

SPACEREK VIRTUAL SPACE REVERB



User Manual

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Requirements

Software and hardware requirements of the product



OS version Windows 7 or newer

CPU 3.2 GHz SSE (Multicore 4.0 GHz recommended)

RAM 8 GB (16 GB Recommended)

Software VST2 / VST3 /AAX compatible host application (32bit or 64bit)



OS version OS X 10.13 or newer

CPU Intel based 2.8 GHz (3.4 GHz recommended), Apple M1

RAM 8 GB (16 GB Recommended)

Software AU / VST2 / VST3 / AAX compatible host application (64bit!)

Hardware requirements / recommendations are based on estimates performed on available computers at D16 Group HQ, and therefore cannot cover all possible configurations available on the market. CPU usage may vary widely depending on the manner in which the product is used. Factors that may contribute to variance in CPU usage include particular patch and its complexity, the global quality setting, project sample rate. In order to form a better understanding of how a plug-in will behave within your current setup, we highly recommend downloading the demo and giving it a try.

Preliminary information

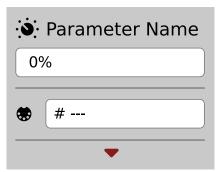
This chapter contains general advice for using the plug-in's interface.

To do a right-click on macOS with single button mice:

Either use your mouse click while holding the CTRL key on your keyboard or use two fingers on your touchpad.

Checking the value of a parameter

Right-click on any parameter to check its value in its context menu:



A parameter's context menu

Note: It's currently not possible to enter a precise value in the input box; it's just to check the value.

Fine-tuning continuous parameters

Tweak a control (knob) while holding the **CTRL key** (on **Windows**) or **Apple CMD** key (on **macOS**) - this will make the tweaking more precise while moving the mouse pointer up and down.

Double-click to reset a continuous parameter's value

Double-clicking on a parameter restores its value to the initial state, either default (right after loading the plug-in / loading it along a project file) or from the most recently loaded preset.

Overview

Spacerek is a room reverb plugin built on a hybrid algorithm that combines two main architectural elements:

- 1. **A virtual space simulation** that takes into account the (adjustable) position and orientation of sources (speakers) and receivers (microphones) within the simulated space, as well as the acoustic properties of the space itself, to create the **Early** reflections.
- 2. **A dynamic delay network**, the internal parameters of which are aligned with the properties of the acoustic space defined by the **Early** reflections algorithm. This element creates the **Late** reflections.

The two elements work in tandem to provide an amazingly convincing stereo impression of a virtual space (the reverb tail), but with a lower hit on the host computer's CPU than you might expect from such a realistic acoustic simulation.

Upon loading the Spacerek plugin in any VST, Audio Units or AAX host application, the GUI appears:



Spacerek's graphical user interface

The interface comprises two main sections:

Configuration and preset management (the top-most section)



The configuration and preset management section

• Signal processing (all other controls)

Signal flow

In this chapter, we'll describe the signal path through **Spacerek**, and explain each component and its controls along the way.

Basic modules

Each of the basic modules that make up **Spacerek** is housed within its own section in the GUI:

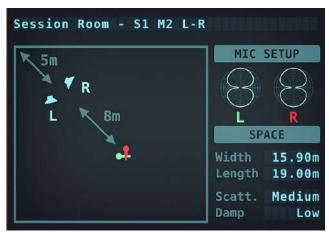
- **Reverb Model** Select an acoustic **Room Model** from a menu of **114** options. This defines the fundamental character of the reverb.
- Pre-delay Controls the initial delay added to the Early and/or Late reflections.
- Direct / Early / Late Three 'mini channel strips' enable adjustment of volume level and left/right or mid/side
 (depending on the Reverb Model) balancing of the Direct signal, Early reflections and Late reflections before
 they're mixed at the output.
- Tilt EQ A tilt-type equalizer applied to the reverb tail.
- Master Apply a Low Cut filter to the signal after the Tilt EQ, and adjust the Dry/Wet mix and final Output Volume.

