

# WMD SSF – DPLR

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## Using the WMD/SSF DPLR to Create Full-Length Eurorack Songs

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The **WMD/SSF DPLR** is a dual/stereo delay module designed to bring spaciousness, complex stereo movement, and character to your patches. While delay is often seen as a finishing or sweetening effect, DPLR's features—such as voltage-controlled delay, feedback (regen), customizable cross-talk, stereo spread, filtering, and hands-on performance controls—can drive the creative process for entire compositions.

Below, I'll analyze how to leverage the DPLR alongside other Eurorack modules to create evolving, structured songs rather than short, repetitive loops.

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### 1. Dynamic Arrangements With Delay Manipulation

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#### Automated Section Shifts

- **Patch a sequencer or LFO to DELAY CV or SPREAD CV.** Use slow, evolving modulation to change the delay time and stereo width over minutes.

- **Result:** Create distinct song sections (intro, verse, chorus, bridge) by switching or evolving delay times at musical points.

## Filter as Arrangement

- Hold the MODE button to cycle through DPLR's different filter slopes.
  - Voltage control or manual interaction with filter slope can create transitions, for example:
  - Light filtering for exposed, bright sections
  - Heavy filtering for breakdowns or ambient interludes
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## 2. Building Tension and Release

### Feedback (REGEN) Automation

- CV control of REGEN from an envelope or LFO causes the feedback level to swell or recede.
- **Build-ups:** Increase REGEN for rising echo density, then sharply drop for drops/transitions.
- Use envelope followers or manual performance faders for expressive feedback sweeps.

### Cross-Talk (XTALK) Performance

- Quickly tap the MODE to change the XTALK amount, blending delays between left/right and creating dramatic, scene-changing moments.
  - Sudden shifts to max XTALK can spiral sounds across the stereo field for fills, breakdowns, or outros.
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### 3. The Ping-Pong/Spread as a Compositional Tool

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- Automate the SPREAD control (via CV) to morph between mono and wide-stereo ping-pong effects within a song.
  - Wide ping-pong for expansive choruses or ambient bridges, narrow/mono for 'in your face' verses.
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### 4. Looping, Layering, and Live Overdubbing

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- With high REGEN and careful levels, the DPLR can function as a looping delay, capturing rhythmic or melodic motifs.
  - **Overdub evolving sequences/melodies:** Feed various voices into the delay (drums, bass, leads), and momentarily crank feedback for looping effects; then clear for new ideas or transitions.
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### 5. Multitimbral and Polyrhythmic Song Construction

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- Send different rhythmic or melodic material to each input channel and use SPREAD and XTALK to blend or separate themes across channels.
  - Sync modulation of DELAY or SPREAD to song tempo divisions (via clocked LFOs) for evolving, polyrhythmic echo patterns that evolve across the song.
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### 6. Spatial Transitions and Soundscapes

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- DPLR is perfect for lush ambient washes between sections.
  - Use filtering and extreme delay times for washed-out transitions or risers.
  - Feed noise, pads, or drones into DPLR, ride the delay time/feedback/frequency for cinematic sweeps and fades.
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# Creative Patch Examples

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## A. Morphing Beat Loop

1. Send a percussive pattern through DPLR.
2. Modulate DELAY CV with a slow LFO for shifting echoes.
3. Use manual or sequenced changes to XTALK/FILTER modes to mark A/B song sections.

## B. Expanding Chorus/Drop

- Narrow SPREAD and mild XTALK in verses.
- Instantly switch to wide SPREAD, high XTALK, and lighter filtering for chorus, making the mix explode outward.

## C. Ambient Intro or Break

- Feed an evolving pad or sample into DPLR.
  - Hold MODE to activate heavy filtering.
  - Fade in REGEN for infinite echoes, then gradually bring tonal elements to the foreground.
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## In Summary

DPLR's strength is in its **voltage-controllable performance parameters**—use sequencers, envelopes, random sources, and hands-on tweaks to: - Animate echo times, spread, and tone - Mark transitions between song sections - Build tension and release - Create evolving stereo landscapes.

By integrating DPLR creatively in your modular system, you gain a powerful tool for moving beyond loops—constructing dynamic, emotionally engaging full-length songs.

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