



# USER MANUAL

also covers  
**REmatrix Player**

version 1.7

---

<b>THANKS FOR CHOOSING REmatrix</b>	<b>2</b>
<b>WHAT IS REmatrix?</b>	<b>3</b>
<b>USING REmatrix</b>	<b>4</b>
<i>How to create a preset with REmatrix</i>	4
<b>QUICK REFERENCE</b>	<b>6</b>
<i>The User Interface</i>	6
<i>Preset management</i>	6
<i>IR Libraries</i>	6
<i>Import an IR</i>	7
<i>Add IR Library</i>	7
<i>Customize IR</i>	7
<i>Master Effects</i>	7
<i>Adjust the reverb time</i>	7
<i>Adjust the pre-delay time</i>	7
<i>Preferences</i>	7
<i>Help</i>	7
<i>About REmatrix</i>	7
<b>LEARN BY OBJECTIVE</b>	<b>8</b>
<i>Installing the VST format on Windows®</i>	8
<i>Loading REmatrix as an insert plugin</i>	8
<i>Loading REmatrix as a send (aux) effect</i>	8
<i>Running REmatrix as a standalone application</i>	8
<i>Locate the version number of REmatrix</i>	9
<i>Adjust IR individual and global reverb times</i>	9
<i>Customizing the IRs</i>	9
<i>Adjust the MASTER effects</i>	9
<i>Set an IR in Solo</i>	9
<b>REFERENCE</b>	<b>10</b>
<b>REmatrix GRAPHIC INTERFACE AREAS</b>	<b>10</b>
<i>REmatrix display</i>	10
<i>IR Slots</i>	14
<i>DRY and WET Slots</i>	18
<i>Presets column</i>	19
<b>Preferences</b>	<b>21</b>
<i>Settings</i>	21
<i>Parameter Smoothness</i>	21
<i>User IRs Folder</i>	22
<i>Audio Settings...</i>	22
<i>Authorization</i>	22

---

## THANKS FOR CHOOSING REMatrix

Thanks for your preference on REmatrix, the result of a long process of conception, design and development by **MoReVoX** and **Overloud**, to create an innovative product that will revolutionize the world of software reverbs, introducing the concept of a flexible recombination of the IRs in a convolution.

With your support we will proceed in the direction taken by keeping the highest quality and creating better products.

## WHAT IS REMatrix?

REmatrix is a new kind of reverb that combines the high fidelity of a convolution reverb with the flexibility of an algorithmic reverb.

With REmatrix you can combine up to 5 impulse responses, or IR (each with extensive customizations options), to obtain the final reverb sound.



*The user interface of REmatrix*

---

## USING REmatrix

REmatrix is a reverb processor with many editing possibilities but intended to be used to its full sonic potential for both experiences programmers and for those who have a more intuitive approach to the sound.

The fastest way to use REmatrix is to start using the provided presets customizing them for your to fit your needs adjusting:

- **REV TIME**, to set the total length of the reverb
- **PRE DELAY**, to add a pre-delay if needed
- **MASTER EQ**, to adjust the general color

The large number of presets of REmatrix has been made in real mixing sessions and is, actually, the ideal starting point for an immediate use of REmatrix in your projects.

The next step of the customization is to act on the balance of the 5 faders to adjust the base of the timbral components of the presets.

At its least of potential, REmatrix can also be used as a standard Convolver, i.e. using a single factory IR or by importing\* any type of IR in WAV or AIFF format from any library, but with the immediate added value of the extra processing available on board (modulation, drive, compression, ...).

One of the features that make REmatrix unique however, is that it can mix more IRs (factory or user) and distribute them easily in the stereo field generating unprecedented natural and linear reverberations that are also colorful and aggressive.

Create presets with REmatrix is simple and intuitive as well as offering the possibility to approach the spatial dimension of the reverb from a new perspective.

### How to create a preset with REmatrix

We recommend that you start by loading a single IR and calibrate its parameters via the Extended Control panel until it meets your taste. At this point add the other IRs (setting the respective parameters again using the Extended Control panel) trying to position the subsequent IRs with the purpose of making the stereo panorama unique and special.

For example, starting from an HALL IR, it would be interesting to sum a more central ROOM (Stereo parameter of the Extended Control panel), to improve the stability in the mono part, and at same time to sum a PLATE with a slightly enlarged stereophony to add a pleasant and musical wide-decay.

In such a preset, by adding an EARLY IR we can add greater incisiveness, as well as adding a SPECIAL IR can give an unprecedented three-dimensional character to the final reverb.