Reverb model

The Reverb Model defines the character of the reverb, including:

- The physical and acoustic properties of the room dimensions, wall damping and scattering.
- The location (position) and orientation (angle) of the two left and right channel sound sources (speakers).
- The location (position) and orientation (angle) of the two left/mid and right/side channel sound receivers (microphones). The **L-R** or **M-S** channel mode is defined by the **Reverb Model**.
- Directional characteristics of both microphones.

The above characteristics and a visual representation of the currently selected model are shown in the **Reverb Model** display.



Reverb Model display

To select a different model, click the display. Alternatively you can hover with mouse pointer over the model name display to show **Prev** / **Next** buttons for fast navigation

Models are named using this convention: [Room name] – S[Speaker setup number] M[Microphone setup number] L-R/M-S (Stereo mode)

- **Room name** Describes the room, and its physical and acoustic properties. There are multiple entries for each room in the **Reverb Model** menu, each with a different preset configuration of the following three parameters.
- **Speaker setup number** Specifies which of the selected room's preset stereo speaker configurations (positioning and orientation) is used by the **Reverb Model**.
- **Microphone setup number** Specifies which of the selected room's preset stereo microphone configurations (positioning and orientation) is used by the **Reverb Model**.
- Stereo mode The stereo configuration of the microphone setup, either L-R (left/right) or M-S (mid/side).

By way of example, let's break down a specific Reverb Model:

Absorbent - S1 M2 L-R

Absorbent is the descriptive name of the **Room Model**; **S1** tells us that we're using the **Absorbent** Room Model's first speaker setup; **M2** specifies the **Absorbent** Room Model's second microphone setup; and the stereo configuration is **L-R** (left/right).

Pre-Delay

The **Pre-Delay** section controls the time (in *nanoseconds, microseconds* and *milliseconds*, up to **1** second) before commencement of the **Early** and/or **Late** reverb reflections.

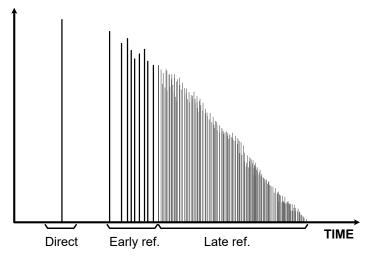


The Pre-Delay section

Direct / Early / Late

Each of these three sections corresponds to a particular component of the reverb tail.

- **Direct** The signal that travels straight from the speakers to the microphones within the **Reverb Model**, without bouncing off the walls.
- **Early** The early reflections; ie, the first (and loudest) reverberations to reach the microphones after bouncing off the walls.
- **Late** The late reflections; ie, the slower second and subsequent reverberations arriving at the microphones after bouncing off the walls.



The dynamic and temporal characteristics of a room reverb divided into the Direct signal, and Early and Late reflections

The three signals are balanced and mixed in the **Direct / Early / Late** section of the GUI.



The Direct / Early / Late mixer section

- **Balance** Controls the stereo balance between the *left/mid* and *right/side* channels. The stereo mode (**L-R** or **M-S**) is determined by the selected **Reverb Model**.
- **Volume** Sets the output volume level from *-inf* to *+12.0dB*.

Tilt EQ

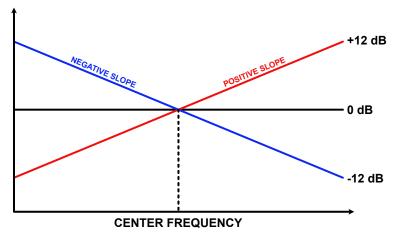
After mixing the **Direct** signal, **Early** reflections and **Late** reflections, the reverb tail can be shaped using the Tilt EQ module.



The Tilt EQ section

The Tilt EQ offers adjustment of the following parameters:

- Tilt EQ Toggle the LED to enable or disable the EQ.
- Freq Adjusts the center 'fulcrum' frequency on which the Slope tilts.
- Slope Sets the frequency response by boosting or lowering the gain of the right-hand (high-frequency) end of the EQ slope, and applying the opposite amount of gain to the left-hand (low-frequency) end of the slope.



Tilt EQ frequency response

Master section

The final stage, where the Output Volume and Dry/Wet mix are set, and an optional Low cut filter is applied.

