

# PolyRhythm Delay XL

## Manual: Overview and User Guide



## Welcome to PolyRhythm Delay XL!

**PolyRhythm Delay XL** is a creative stereo delay plugin that combines precise polyrhythmic timing, integrated EQ shaping, lush reverb, analog-style saturation, and dynamic ducking — all with powerful Mid/Side processing options. Whether you're enhancing spatial width or designing asymmetrical echoes, this manual will walk you through the core features, controls, and settings to help you unlock its full potential.

# 1. General Overview

- **Delay Timing Modes**

PolyRhythm Delay XL offers three powerful timing modes:

- **Stereo Mode**  
Both delay lines follow a single synchronized timing value — ideal for standard stereo delay use.
- **MS Mode (Millisecond Mode)**  
Manually set the LEFT and RIGHT delay times in milliseconds for precise control, independent of tempo or grid.
- **Polyrhythmic Mode**  
The signature mode of this plugin. Set the LEFT and RIGHT delay channels to different musical subdivisions (e.g., 4/12 and 3/16) to create rich, evolving echo patterns with true rhythmic contrast.

- **Unique Mid/Side Functionality**

Located at the bottom of the plugin, the **MID/SIDE toggle** transforms the delay engine:

- The **LEFT delay** applies to the **Mid (center)** of the stereo field.
- The **RIGHT delay** applies to the **Side (width)** components.  
This lets you apply separate rhythmic delays to the mono and stereo parts of your signal — a rare and creative tool for advanced stereo imaging.

- **Feedback Control**

The central **FEEDBACK** knob controls how much signal is fed back into the delay line, influencing echo depth and intensity.

- **Mix**

The **MIX** knob blends the original (dry) signal with the delayed (wet) signal to set the overall effect balance.

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# 2. EQ Section

- **Pre/Post Toggle**

- Choose whether the EQ is applied before or after the delay effect.

- **3-Band EQ**

- Drag interactive nodes in the spectrum display to shape the signal.
- Adjust band widths and gain visually and numerically.
- Frequencies and bandwidths are shown below the EQ display.

- **High-Pass / Low-Pass Filters**

- **HP Filter / LP Filter** knobs adjust cutoff frequencies.
- **HP Width / LP Width** knobs set Q values (resonance).

### 3. Reverb Section

- **Diffuse**
    - Controls the density of the early reflections.
  - **Size**
    - Adjusts the virtual room size.
  - **Feed**
    - Controls how much delay signal is fed into the reverb.
  - **Mix**
    - Blends the reverb effect into the final output.
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### 4. Drive / Ducking Section

- **Drive**
    - Add analog-style saturation to the delay signal.
  - **Exact (EXAC)**
    - Controls how tightly the drive follows the input level.
  - **Strength**
    - Sets the intensity of the ducking effect.
  - **Mix**
    - Adjusts the blend between dry and ducked signal..
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### 5. X | M | S (Crossover)

- **X / M / S Dial**
    - Shape how the signal is split or processed across stereo channels.
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### 6. Preset Management

- **Global Presets**
    - Load and save complete plugin states via the preset browser at the bottom of the plugin.
  - **Polyrhythmic Presets**
    - Many timing combinations are available with intuitive names like “Metroplex” and others.
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## 7. License Management

- **Entering Your License Key**

It is recommended to enter your license key during installation for immediate activation.

If you choose to skip this step, you can enter the key later by clicking either the **plugin logo** or the **demo key button** to open the license menu.

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## 8. Tips for Optimal Use

- **Creative Rhythms:** Use odd time divisions (e.g., 5/12, 7/16) for unpredictable echo textures.
  - **EQ Dynamics:** Shape only the delayed signal using PRE/Post toggling.
  - **Reverb + Ducking:** Blend spatial depth with clarity by combining reverb and ducking.
  - **CPU Efficiency:** Disable unused sections to conserve resources.
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For updates, tutorials, and technical support, visit our website <https://2bplayed.com>.  
Enjoy pushing the boundaries of rhythm and space with **PolyRhythm Delay XL**!



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