Once reached the desired IR mix you can add life to the staticity of the Convolver through the modulation (MOD) and give more character to the overall sound through the DRIVE and COMP effects.

---

\* User IR import is not available in **REmatrix** Player.

---

The algorithmic reverb (REV), based on the well-known Overloud algorithms, is an indispensable tool to ensure the tails, even when extreme, always remain natural and musical, at any setting. The reverb, then, should be generally used as an integration of the Convolver.

The DELAY, as the REV, is applied to the sum of the IRs. It's the ideal tool to create extra spatiality greatly expanding the tonal possibilities and usability of REmatrix.

REmatrix puts no limits to your creativity, and its extremely intuitive usage actually reduces the learning curve to zero\*.

---

\* In **REmatrix** Player the MASTER EQ is the only effect of the master section with controls enabled.

## QUICK REFERENCE

### The User Interface

The REmatrix user interface has three areas: PRESET, DISPLAY, FADER.



*Areas of the interface of REmatrix*

The PRESET is where you can find the presets management. Presets are organized in banks where each bank contains 128 presets.

The DISPLAY area alternatively shows: the MASTER page with MASTER effects, and the IR waveforms.

The FADER area is composed by 5 slots with controls of: Level, Solo and Mute of the IRs, plus 2 extra slots for Level and Pan of the DRY and WET components of the final sound.

### Preset management

A preset stores the whole state of REmatrix. The presets available after installing are the Factory presets. You can select a new bank by clicking one in the list. To load a preset, select it and press the LOAD button, or simply double-click on the preset itself.

### IR Libraries

You can load a new IR in one of the 5 slots of REmatrix at any moment. Click the Extended IR Controls button and the panel with the IR extended controls will show. In the list of installed IRs, double-click on one of them to load it.

---

## Import an IR\*

There is a special IR library called My IRs that contains the user IRs. You can import your own IR/s by clicking the IMPORT button.

## Add IR Library

New IR Libraries can be added to REmatrix. Look on the Overloud website to find new contents

## Customize IR

Clicking the IR Extended Panel you will see a panel with the IR additional controls. Acting on those controls you can customize the sound of that IR.

## Master Effects

REmatrix includes a MASTER section with 6 effects applied to the output of the 5 Convolver.

Selecting the MASTER page you will see the effects in a diagram showing how they are connected to each other. Just click on one of them to select it and see the parameters. Double click to turn the effect on/off.

## Adjust the reverb time

When the MASTER section is hidden and you see the IR waveforms, on the bottom side of the display you will see the REV TIME fader (possibly right click the global parameter name to select REV TIME) with which you can adjust the overall reverb time.

## Adjust the pre-delay time

When the MASTER section is hidden and you see the IR waveforms, on the bottom side of the display you will see the PRE DELAY fader (possibly right click the global parameter name to select PRE DELAY) with which you can adjust the global pre-delay.

## Preferences

Click the PREFERENCES button to set the Preferences of REmatrix. When you're done just click the button again.

## Help

You can enable the showing of help tooltips. When enabled, you will see a brief help text when you move over a control.

## About REmatrix

Click ABOUT to see some information about REmatrix and those who did work to the concept and to realize it.

---

\* User IR management is not available in **REmatrix** Player.

---

## LEARN BY OBJECTIVE

In this section of the manual you will find some common tasks described. Tasks are by objective, so that you most likely will find the one fitting your need of the moment.

### Installing the VST format on Windows®

The installation of the VST format on Windows deserves a special caution: specify the folder where to install the VST plugin according to the DAW (the VST host application) current Preferences.

Follow the steps below:

- Run the VST host application (i.e. Cubase, Sonar...)
- Detect if the host application format is 32 bit or 64 bit (look at the About page)
- Access the Preferences panel of the host application at the VST plugin page
- Write down the current VST folder/s
- Locate the installer of REmatrix of the same bit format of the host application
- Run the installer paying attention at the stage when it prompts to specify the VST folder
- Select one of the folders set within the host VST preferences

This sequence is particularly important. Installing the plugin in a VST folder which is not listed through the ones set in the host VST preferences won't let you find it when you will need to load it.

### Loading REmatrix\* as an insert plugin

Run the host application and load your project (song) or create a new one having at least an audio track. On the audio track, in the host mixer, locate the Insert button/area. Click there to add an insert plugin and, from the popup box that will appear, select **MoReVoX Overloud > REmatrix**.

### Loading REmatrix as a send (aux) effect

Run the host application and load your project (song). In the host mixer locate the send effects area and click to add one. From the popup box that will appear, select **MoReVoX Overloud > REmatrix**.