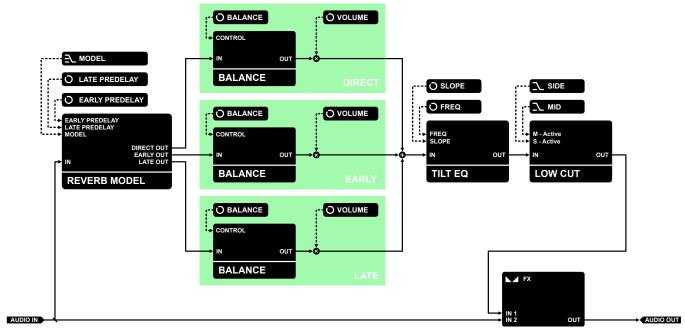


The Master section

- Low Cut A passive *high-pass* filter for final shaping of the Wet signal, with cutoff frequency ranging from 10 Hz 1 kHz. Process the Mid and Side components individually by toggling the relevant LEDs on or off.
- FX Sets the proportional balance of the unprocessed (Dry) and processed (Wet) signals at the final output.
- Output Volume Controls the final amplification level.

Signal flow

The diagram below shows the signal flow through **Spacerek:**



Spacerek's signal flow

Preset Management

Preset storage

Presets, both from **Factory** content and user ones, are stored as files in proper locations on the disc. Each time a plug-in instance is loaded into a project, these locations are scanned and the presets found there are consolidated into a single linear structure (list) in the **Preset Browser**.

Browsing presets

The **Preset management section** (no matter what kind of preset it concerns) enables quick navigation and browsing of the preset structure:



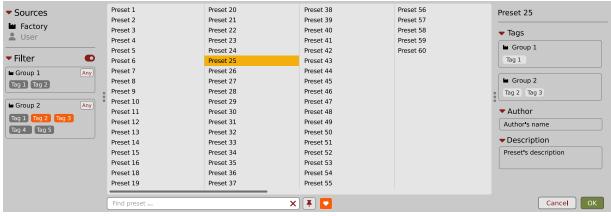
The Preset management section

- PRESET Displays the name of the currently loaded preset. Clicking the display opens the Preset Browser panel, allowing you to browse factory / user presets.
- **Prev / Next** Hovering over right side of the **Preset** display exposes the **Prev / Next** buttons: They allow for linear browsing of the presets list (depending on currently set filters see sections below).
- Save - Saves current parameters as a new preset or allows for overwriting of the existing one (see sections below).

Right-clicking over the **Preset** display opens a context menu with two or three additional options:

- Init Restores initial settings of plug-in parameters.
- Reload Reloads the most recently loaded preset.
- Save – See description above.

The Preset Browser looks as follows:



The Preset Browser

There are four main parts:

- Sources Situated in the left column, filter content Sources for displayed presets.
- Filter Below Sources, a preset Filter that uses the Tags system.
- Results List of presets (shown in the middle column) from Sources that meet criteria set in the Filter.
- **Info pane** The right column shows information about the currently selected preset(s), divided into several subsections.

If available - For some preset types this button can be hidden and accessible from the contextual menu (accessible via right mouse-click on Preset display)

[■] If available

Sources

In this section, you can choose a Source / Source(s) that you want to browse presets from.



Preset Sources

There are two resources to choose from:

- Factory Delivered together with the plug-in and cannot be modified (read-only).
- User Created by the user and can be freely modified or shared with other users.

Choosing any of them will cause the results to narrow to the presets from one resource.

Filter

The section below is the **Filter**, which represents a preset filtering system using **Groups** and **Tags** to browse the content.



The Filter section

Groups and tags

Each **Preset** is described by a few common **Groups**. Within each of them there may be one or more **Tags** from a particular set.



The Filter group

Presets from the Factory resource were assigned Groups and Tags when they were created.

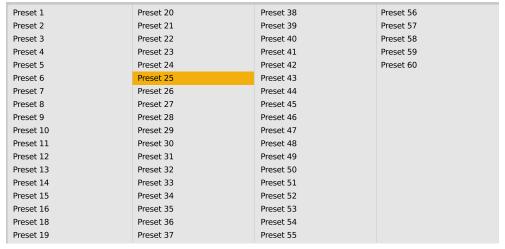
Groups and Tags describe the content clearly, taking into account the plug-in's purpose.

