



ds



PADFUSION

USER MANUAL

Introduction

PadFusion for Decent Sampler is a versatile atmospheric pad instrument designed to accommodate musicians and composers of all levels. It explores sonic experimentation within the constraints of limited sound sources.

The instrument allows users to explore their creative boundaries, offering a unique musical experience.

At its core, PadFusion features eight hand-crafted atmospheric pad sounds organized into two groups. Each group comes with its own ADSR envelopes for sound manipulation.

Chorus and phaser effects enhance the sonic palette for the creation of various textures. Users can modulate the mix, depth, and rate of these effects, enabling the crafting of diverse soundscapes.

Global effects, including Vibrato, Delay, Filter, and Drive, along with custom Impulse Responses (IRs), add versatility to PadFusion.

Custom IRs, designed to be unique, encourage judicious/limited use to add a touch of distinctiveness to compositions.

PadFusion includes a central control for blending the two layers seamlessly, expanding sonic exploration possibilities. All samples are provided as .wav files.

PadFusion is well-suited for productions seeking a sci-fi atmosphere, such as experimental EDM and cinematic underscores.

Note: PadFusion is an ongoing project with planned updates.

Installation

In order to use this virtual instrument, you'll need [Decent Sampler](#), a free sampler available as a VST/AU/AAX plugin instrument for Windows, macOS, and Linux.

Once Decent Sampler is installed on your computer, you can load the virtual instrument by double clicking on the .dslibrary file (standalone) or by dragging it on to the interface whilst open in your DAW.

If you find any bugs related to Decent Sampler, send your bug report via this [contact form](#).

Specifications

Key Features

- 8 hand crafted pad sounds
- 2 layers, with separate ADSR controls
- 21 custom presets + Default preset
- 5 custom IRs with mix dial
- 5 Global effects
- Separate Chorus and Phaser effects for each layer
- Central Blend control to mix each layer
- Includes 88 .wav samples
- 24bit/44.1kHz

System Requirements

- PadFusion is designed for Decent Sampler, which can be obtained here: <https://www.decentsamples.com/product/decent-sampler-plugin/>
- Decent Sampler version 1.8.14 or later
- Windows (32-bit/64-bit): VST, VST3, AAX, Standalone
- Mac (Intel & M1): VST, VST3, AU, AAX, Standalone
- Linux (Intel 64-bit): VST, VST3, Standalone
- 1.21 GB uncompressed (1.04 GB compressed)
- SSD recommended for best results

PadFusion Credits

- GUI Design: Josh Hayes & Ross Smith
- Programming: Ross Smith
- Sampling: Ross Smith
- Sound Design: Ross Smith
- Knob Design: Ross Smith
- Bedroom Soundworks © 2024 All Rights Reserved

The GUI



1. These are dropdown menus where you can select the sound for each layer (A or B).
2. These sections are for your ADSR (Attack, Decay, Sustain, Release) controls of each layer.
3. These sections are where you can control the Chorus and Phaser effects for each layer.
4. The Vibrato section controls the global vibrato effect for both layers.
5. The IR Reverb section controls the impulse response mix for both layers. Fully left is no reverb and fully right is full reverb, so use sparingly as these IR are intentionally designed to be over-the-top. There is also a dropdown menu to select which IR to use.
6. The Delay section controls the global delay effect for both layers. We have given you control over the time it takes for the delay to kick in, the amount of feedback and how much you want in your mix.
7. The Drive section controls the global drive effect and is mainly there to add extra loudness and slight distortion if you need it.
8. The Filter section controls the global lowpass filter effect, basic but useful.
9. The Blend section allows you to blend the 2 layers together. Fully left will be 100% mix of layer A and 0% of layer B. Fully right will be 100% mix of layer B and 0% mix of layer A. In the middle will be 50/50 of each layer.
10. Clicking here will present you with a dropdown menu of all available presets.
11. Controls the global volume of the instrument. It is set to -6dB by default.
12. Controls the global tuning of the instrument.
13. Here you can set audio settings, load presets, MIDI learn and save your own presets

The Blue Boxes indicate the separate layer controls. The box on the left controls Layer A and the box on the right controls Layer B

Saving Your Own Presets

PadFusion offers a lot of flexibility with the sounds it can create, so if you'd like to be able to save your own presets, then follow these instructions:

1. You will be presented with a **.dslibrary** file in the instrument folder. In order to save your own presets, you'll need to decompress this file. **Save a copy of the .dslibrary file**, just in case.
2. Change the directory from **.dslibrary** to **.zip** and extract the file.
3. Open the folder and you will be presented with all the presets, samples, IRs and images.
4. Double click on the **"default"** preset to start PadFusion in its base form. From here, you can create the sound you want.
5. When you're ready to save a preset, go to **"File"** in the top right.
6. Scroll down to **"Developer Tools"** and a side window will appear with the option **"Save Preset"**. Click on it.
7. Your file browser will appear and will ask you where to save the preset and to give it a name. The preset **needs to be saved in the PadFusion folder** with the rest of the presets. It won't work in any other folder.

And there you have it, your first preset. Remember to give your presets a unique name so that you don't overwrite any of the older ones.

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