### Running REmatrix as a standalone application

The installer adds REmatrix as a new application through the other ones of the computer, so just look for REmatrix in the same place where you find any other app and run it from there.

*NOTE: all banks and presets are shared between all plugin formats and the standalone application letting you to share the presets between them all.*

---

\* Also applies to **REmatrix** Player.

---

## Locate the version number of REmatrix

Click the ABOUT button in the top-right side of the user interface. The main display of REmatrix will show a scrolling text with some information about the product itself. The first information is the complete name and version number.

## Adjust IR individual and global reverb times\*

REmatrix is extremely flexible about reverb times. IRs can easily be lengthened or shortened by the LENGTH parameter of the IR Extended Controls panel. But the most important reverb time control is REV TIME. This fader acts on the global reverb time of REmatrix as if it would change all the active IR reverb times contemporarily by still keeping the reciprocal IR time ratios.

## Customizing the IRs

There are different ways to customize the IRs of REmatrix. First, you can adjust the level by moving the level fader of the IR itself. Next, you can open the IR Extended Controls panel and have access to a set of additional controls.

## Adjust the MASTER effects

MASTER effects do affect the sound at the output of the Convolver, where there is the global reverb sound of REmatrix. Click the MASTER button to highlight it and you will see the effects in a diagram explaining how they are interconnected. Click the effects on the diagram to select them and see their parameters.

## Set an IR in Solo

Click the S button to put an IR in Solo. When an IR is in Solo, the other IRs get temporarily muted (excluded from processing) and you can hear the input sound processed by that IR only.

*NOTE: when an IR is in Solo, active MASTER effect modules stay active but REV and DELAY which get muted as well like the other IRs.*

---

\* IR Extended Controls panel and MASTER effects, except the MASTER EQ, are not accessible in **REmatrix** Player.

## REFERENCE

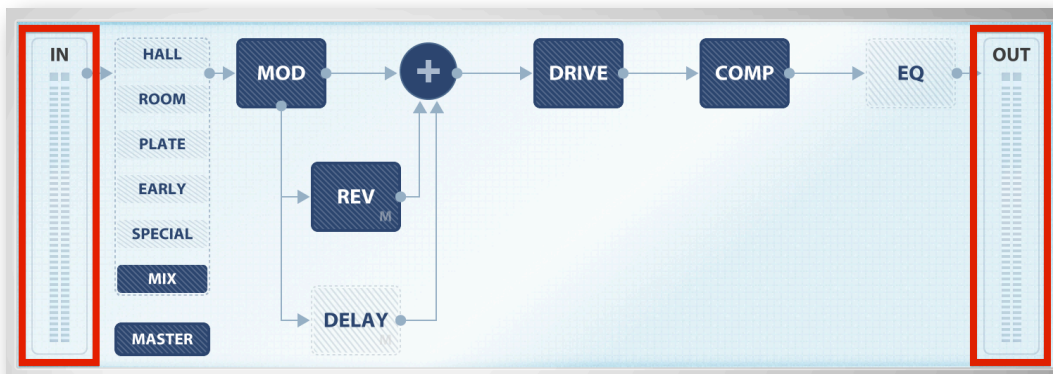
### REmatrix GRAPHIC INTERFACE AREAS

#### REmatrix display

##### IN and OUT Vu-Meters

The IN and OUT Vu-Meters of REmatrix show the input and output levels respectively.

Observing the input level you can estimate the volume of the audio processed by REmatrix, while, looking at the output meter, you can adjust the output level and correct possible variations due to the other level settings of REmatrix.



*IN and OUT Vu-Meters*

*NOTE: the first small square, on the top of a Vu-Meter, is the Peak indicator. If the level measured goes over the limit of 0 dB, the Peak indicator will highlight and stay so for a few instants to show you that perhaps the level is too high.*

REmatrix processing can be mono-to-stereo (mono input, stereo output), or stereo-to-stereo (stereo input, stereo output) according to the audio preferences (standalone application) or if it was loaded (plug-in) on a mono or stereo audio track.