Editing of the **Groups** and **Tags** for **Factory** content is limited. User presets can be described with the same **Groups** and **Tags** as **Factory** content, or you may define additional **Tags** within factory **Groups** and even create your own **Groups** with your own **Tags** to describe your own presets.

The only limitation is that a user cannot remove factory **Groups** or **Tags** from **Factory** content.

Results

This is a list of presets from chosen **Sources** that meet the filtering criteria. The basic function of this section is to browse and load presets. It can also be used for editing, which is described later.



The Results list

- Click any name to choose and load the preset.
- **Double-click** the name to choose, load the preset and close the browser.

Hitting the **OK** button confirms loading a preset and closes the browser. Using **Cancel** closes the browser but reverts all parameter changes that loading a new preset might have caused.



The OK and Cancel buttons in the browser

Using the X icon has the same effect as the **OK** button:



Close Browser window

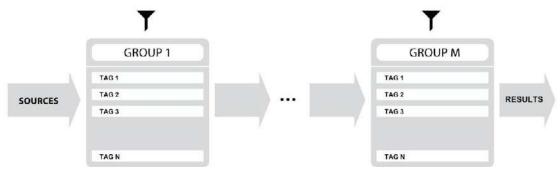
Preset filtering using Groups and Tags

The **Filter** section contains **Groups** of **Tags**. Each Group is represented by a rectangle with the **Group** name + set of **Tags** inside.



Group 2 with two tags set (Tag 2 and Tag 3)

The filtering process cascades from top to bottom. This means that all presets available in the selected **Sources** are filtered by selected **Tags** from the first **Group** (uppermost one), then the **Group** below and so on, until filtered by the last active **Group** (the bottom one).



Preset Filtering with the use of Groups

The result of the cascade filtering process is listed in the middle column, the **Results** / presets list section. You can also consider the **Results** list as an intersection of preset sets, found by filtering through every individual **Group**.

Basic Actions

Tags work as toggle buttons. Click to *activate / deactivate* a **Tag**; a gray background color means that the **Tag** is inactive, and orange means that the **Tag** is *active*.



Group 2 with two tags set (Tag 2 and Tag 3)

If at least one **Tag** in a **Group** is active, then the **Group** (filter) also becomes active, otherwise the **Group** chosen doesn't affect the filtering process at all.

Group operator

When a single Tag is active in a Group, only presets having that Tag set are displayed in the Results.

If two or more Tags in a Group are active, the Results depend on the Operator chosen for the Group:



A Group operator

The **Operator** button works in toggle mode and offers a choice of two alternative **Operators** for the **Group**:

- Any D Means that a preset is shown in the **Results** when the preset includes at least one of the active **Tags** from the **Group**.
- All D Means that a preset is shown in the Results only when the preset includes all active Tags from the Group.

Filter enable / disable

You can quickly enable / disable the **Filter** using the toggle switch in the top-most section of the **Filter**:



An On/Off switch for a Group Filter

Other types of filtering

Searching by name

Alternatively, you can look for a preset by entering its name or just a piece of its name into the Find preset field:



The Find preset input

The **Results** are refreshed on-the-fly and they work together with the other filters.

Using the X icon clears the entire field:



Clearing the search field

Filtering Favorite presets

You can mark presets as a **Favorite** by clicking the **Heart** icon while hovering on preset name **.** You can unmark presets by clicking the icon again (toggle mode):



Setting a preset as a Favorite on the list

[■] Logical OR between Tags in the Group

[■] Logical AND between Tags in the Group

It's allowed for every source (factory or user)

The flag is stored globally, meaning that a **Favorite** preset will be accessible as such from every other instance of the plug-in **D**.

Once you have your Favorite presets flagged, you can quickly filter them using the toggle button with a Heart icon on it:



Favorite presets filtering

If the button is active, then only Favorite presets will be shown (considering all remaining filters).

Filtering Pinned presets

You can **Pin** one or more presets using the **Pin** icon while hovering over a preset name ■. You can unpin a preset by clicking the icon again (toggle mode):



Pinning a preset on the list

Unlike **Favorites**, this flag works locally and it's stored with the project file (not global config), so **Pins** are stored individually for every instance (with total recall, so a plug-in state is recalled if saved in the context of a project).

