MOUNTAINROAD
DSP

Lumina Delay



User Manual

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1 Overview

Intuitive Click-and-Drag Functionality

Instead of traditional knobs, Lumina Delay utilizes an intuitive click-and-drag functionality, which is faster and more creative, allowing users to design intricate delay patterns with ease.

Versatile User Interface

The main portion of the user interface consists of a versatile grid where users can create and visualize their delay points, adjusting all parameters quickly and at a glance. Users can set the plugin to "snap to grid" mode to ensure delay patterns align perfectly with the tempo or switch to "off grid" mode for more free-flowing, creative delays.

Precision and Speed

The horizontal axis of the grid allows for precise timing adjustments, while the vertical axis enables row-specific parameter changes. This innovative approach lets users dial in their perfect delay sound in seconds, bypassing the tedious process of tweaking standard delay knobs. Lumina's precision and speed encourage users to explore entirely new delay patterns, making it a powerful tool for both creativity and efficiency.

Seamless DAW Integration

Moreover, Lumina Delay integrates seamlessly with various DAWs, supporting VST3, AU, and AAX formats. It can be used in multiple channel configurations, from mono and stereo to advanced 5.1, 7.1.2, and even 7.1.4 setups, offering unparalleled flexibility.

Advanced 3D Sound Effects

This user-centric design, coupled with the ability to create complex 3D sound effects in 7.1.4 settings, makes Lumina Delay an essential plugin for any modern audio engineer.

2 Installation



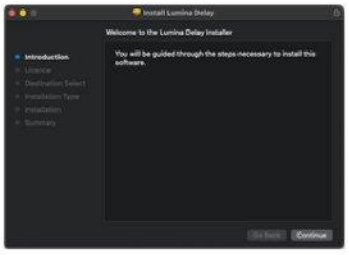
Download the latest version of Lumina Delay

Before beginning the installation process, make sure you have downloaded the most recent version of Lumina Delay from the Mountainroad DSP website: https://mountainroaddsp.com/downloads/



Close your DAW.

Before running the installer, make sure to quite your DAW (digital audio workstation) to prevent any potential conflicts.



Run the installer.

Double-click on the Lumina Delay installer to begin the installation process. Follow the prompts to complete the installation. During the installation process, the VST3, AU, and AAX formats of Lumina Delay will be installed into the correct folders.



Launch Lumina Delay

After installation, open you DAW and load Lumina Delay on a track. When you open up Lumina Delay for the first time, you will be prompted to choose between starting the 14-day trial or entering your serial key. If you have already purchased Lumina Delay, enter your serial key to activate the full version. If you choose to start the trial, you can enter your full serial key after the demo period of 14 days expires.



Use Lumina Delay.

Once you have activated Lumina Delay, you can start using it in your DAW. Lumina Delay can be used on Mono, Stereo, 5.1, 7.1.2 and 7.1.4 tracks.

3 Controls

FX Bypass Buttons:
When bypassed, the input parameter will be untouched

Clear delay points:
A popup will appear asking if you are sure to clear all delay points

Secret Menu:
Hold for 3 seconds to reveal Diagnostics Menu

Settings Menu

Dry/Wet Knob

Zoom



Global Parameters:
Changing this value will change the values of every delay point together

Drag the corner to change window size

Delay Point:

Dragging Horizontally: adjusts timing
Dragging Vertically: adjusts parameter

Right-Click: Opens up the Precision window
Opt(Alt)+Click&Drag: Duplicates Delay Point
Cmd(Ctrl)+Click&Drag: Precision Mode
Double Click: Resets Parameter
Ctrl+Left Click: Deletes Delay Point

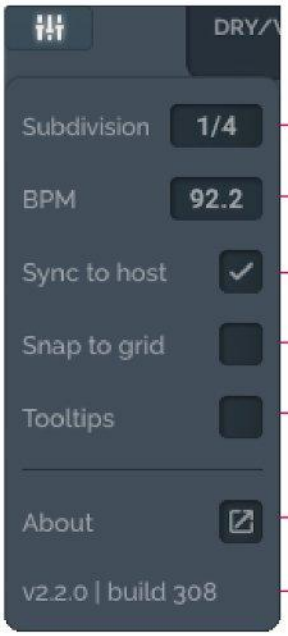
Grid:

Left-Click: creates Delay Point

Cmd(Ctrl)+Scroll: Zooming
Opt(Alt)+Scroll: Changes Subdivision

3 Controls (cont.)

Settings Menu



The Subdivision dropdown will change the grid display resolution

When "Sync to host" is unchecked, you can enter the BPM manually

When enabled, Lumina will match the BPM from the DAW ignoring the manual BPM input

When enabled, the delay points on the grid will snap to the grid according to the Subdivision

When enabled, hovering over elements will display a popup window with tooltips

Link to www.mountainroaddsp.com

Displays the installed version of Lumina Delay

4 Getting Started

In Stereo

1. Open Lumina Delay on a Mono or Stereo Track
2. If this is the first time opening Lumina Delay, enter your license code here or start the 14-Day Trial
3. Click on the grid to create your first delay point
4. You may create as many Delay points as you like
5. Drag the delay points around to create delay patterns

In Surround (5.1, 7.1.2, 7.1.4)

In a surround setting you can use Lumina to upmix from mono/stereo to surround.
Alternatively you can you use Lumina to simply delay your entire surround track without any panning changes.

To use Lumina Delay as an upmix plugin, put Lumina on your Mono/Stereo track and choose the right configuration you like: Mono/Stereo to 5.1, 7.1.2, or 7.1.4
The upmix configuration of Lumina Delay will reveal additional parameters: Center, LFE, Front/Rear, Bottom/Top

You can scroll to the parameters or you can drag the bottom right corner to change the window size

5 Tech Specs

Supported Plugin Formats:

AAX, AU, VST3

Supported Operating Systems

macOS 10.13 and up
Win 10 64-bit and up

*Lumina Delay may work on earlier
macOS and Windows versions but is untested

Version history:

v.2.2.0: Added 5.1, 7.1.2, and 7.1.4 as input options
Changed design of HighPass / LowPass
Fixed Bypass Buttons
Added Resizeable window option
Added Zoom In/Out buttons

v.2.0.0: Added Support for 5.1, 7.1.2, and 7.1.4

v.1.2.0: Added Glowing Delay Points

v.1.1.1: Various Bug Fixes
Added Shortcuts:
Opt (Alt) + Scroll: Grid Resolution
Cmd (Ctrl) + Scroll: Zoom
Opt (Alt) + Click and Drag: Duplicate Delay Point

v.1.0.0: Lumina Delay Launch