*NOTE: when the input is mono, both input bars (left and right channels) show the same level.*

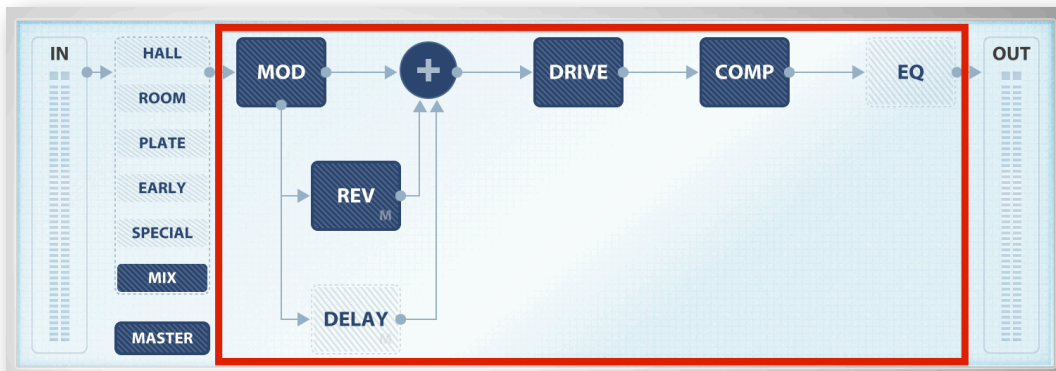
##### MASTER display

The MASTER display includes 6 effects that can be used to adjust the sound of REmatrix\*. The diagram of the MASTER display shows how the effects are placed and connect to each other.

Acting on the modules of the effects you can control their status and parameters.

*MASTER effects diagram*

\* MASTER effects, except the MASTER EQ, are not accessible in **REmatrix** Player.



## MASTER Effects\*

### MOD

Modulation Effect. Modulates the processed sound, after the IR sum and before the other MASTER effects. The modulation has been conceived fundamentally to remove the staticity of the classic Convolver. At extreme settings it is able to provide marked chorus effects.

<b>Spread</b>	Adjusts the scale of the delay times of the reflections of the reverb. The higher the more the sound is modified with respect to its neutral center.
<b>Motion</b>	The speed of the modulation. The higher the value the more you can distinguish repetitions of sound patterns.
<b>Intensity</b>	Adjusts the amount of effect applied (see NOTE).

*NOTE: the Intensity parameter has an extended range. The blue section of the knob marks the extension. Intensity values inside the blue section are over the regular range and can be set to reach particular or creative reverb sounds.*

### REV (M)

Reverb Effect. Adds an additional algorithmic reverb to the sound of the convolver.

REmatrix is a processor devoted to music and the algorithmic reverb guarantees the absolute musicality of reverb tails at any setting of the convolver.

*NOTE: this effect is automatically muted when an IR is soloed.*

<b>Time</b>	Length of the reverb tail.
<b>Color</b>	Timbre of the reverb.
<b>Diffuse</b>	Controls the geometry of the room impacting on the envelope of the reverb.
<b>Level</b>	Reverb output level.

\* MASTER effects, except the MASTER EQ, are not accessible in **REmatrix** Player.

**HPF** | High Pass Filter, pre reverb.

*NOTE: the HPF filter has been added to make the algorithmic reverb seamlessly integrate with the convolution reverb. By varying the values of HPF then we can freely decide which portions of the spectrum of the convolution reverb should also benefit from the algorithmic reverb. Low values of HPF involve an algorithmic processing which tends to the full band. Increasing the value of the HPF the algorithmic reverb will be applied proportionally to more limited portions (into the high frequencies) of the spectrum.*

## DELAY (M)

Delay Effect. Adds a delay effect to the sound of the Convolver.

*NOTE: this effect is automatically muted when an IR is soloed.*

<b>Time</b>	Defines the time delay. Clicking the small note you can synchronize the Delay to the BPM of the DAW according to all the values of the standard duration of the notes.
<b>Regen</b>	Sets the amount of feedback of the Delay.
<b>Low Cut</b>	High pass filter of the Delay (lower limit of the reproduced frequency spectrum).
<b>High Cut</b>	Low pass filter of the Delay (upper limit of the reproduced frequency spectrum).
<b>Stereo</b>	Applies a delay between the Left and Right channels to get a stereo delay. At a value of 0.0 s, the Delay is mono.
<b>Level</b>	Output level of the Delay.

## DRIVE

The Drive is an effect that can add extra density to the overall sound of REmatrix returning a behavior which is sensitive to the values of the input making REmatrix extremely dense and musical.

The Drive effect is placed after mixing the **Convolution Reverb** with the **Algorithmic Reverb** and the **Delay**.

It has been meticulously developed to add different colors of harmonic distortion in order not only to simulate the most common compression effects such as that of the tape and the tubes, but also to add actual distortion (when used in extreme setting marked graphically with a dark line).

<b>Drive</b>	Amount of distortion (see NOTE).
<b>Color</b>	Color of the distortion. Minimum values produce distortions similar to those typical of a tape. Highest values produce distortions similar to those of tubes.