But, similarly to Favorites, you can easily filter presets using the toggle button with the Pin symbol on it:



Pinned presets filtering

If the button is active, then only Pinned presets will be shown (considering all remaining filters).

Sometimes project or plug-in reload may be required

It's allowed for every source (factory or user)

Info pane

The column to the right shows information about the selected preset or presets. It also provides access to some of the preset editing functions.



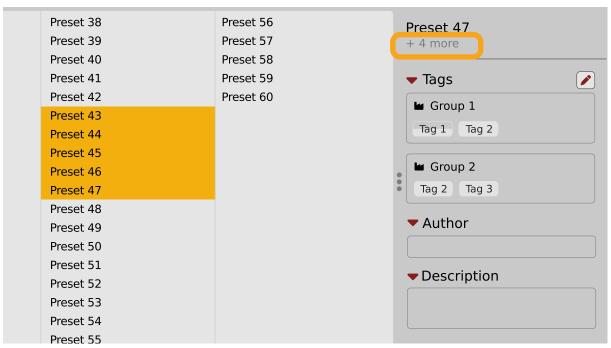
The Info pane

There's a preset name at the top.



The Preset name in the Info pane

Additionally, if you've selected more than one preset there's information about how many more have been selected:



Selecting more than one preset

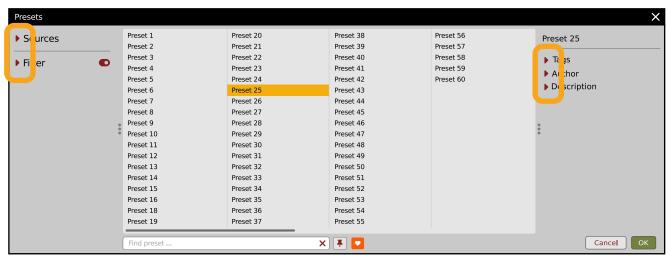
Below the preset(s) name there are few common sections describing selected presets:

- Tags
- Author
- Description

Browser's visual adjustments

Folding sections

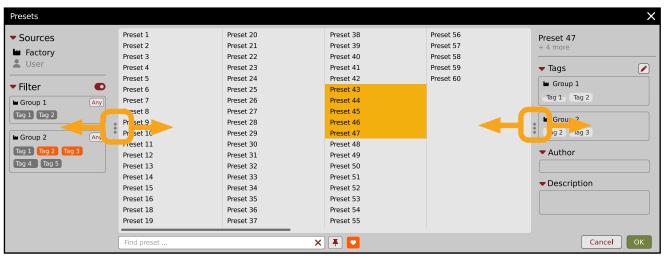
If you don't need to see the contents of every section / subsection, you can fold some of them up using the Caret icons:



Sections folded up

Resizing columns

You can use the three-dotted handles to change a column's width to your preference.



Resizing Browser columns

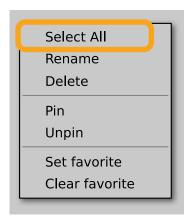
Editing presets

You can perform certain actions on presets, such as adjusting **Groups** and **Tags**, deletion, renaming the presets as well as their export or import. One should bear in mind, however, that some operations are only allowed on user presets but not on **Factory** content.

Preset selection for Edit

Some operations can be done on more than one preset, so you're allowed to select more than one preset at once; in the **Results** section, you can choose a preset or a set of presets in the following ways:

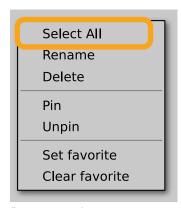
- Click a preset Selects (and loads) one preset from the list.
- Win (ctrl + Click the preset), Mac (cmd # + Click the preset) Adds another preset to an already chosen preset or a set of presets.
- Shift + Click the preset Selects a range of presets from the last chosen preset to the preset clicked with the Shift key.
- Right-Click on any **Preset** in the **Results** section and choose the **Select All** option this selects all presets:



