



REFLEX 2 Digital Reverb

Description

The Reflex-2 Digital Reverb is a JSFX plugin designed to add reverb effects to your audio tracks. This plugin offers a wide range of controls and options that allow users to customize the reverb sound according to their specific needs. With its intuitive interface and powerful features, Reflex-2 is a versatile tool for musicians, producers, and sound engineers.

Parameters

1. **HEADROOM:** Displays the headroom level (safety margin before saturation) in decibels (dB). The colors indicate different ranges of levels:
 - Red: Critical levels close to saturation.
 - Yellow: High but safe levels.
 - Green: Optimal and safe levels.
2. **TIME:** Adjusts the total duration of the reverb effect, determining how long it will take for it to fade out completely.
3. **PREDELAY:** Controls the pre-delay time, which is the interval between the original sound and the start of the reverb.
4. **ER/TAIL:** Adjusts the relationship between early energy (early reflections) and tail (tail) of the reverb.
5. **TAIL GAP:** Modifies the spacing or density between reflections in the reverb tail.
6. **TILT:** Allows you to tilt the frequency spectrum of the reverb, affecting its tonality.
7. **DRY / WET:** Balances between dry (original) sound and processed with reverb.
8. **STEREO:** Controls the stereo image of the reverb effect, from mono to full stereo expansion.
9. **AMBIENT, ROOM, SML HALL, BIG HALL, PLATE:** These buttons allow you to select different types of predefined acoustic spaces for reverb.
10. **WET, BYPASS, DISPLAY, BRIGHT, TILT:** These are additional controls:
 - **WET:** Enables/deactivates the wet reverb effect.
 - **BYPASS:** Temporarily disables the effect without losing the settings.
 - **DISPLAY:** Changes the display of the interface.
 - **BRIGHT:** Increases the brightness or clarity of the reverb effect.
 - **TILT:** Similar to the central rotary control, it allows you to adjust the inclination of the frequency spectrum.

Tips for use

- **PreDelay Adjustment:** A longer pre-delay can create a sense of greater distance between the source sound and the reverb environment. Experiment with this parameter to achieve different depth effects.
- **Balance Dry/Wet:** For complex mixes, it's recommended to use a low balance of wet to prevent the reverb from overloading the track. On the other hand, for dramatic effects, you can increase the wet value.
- **Using Tilt:** The tilt control can be useful for giving a specific character to the reverb. For example, a positive value can emphasize high frequencies, while a negative value can emphasize low frequencies.
- **Acoustic Space Selection:** Each type of acoustic space has its own character. Experiment with different options to find the best fit for your project.

Options available in the Menu

In the top right menu, you have several options:

1. **Chorus:**
 - This option allows you to enable or disable the chorus effect in the reverb. When this option is selected, the slider8 parameter is set to 23 if it was disabled (0), or disabled if it was enabled.
2. **Show/Hide FDL:**
 - Allows you to show or hide the Feedback Delay Line (FDL) controls. Selecting this option reverses the FDLDISP state, showing or hiding FDL controls as needed.
3. **Show Info/Help:**
 - It displays a help window with additional information on how to use the plugin. When you select this option, an informational message is displayed that includes:
 - Parameters that can be automated: Length, ER/Tail, Tilt/LPF, Dry/Wet, Stereo.
 - Useful tips such as the ability to fine-tune the controls with the Shift key and reset them with Ctrl/Cmd.

Acknowledgments "Powered by Tukan Studios"

This plugin is based on technology and libraries created by Tukan Studios. Special thanks are due to John Matthews, whose exceptional work served as the basis for the plugin series. On that basis, Edu Serra has added and modified features – such as interface design and parameter adaptation – to achieve a graphical interface in the style of ReArtist Pro.

Final summary

The Reflex-2 Digital Reverb is a powerful and flexible plugin that offers a wealth of options for customizing the reverb effect. Its intuitive interface and precise controls make it easy to use, even for beginners. With the ability to select different types of acoustic spaces and adjust various parameters, this plugin is an excellent choice for anyone looking to improve the sound quality of their music productions.