*NOTE: the Drive parameter has an extended range. The blue section of the knob marks the extension. Drive values inside the blue section are over the regular range and can be set to reach particular or creative reverb sounds.*

## COMP

Compressor Effect. Optimized for the usage with reverbs, acts effectively on the dynamics of the reverb allowing you to easily change the sound by adding aggressiveness and fullness.

<b>Sustain</b>	Adjusts the amount of Compression by lowering the Threshold and increasing the Ratio while simultaneously compensating the Output Volume.
<b>Attack</b>	Sets the Attack Time.
<b>Release</b>	Sets the Release Time.
<b>Output</b>	Output Level.

## EQ

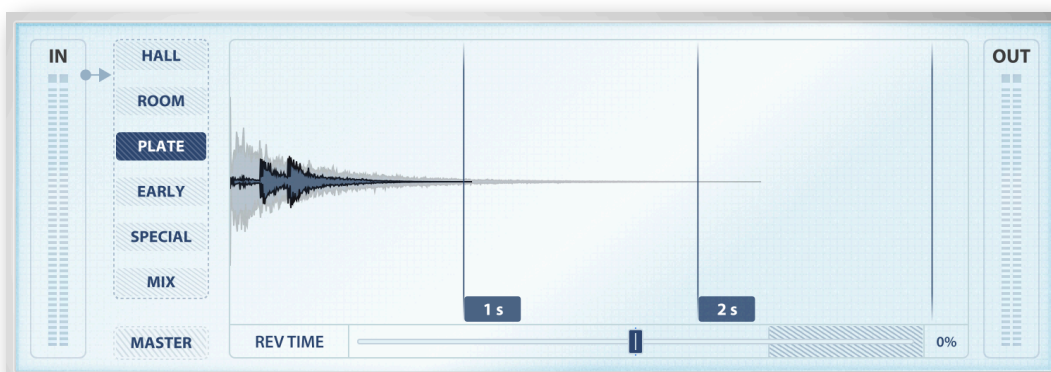
Equalizer Effect. The MASTER Equalizer allows you to equalize the final sound of REmatrix.

<b>Gain</b>	Gain/attenuation level of the bands.
<b>Freq</b>	Frequency of intervention.
<b>Q</b>	Band width.

*NOTE: the Q parameter at minimum settings allows to set the bell in Shelving mode, Low-Shelf (Band 1) and Hi-Shelf (Band 2) respectively.*

## IR WAVEFORMS Page

The IR WAVEFORMS page is shown as a replacement of the MASTER page. On this page you can see the waveforms of the IRs. To select which waveform to see just click the button with the name of the wanted IR type.



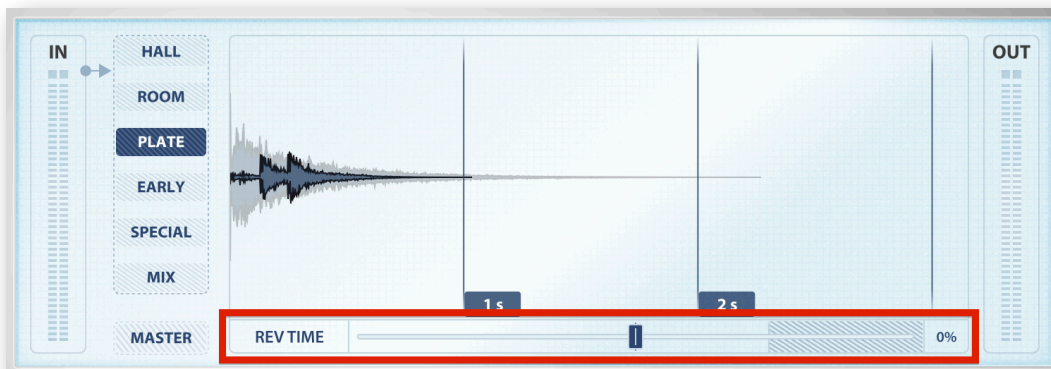
*The IR WAVEFORMS page*

IRs of REmatrix are processed together to obtain a virtual resultant IR: the MIX IR. The last button of the column, MIX, is precisely the resultant IR.

*NOTE: the degree of opacity of the waveform indicates the level of the IR. The higher the level, the more the color of the waveform is opaque.*

## REV TIME

On the IR WAVEFORMS page is the REV TIME control with which you can adjust the time of the resulting reverb.



*REV TIME fader*

### *The range*

This control ranges from -50% to +50%, so you can vary the IR MIX going from half to double, with an additional constraint: because even the single IRs can be adjusted in length, if at least one of them has been set to values close to +50%, the range of REV TIME will be reduced correspondingly.