Selecting all presets

Preset renaming

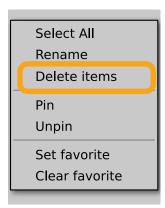
On a selected preset , right-click to open the context menu and select the **Rename** option:



Preset renaming

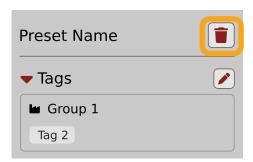
Preset deletion

Once you have selected one or more presets, right-click to open the context menu and select the **Delete items Delete items** option:



Deleting presets

Alternatively, you can use the **Trash bin** button in the **Info pane** to delete selected presets:



The Trash bin button

Tags editing

When you select a preset or presets to change their tags, click the **Pencil** button next the **Tags** section in the **Info pane** to enter **Edit mode** for the **Tags**:



Entering the Tag edit mode

With the Edit mode enabled, you will see all possible Groups and Tags available for the preset(s):

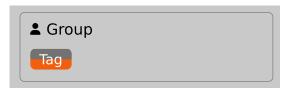


The Tag Edit mode

Tag buttons work in toggle mode, much like filtering. Clicking them either sets or erases a **Tag** for a chosen preset. If a **Tag** is set for a preset, it is indicated by an orange background color, whereas if a **Tag** is not set, it has a gray background color.

If you choose multiple presets with existing tags, **Tag** buttons will appear orange if a specific **Tag** appears in all selected presets, and gray if it appears in none.

When a specific **Tag** is set only for a few of the selected presets, it appears as half-gray and half-orange.



Tags appearing only in part of selection

Changing the **Tag** status for one or more chosen presets sets or erases this **Tag** in all these presets. A status change is signaled by an **Asterisk** to the left of a **Tag**.



A Tag with a status change

Tag buttons highlighted in half-gray and half-orange color (where **Tag** values across the highlighted presets aren't all the same) workin a three-state system when switching between states; they turn gray if you erase the **Tag** for all selected presets, orange if you set the **Tag** for all selected presets, and return to half-gray and half-orange if the selected items remain unchanged or are returned to their initial state.

Potential changes have to be confirmed using the **OK / Cancel** buttons at the top part of the **Tags** section:



Confirmation buttons in the Tags section

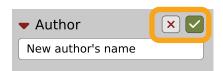
Author editing

When you select a preset or presets to change the **Author**, click the **Pencil** button next the **Author** section in the **Info** pane to enter the **Edit mode** for the **Author** field:



Editing Author

Once you've finished editing the field, confirm the operation using the **OK / Cancel** buttons:

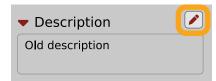


Confirming Author editing

This operation is possible for user content only.

Description editing

When you select a preset or presets to change the **Description**, click the **Pencil** button next the **Description** section in the **Info pane** to enter the **Edit mode** for the **Description** field:



Editing Description

Once you've finished editing the field, confirm the operation using the **OK / Cancel** buttons:



Confirming Description editing

This operation is possible for user content only.

Setting presets as Favorites

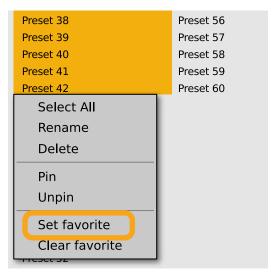
As described in the chapters above, you can mark a preset as a **Favorite** by clicking the **Heart** icon while hovering over the preset name:



Setting a preset as a Favorite

The flag is stored globally, meaning that a **Favorite** preset will be accessible as such from every other instance of the plug-in **D**.

It's also possible to perform the operation for a selection of presets. After you select the desired presets in the **Results** window, right-click on the presets to open a context menu:



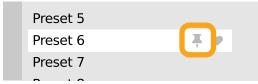
Setting Favorite presets from the context menu

And select the **Set favorite** option.

To clear Favorite flags for the selection of presets, use the Clear favorite option instead.

Pinning presets

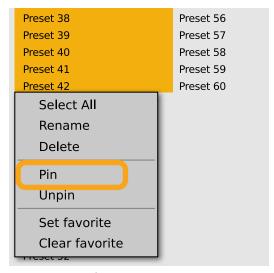
You can Pin one or more presets using the Pin icon while hovering over the preset name:



Pinning a preset

Unlike **Favorites**, this flag works locally and it's stored with the project file (not globally). This means the **Pins** are stored individually for every instance (with total recall, so a plug-in state is recalled if saved in the context of a project).

