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# 80's Spaces

## USER MANUAL

v 2.3.0



## Welcome

The best reverbs from the 80s Era!

Nomad Factory, Plugivity and MoReVoX teamed up to bring you the ultimate "80's Vibe" reverb plug-in.

The typical "80s gated reverbs", super lush cavernous and sweeping tails, short rooms and chorused verbs are all there with minimal adjustments required. These allow you to quickly dial in, professional sounding reverb effects, and add them to your audio recordings.

The new version of the 80s Spaces plug-in offers even more impulse responses and presets than ever before:

- 250 high quality convolution IRs (+80 with v2)
- 12 reference reverb models (+5 with v2)
- 510 well organized presets (+110 with v2)

Have fun!

The Plugivity Team

## 80's Spaces sections

**LCD display**

The [LCD display](#), to choose the reverb base and display information.

**Mix section**

The [mix section](#), to adjust levels and reverb mix.

**Reverb section**

The [reverb section](#), to sculpt the reverb base to your needs.

**Effect section**

The [effect section](#), to further shape the reverb sound

## LCD Display

The LCD display allows to select them reverb base and view its information.

## Reverb selector

Use the left and right arrows to navigate through reverbs, or click the reverb name to display the [reverb browser](#).

Use right click to open the browser as a detached window.

## Model

The current reverb model.

Available:

- Iconic 20
- Iconic 24
- Iconic 48
- Iconic PCM
- Retro MX16
- Event 3000
- Japanese 90
- Japanese R7
- ROL-2000
- ROL-DP3
- DYN 15
- QUADRA

## Type

The current reverb type.

Available:

- Hall
- Room
- Plate
- Ambience
- Misc

## Time

Displays the current reverb length. Precisely, the time for the tail to decay to -60dBFS for a 0dBFS input signal (RT60).

The value is recalculated each time the attack, decay or gate values are adjusted.

### **Waveform**

Shows the current reverb tail waveform, with applied attack, decay and gate values. The original (unmodified) tail is shown dimmed behind.

### **Panel selector**

Switch between the INFO and WAVE panels

### **Meter**

Displays output stereo signal level.

LEDs are:

- Green for levels from -60dBFS to -9dBFS
- Yellow between -9dBFS and 0dBFS
- Red at 0dBFS and above

## **Mix section**

The mix section allows to adjust the input and output levels, and the reverb dry/wet mix.

### **Input**

The input signal gain. Also applied to the dry signal (see [Signal chain](#)).

### **Mix**

The mix between dry (input) and wet (reverb) signals. 100% is full wet / 0% is full dry.

*The mix parameter is not affected by presets.*

## **Output**

The output signal gain. Applied to the mixed signal.

# **Reverb section**

The reverb section allows to sculpt the reverb base and modify its properties. It can be used for subtle adjustments or drastic changes in the shape of the reverb.

## **Pre Delay**

Sets the onset of the reverb effect, i.e. the delay between dry signal and reverb.

## **Attack**

Sets the attack time of the reverb.

## **Decay**

Sets the reverb tail length.

## **Gate**

Sets the reverb length cut off. Use in conjunction with the decay parameter to create your classic gated effects.

## **Soft Gate**

When enabled, the gate uses a longer release curve for a softer cut effect.

# **Effect section**

The effect section allows to further process the reverb path with effects, to change the tone, add movement, etc.

## **Low Cut**

Reverb high pass filter cutoff frequency.

## **Low Cut Slope**

High pass filter slope, 6-12-24 dB/octave.

## **Tilt**

Tilt filter amount. Turn left for a darker sound, right for a brighter sound.

## High Cut

Reverb low pass filter cutoff frequency.

## High Cut Slope

Low pass filter slope, 6-12-24 dB/octave.

## Chorus

Amount of chorus effect to add to the wet signal. Adds movement and vintage vibe to the reverb.

## Width

Widens stereo image up to 200% or narrows it down to 50%. May affect overall gain.

## Color

**Yellow switch** adds early digital converter effect to the reverb path.

**Red switch** adds analog color. The effect is heavily input dependent and distortion can occur with high level incoming signals. Input level can be adjusted with the "trim" control.

# Reverb browser

The browser allows to refine the list of available reverbs with filters. You can use the up and down arrow keys to navigate between reverbs.

## Result List

Lists the available reverbs matching the chosen filters.