The active range of REV TIME, therefore, will be that for which the mutual ratio between the lengths of the individual IR is kept the same. In other words, throughout the active range of REV TIME, the sound of the resulting reverb of REmatrix doesn't change if not for its length (time).

## PRE DELAY

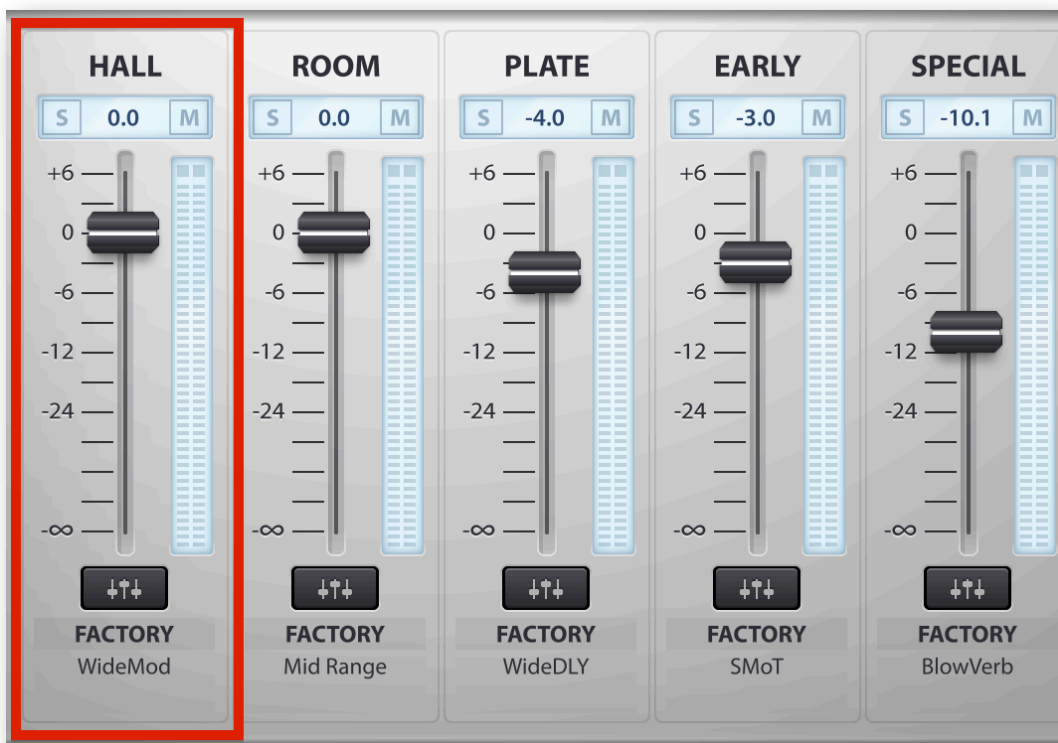
By clicking or right-clicking the REV TIME label you can select the global parameter to view. The alternate parameter, other than REV TIME, is PRE DELAY with which you can add a global pre-delay. This global pre-delay adds to individual per IR pre-delays.

You can optionally link the PRE DELAY to the BPM by clicking the small note symbol next to the PRE DELAY label. When the BPM link is on you'll see the fader moving in steps.

## IR Slots

The audio engine of REmatrix processes up to 5 IRs at the same time. On the user interface, to each IR is dedicated a "slot". When a slot is empty, the category name written as the title of the slot, has a less contrasting color.

*IR Slots*



### IR Level Faders

The most important control of the slot is the Fader whose range goes from  $-\infty$  to +6 dB. This fader adjusts the level of the corresponding IR getting a different mix between the IRs and then a different sound for the resulting reverb where the contribution of the IR in question will be more or less.

*NOTE: if you hold the SHIFT key down while moving an IR fader, all of them will move together. That's useful for raising or lowering all IR levels by the same amount.*

### S • Solo – M • Mute

Next to the faders are the buttons S and M to put the IR in Solo and Mute respectively. When you have one IR soloed, the other ones are automatically muted. In that condition, however, you will still be able to add other IRs in Solo by clicking their S button.

Soloing an IR, the MASTER effects DELAY and REV will be temporarily disabled.

At the bottom side of each slot, if one IR is loaded, you will see the name of the IR library that IR belongs to, and the name of the IR itself.

Each slot has a set of Extended Controls accessible by pressing the Extended Controls Panel button.

### IR Extended Controls Panel\*

This panel is a vertical column on the left side of the interface.