It's also possible to perform the operation for a selection of presets. After selecting the desired presets in the **Results** window, right-click on the presets list to open the context menu:



Pinning presets from selection

And select the Pin option.

To clear the **Pin** flag for a selection of presets, use the **Unpin** option instead.

Preset exchange

If you want to make a backup, or exchange a preset with a collaborator, you can export / import selected presets.

Export

Select a preset or presets that you're going to export and drag-and-drop them outside your DAW into a location you'd like to store them:

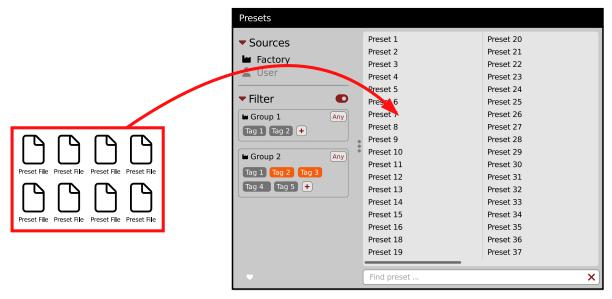


Exporting presets

The presets will be saved as individual files (one per preset) in the plug-in's native format.

Import

If you'd like to import preset files, you can drag-and-drop preset files from where they're stored, into the preset browser:



Importing presets

They will be automatically imported as user presets.

Importing Patterns

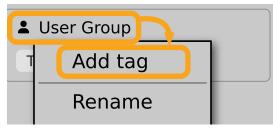
Specifically within the **Pattern browser**, it's possible to import:

- Native Phoscyon 2 patterns.
- Banks from legacy versions of the plug-in (Phoscyon 1.x) which will be accessible as alternative Sources, after
 you drag-and-drop them into the Browser.
- Patterns from Audiorealism ABL 2 or 3 instruments which will be included in User patterns after import.

Creating custom Tags and Groups structure

Adding custom Tags

Users are allowed to add their own custom **Tags** to both their own content and factory content. To add a new **Tag** to an existing filter **Group**, click over the **Group**'s name to pull down a menu and select the **Add Tag** option **□**:



Adding a new Tag

You can do this either in the Info Pane (right column, while the Tag edit mode is enabled) or Filter (left column).

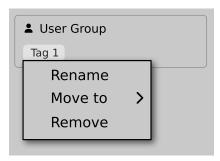
Editing custom Tags

There are a few edit options available for a user to perform on their own **Tags**, which are available by right-clicking a **Tag's** name in the **Filter** section:



The Filter section

You will see a context menu with all the available options:



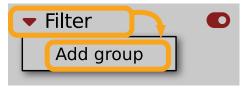
Editing options for a user Tag

- Rename Changes the name of a Tag.
- Move to Moves a Tag to another Group.
- Remove Deletes a Tag.

The menu is accessible only for a user's own Tags.

Adding custom Groups

You can add a custom filter to **Groups** by clicking the **Filter** label and selecting the **Add Group** option from the pull-down menu:



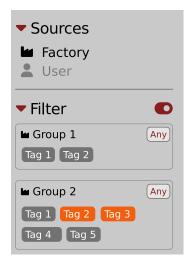
Adding a user Group

From here, you can add Tags to that newly created Group (see above), or move Tags from other Groups.

You can also add a custom filter to **Groups** in the **Info Pane** (right column) or **Filter** (left column).

Editing custom Groups

There are a few edit options available for a user to perform on their own **Groups**. Click on a **Group's** name in the **Filter** section:



The Filter section

You will see a context menu with the following options:



Edit options for a user Group

- Add Tag Adds a new tag to the Group (described earlier).
- Rename Changes the Group's name.
- Remove Deletes the Group, possible only when all Tags in the Group have also been removed.
- Move up Moves a Group up in the Filter. Possible unless the Group is already the topmost one.
- Move down Moves a Group down in the Filter. Possible unless the Group is the last one.