## Type Filter

Choose which reverb types to include in the result list.

*No selection includes all types.*

### Time Filter

Choose the reverb length to include in the result list.

*No selection includes all lengths.*

### Model Filter

Choose which reverb models to include in the result list.

*No selection includes all models.*

## Signal chain



## Specifications

<b>Sample rates</b>	44.1 kHz – , 384 kHz
<b>Channel layouts</b>	Stereo – , Stereo Mono – , Stereo
<b>Latency</b>	64 samples

## System Requirements




<b>OS</b>	macOS 10.13 or above
<b>CPU</b>	Intel 64 bit or Apple Silicon

<b>Software</b>	64 bit AU / VST / VST3 host Pro Tools 11 or above
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<b>OS</b>	Windows 7 or above, 64 bit
<b>CPU</b>	Intel/AMD 64 bit
<b>Software</b>	64 bit VST / VST3 compatible host Pro Tools 11 or above

 An internet connection is required to authorize the plug-in.

## Common Plugivity Features

### Interface basics

The following commands can be used on all controls:

<b>Fine tune</b>	<b>⇧ SHIFT</b> + drag
<b>Reset</b>	<b>⌘ ALT</b> + click
<b>Edit</b>	Double click

### Top bar

#### Main menu

Display the [main menu](#): access to plug-in preferences, support, updates, etc.

An orange dot notifies you when something requires your attention (updates, etc), click the menu to view.

## Beta menu

*Only visible on beta versions.*

Quick access to the beta testing forum and build number.

## Demo menu

*Only visible in [demo mode](#).*

Quick access to product authorization and online store.

## Preset manager

Displays the current preset name. The text will appear dimmed if the preset was modified.

Click on the name to display the [preset manager](#).

Click on the arrows to navigate to the previous or next preset.

## Workspace manager

*Not available on all plug-ins.*

Switch to a workspace (A/B) by clicking on the letter.

Right click on a workspace to copy or swap between workspaces.

## Oversampling

*Not available on all plug-ins.*

Oversample the plug-in by the chosen factor. When set to "1x", no oversampling is applied.

The oversampling algorithm is not linear phase and only adds a few samples of latency.

## BPM

*Only available in standalone.*

Sets the BPM to synchronize with when using BPM-synced parameters (LFO rates, delay times, etc).

## Power switch

Click to power the plug-in on or off.

The bypass has the following characteristics:

**Soft bypass:** The plug-in is still processing when powered off but will just return the input audio ;

**Smooth bypass:** Powering on and off doesn't produce clicks and can be safely automated ;

**Latency compensated:** The output has the same latency whether it's bypassed or not.

# Preset manager

The preset manager can be open from the center top of the plug-in. It gives you access to the plug-in's factory presets and your own saved presets.

## Save

*Not available for factory presets.*

Overwrite the loaded preset with the current plug-in state.

Only enabled if the current preset was modified since load.

## Save As

*Not available in [demo mode](#).*

Save the current plug-in state as new a preset file.

The preset must be saved in [user data](#)'s "Presets" subdirectory to be recognized by the plug-in.

## Refresh

Rescans the user presets folder. Use this button to refresh the menu in order to see changes made in the presets folder from the Finder/Explorer.

## Reveal

Reveal the user presets folder in Finder/Explorer, or the current user preset if one is loaded.

Organize your own presets as you see fit in the Finder/Explorer. You can easily create subfolders, move, rename or delete presets.

When you are done, use the refresh button to display the changes in the menu.

## **Reset**

Reset the plug-in to its initial state, setting each parameter back to its default value.

## **Factory Presets**

The factory presets bundled with the plug-in. These cannot be overwritten.

## **User Presets**

The presets that were saved in the user preset directory.

# **Main Menu**

The main menu is available from the top left of the plug-in, and provides the following options:

## **Open User Manual**

Open the current manual document.

## **Online Support**

Open the [support](#) page for the current product.

## **Audio Settings**

*Only available in standalone.*

Opens the [audio settings](#) panel to configure input/output devices, sample rate and buffer size.

## **Preferences**

Opens the [preferences panel](#).

### **Scale**

Select the interface scaling, from 75% to 200%.

### **Skin**

*Not available in all plug-ins.*

Select the interface skin.

### **Check for Updates**

Check online if any update is available for the current product.

### **About**

Show the about panel (plug-in details and credits).