\* The IR Extended Control Panel is not accessible in **REmatrix Player**. You only can double-click an item of the allowable IR libraries (user IRs not supported in **REmatrix Player**) to load the corresponding IR to the current IR slot.



*IR Extended Control Panel*

At the top is the name of the IR type (slot) the panel is referred to, then follows the list of the IRs available in the database of REmatrix for that type. The IR list can be sorted by duration or by name using the drop down control on the top right corner of the list.

Under the list there is the "IMPORT IR..." button with which you can import your own IRs and insert them into the database under the current category. WAV and AIFF audio files are allowed.

REmatrix also supports external user IRs by pointing to a directory of the file system which contains a collection of WAV or AIFF audio files: the user IRs. The user IRs directory may have subdirectories, to keep the IRs better organized. You can select which IRs to see in the list by clicking "LIBS" for internal REmatrix library IRs and "USER" for user IRs.

*NOTE: by right-clicking a user IR of the LIBS list you will be able to **Load, Rename** and **Delete** the IR waveform itself. The **Load** command is equivalent to the double click action and will load the IR waveform into the selected IR slot. The **Rename** command lets you rename the IR (duplicated names are not allowed).*

*The **Delete** command deserves particular care. It lets you delete a user IR from REmatrix. However, if you did use that IR in a preset or, worse, in a DAW saved song, you won't be able to restore the original reverb sound anymore! So, pay great attention when you are going to delete an IR from the user library.*

*NOTE: there is an important distinction between LIBS user IRs and USER user IRs. LIBS user IRs have been imported in the REmatrix internal IRs database, so you can be sure about their existence and coherence for old DAW projects you may have the need to recall even after a*

*long time. In addition, each LIBS user IR belongs to one of the 5 REmatrix IR slots, participating to the same REmatrix concept of a final IR working as the sum of up to 5 partial IRs. USER IRs, on the other hand, don't actually get imported into REmatrix, as they are just referenced or "picked" from the file system. This allows to use your own IRs with total freedom, even not depending from IR types. Of course you must ensure to keep your IR files in place after using them in a project as REmatrix will need them next time you load the project back.*

Close to the "IMPORT IR..." there is the "ADD IR LIBRARY" button with which you can add a new IR library to the internal collection. The easiest way to do that is by dragging the **.rematrix** library file over the REmatrix window, but we discovered that under certain conditions a narrow selection of DAW applications don't allow to engage the file drag/drop feature, so we added a button to do the same operation.

Then comes the Extended Controls panel for the selected slot. Two Fully Parametric Equalizers: EQ1 and EQ2.

Here is the PAN control for the stereo positioning and the STEREO control to adjust the width of the stereo image. The value -100% converts the IR to mono, 0% keeps the current stereo image and 100% enhances the stereo field.

Afterwards, the LENGTH control to adjust the length of the IR. Note that the IRs of the REmatrix libraries can be shortened but also elongated. This further possibility makes the use of REmatrix particularly flexible and immediate.

At the bottom of the panel there is the DELAY control with which you can insert a delay before the initial processing of the IR. Using this control, you can adjust the response times of the IRs involved to obtain the resulting sound of simulated environment.

## DRY and WET Slots

Last two slots of REmatrix adjust the levels of the DRY part (input) and WET part (processed).



### DRY and WET Slots

Even the DRY and WET slots have the M button to mute them individually.

Under the DRY and WET faders are the controls to adjust the L and R stereo positioning of the two stereo channels.

## Presets column

The left column of the interface contains information about REmatrix presets.



*Presets column of REmatrix*

The upper display shows the name of the current preset. In the right part of the display there is the indicator of changes that turns on when you modify the state of REmatrix after loading or after saving a preset, thus, when there are changes that need to be saved.

### BANKS List

This list shows the banks of presets currently present in the REmatrix database. Each bank contains 128 positions to save up to 128 presets.

Below the list there are the ADD and REMOVE buttons to respectively add and remove a bank of presets.

*NOTE: factory banks, those containing the initial presets of REmatrix, can be freely modified or removed. To restore a factory bank of presets, right click a bank (even a brand new bank you just created), and choose "Restore from a factory bank..." and then select the name of the factory bank to restore. Warning: any presets already present in the bank will be overwritten.*

### PRESETS List

Under the list of banks is the list of presets. As already stated, each bank contains 128 preset positions. Each preset also shows a star which indicates if it's a preferred preset.

To load a preset in REmatrix, you can select it and click LOAD or just double click it.

Also below the preset list is the SAVE button to save the current settings in the selected preset. Then comes the X button to remove a preset emptying the position occupied in the PRESETS list.