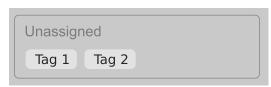
These operations are possible only on user **Groups**.

Groups in the Filter are ordered with Groups from Factory content first, then user groups below.

You can edit user **Groups** in either the **Info Pane** (right column, while **Edit mode** for **Tags** is enabled) or **Filter** (left column).

Unassigned Tags

When you receive content from a collaborator who uses different **Tags** and **Groups**, some Tags may show as **Unassigned**. This happens if the filter structure made by a preset's author is different.



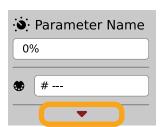
Unassigned Tags

You can move the **Tags** across your **Groups** to make them fit your scheme, or re-tag the collaborator content entirely.

Configuration

MIDI Learn

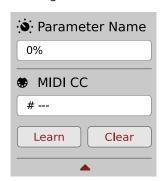
Right-click any plug-in parameter to open the context menu:



A context menu

Left-clicking outside the menu area closes it automatically.

Clicking the bottom arrow expands the menu and displays all available options:



An expanded context menu

Linking a parameter to MIDI CC

The **Learn** function enables a quick assignment of physical controllers (from a MIDI controller) to plug-in parameters.

- 1. Click the **Learn** button to put the plug-in into a pending state before moving any MIDI CC controller.
- 2. Once the CC is recognized, click **OK** to save the change or click the **Cancel** button to restore the previous setting.



Linking a parameter to MIDI CC

Unlinking a parameter from MIDI CC

You can also delete a MIDI CC code attributed to a parameter from the context menu:

1. From the context menu, click the **Clear** button:

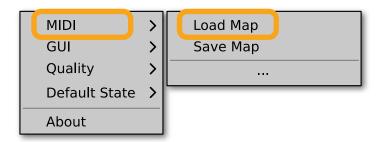


The Clear MIDI CC button

2. Then confirm using the **OK** button.

Loading / Saving a MIDI CC Map

These options are available in the MIDI submenu, accessible under Cog icon in the left-upper corner:

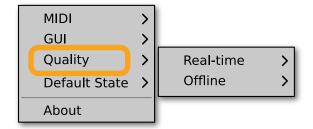


The Load Map and Save Map options

- Save Map Saves the current MIDI CC map to a file.
- Load Map Loads a MIDI CC map from a stored file.

Quality settings

The **Quality** submenu under **Cog** icon in upper-left corner allows to choose sound quality for **Real-time** or **Offline** modes.

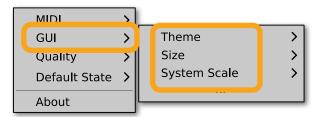


Quality settings

The higher the quality, the bigger the impact on the CPU.

GUI

The **Size**, **System Scale** and **Theme** options are accessible from **GUI** submenu under **Cog** icon in upper-left corner of the plug-in. With these, you can adjust look of the plug-in, according to the pixel density and resolution of your screen:



The GUI Size and System Scale options

Size

This option lets you choose one of several default skin sizes to best match the plugin to the resolution of your computer monitor.

System Scale

System Scale controls the rescale factor for the whole plug-in. For the best visual results, you should set it to the exact value from your system settings (screen properties).

Theme

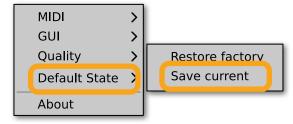
The **Theme** allows you to choose skin color variant according to your preference

Default Settings

You can save your current settings so that the plug-in will default to them for each new instance, or restore the plug-in to load with its factory settings.

Changing default settings

- 1. Click the **Cog** icon in the left-upper corner of the plugin.
- 2. Go to the **Default State** submenu and choose the **Save current** option.



Changing the default state of the plug-in

With this option, the current plug-in state will be saved as the default / initial state for when you insert a new instance of the plug-in.

The plug-in state includes: sound parameters (default preset), views, preset filters, sound quality settings, loaded / created MIDI CC map and GUI settings.

Restoring factory defaults

To return the default state for new instances to factory settings:

- 1. Click the **Cog** icon in the left-upper corner of the plugin.
- 2. Go to the **Default State** submenu and choose the **Restore factory** option.