## **Audio Settings**

The audio settings panel is available from the main menu, on standalone applications only. It allows to configure the input/output devices, sample rate and buffer size.

**Feedback Loop**

Mute audio input to avoid feedback loop.

**Output**

Select the desired device for output.

Click the "Test" button to play a test sound through the selected device.

**Input**

Select the desired device for input.

The meter next to it displays the signal level through the selected device.

### **Active output channels**

Select the channel(s) to use on the output device.

### **Active inputs channels**

Select the channel(s) to use on the input device.

### **Sample rate**

Select the desired sample rate.

Please note that this menu shows all sample rates supported by the device, the might differ from what the plug-in supports. Refer to the plug-in specifications about supported sample rates.

### **Audio buffer size**

Select the desired buffer size.

The resulting latency is show in parentheses.

## **Preferences**



The settings apply to all plug-ins from the same bundle.

## **General**

## Control Value Tooltips

Change the position of the tooltip displaying the value of a control, relative to this control, or choose "None" to hide the tooltips.

Editing the value of a control using keyboard is not available when tooltips are disabled.

## Show Help Tooltips

Display dynamic help on controls when the mouse is over them.

# Metering

## Meter Speed

*Not available in all plug-ins*

Changes the response time of the bar graph (LED) level meters.

**Slow:** Gives an average level over a long period, useful for observing overall loudness. May miss short, loud peaks.

**Normal:** (default) A balanced setting that provides a good general view of both average and peak levels. Suitable for most recording or mixing tasks.

**Fast:** Responds quickly to level changes, great for detecting short, loud peaks to prevent clipping.

## VU Meter Behavior

*Not available in all plug-ins*

Change the behavior of mechanical (VU-like) level meters.

**Digital:** (default) Shows peak level in dBFS.

**Analog:** Shows level in Volume Units with real VU meter ballistics, for a true vintage experience.

## 0 VU Calibration

*Not available in all plug-ins*

Only available when VU meter behavior is set to "Analog". Set the 0 VU calibration in dBFS. Default value is -18 dBFS.

## Licenses

### Authorization Status

Display the current status of the plug-in.

### Product

*Only visible when authorized*

The product authorized by the current license.

### Email

*Only visible when authorized*

The email address associated with the current license.

### Expiration

*Only visible when authorized*

The expiration date of the current license, if applies.

### **Authorize/Deauthorize**

**Authorize:** Open the [Authorization](#) panel.

**Deauthorize:** [Deauthorize](#) the current license and free the seat.

## **Updates**

### **Update Channel**

Select which channel to use when checking for updates.

**Release:** Stable versions. Not available when running a beta version.

**Public Beta:** Includes stable version and Beta versions available to anyone. Use the Beta Forum link from the [Beta menu](#) to provide feedback when using Beta versions.

### **Check for Updates**

Check online if any update is available for the current product.

## **Authorization**

## Demo limitations


The plug-in will run in demo mode until a valid serial number is entered. You can use the plug-in in demo mode without any time limit.

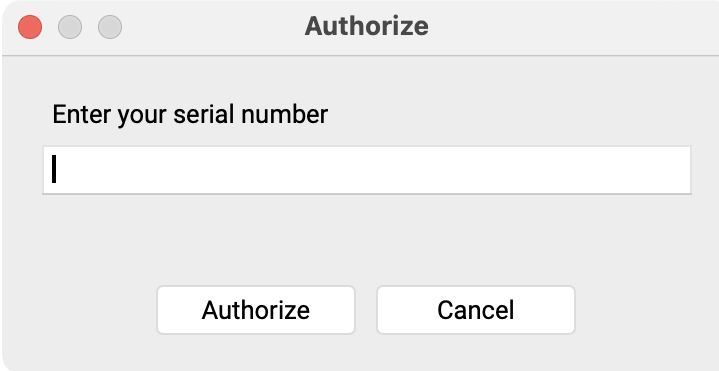
The demo mode has the following limitations:

**Presets cannot be saved.** You can still use the factory presets or another user's presets.

**Session recall is disabled.** If you saved a session with the plug-in in demo mode, it can still be recalled once the plug-in is authorized.

## Authorization process

 An internet connection is required to authorize the plug-in.



Authorize

Enter your serial number

Authorize Cancel

1. Insert an instance of the plug-in in a DAW.
2. Choose "Authorize"