### SHARE CURRENT STATE Button

A very special function of REmatrix is accessible with the Share Current State button, which allows to share the current settings of REmatrix.



*Share Current State button*

If you have two windows of REmatrix open at the same time, you can drag and drop the button from one window to the other and copy the current settings from the source to the target window.

You even can do the same between different versions of REmatrix. So, for instance, if you had REmatrix Player and upgraded to REmatrix full, you will face with the problem of upgrading the song projects already saved in your DAW applications. You can proceed this way: load REmatrix full in the same bus where you had REmatrix Player, next to it, and ensure to have both plugin windows open. Then drag and drop the Share Current State button from REmatrix Player to the full version window. All current settings of REmatrix Player will be copied to REmatrix full. Then you just will have to remove REmatrix Player and you'll have done the upgrade.

Additionally, you can drag the Share Current State button on the Desktop. This will save the REmatrix settings in a file. Later on, you can drag that file back over a REmatrix window to restore those settings (convenient, when your DAW application only can show one plugin interface at a time), or either you can email it to a friend.

---

## Preferences

The Preferences panel of REmatrix is where you set some options to customize its usage and behavior and where you authorize/de-authorize it the application and the IR libraries.

### Settings

These options customize the usage of REmatrix around certain aspects of the user interaction.

#### Ask confirmation when losing unsaved changes

Lets REmatrix ask for a confirmation when an action causing changes to be lost is about to be performed. For example if you load a preset, you edit it and then you load a new preset before saving the previous one.

#### Ask confirmation when overwriting another preset

Lets REmatrix ask for a confirmation when an action causing a preset to be overwritten is about to be performed. For example if you load a preset, then you select another one and click on SAVE.

#### Don't change DRY, WET Levels and Mutes upon preset loading

Prevents REmatrix from touching DRY and WET levels when loading a new preset. This is useful when you have set up the correct levels for the DRY and WET portions of the processed signal and want to test different presets to find the one that best fits your needs.

Loading REmatrix as a SEND effect, for example, you might want to set the DRY level to  $-\infty$  (or Mute it) and keep it so while testing various presets.

*NOTE: when this option is selected, changes to DRY and WET levels and their Mutes won't mark the current preset as modified. So if you move these parameters, don't expect that REmatrix warns you to save the preset when you load a new one.*

### Parameter Smoothness

This setting selects how smoothly REmatrix will transition from one overall reverb sound to the new one when you move a parameter requiring a deep recalculation of the matrix of Convolver. For example, when you change an IR length, the reverb needs to be set up from scratch with a full recalculation. This normally is performed quite fast, but if you are dragging the IR length fader thumb, multiple recalculations will take place. The way a new reverb replaces the previous one is adjusted by this setting.

**Smooth**, **Medium** and **Fast** are the values allowed. **Smooth** is the slowest one but provides a natural transition. **Fast**, on the opposite, will improve responsiveness with some compromise on the sound during the transitions. In the middle there is the **Medium** option, which most of the time does the job.

---

## User IRs Folder

Specifies the folder containing the user IRs. Pay attention to select a folder which won't be changed in future, since these files are only referenced and not physically imported into the REmatrix IR database. So you should ensure not to rename or move the user IR files after you use them in a project.

## Audio Settings...

This setting is only present in the Standalone format of REmatrix because the application has to take control of the audio interface (plugins formats leave this job to the DAW application).

- **Output**  
Selects the output audio device where REmatrix will stream the processed audio stream.
- **Input**  
Selects the input audio device where REmatrix will get the audio stream to process.
- **Sample rate**  
Sets the sample rate in audio samples per second.
- **Audio buffer size**  
Sets the size of the audio buffers processed by REmatrix. Higher values for this setting will increase the latency but will lower the CPU load.

## Authorization

This section of the PREFERENCES panel manages the license authorization of REmatrix.

Clicking the button **Manage your Authorizations...** you can access the authorization/s of REmatrix. The Standalone format of REmatrix is particularly comfortable when you run it to authorize. Click this button and you will see the Overloud account information window.

You need to be registered as an Overloud user in order to authorize Overloud products.

Since the instructions to authorize can change occasionally, you won't find a description of the authorization process here. Just run an Internet browser and access our website **www.overloud.com**. Once there, select the **FAQ** section from the header and then click the **Installation/Authorization** title on the left hand side.

Under the same Authorization section you can find the button "Authorize New IR Library" to authorize any additional IR library after its installation, if not automatically prompted to do so by REmatrix right after installing the library.