host application

VST3

- macOS 10.10 – macOS 12.01 Monterey
- 64-bit VST3 compatible host application

AAX

- macOS 10.10 – macOS 12.01 Monterey
- 64-bit Pro Tools 11, 12 or Pro Tools HD 11, 12 or Pro Tools Ultimate

All DAWs

- The latest iLok License Manager application installed (an iLok dongle not required)



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Processing

- All internal processing done with 64 bit double precision floats.
- 32 and 64 bit floating point audio streams supported
- Sample rates up to 192kHz supported.

Support

If you have any questions about any of our plug-ins, please visit our website:

www.PSPAudioware.com

Where you can find the latest product information, free software updates, online support forum and answers to the most frequently asked questions.

Problems with the installation, activation or authorisation?
Please watch our [troubleshooting video tutorials](#) on our YouTube channel.

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.
Bugaj 12
05-806 Komorów
Poland.
ph. +48 601 96 31 73
www.PSPAudioware.com
contact@PSPAudioware.com

PSPaudioware.com s.c.
Bugaj 12
05-806 Komorów