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SPEC ID       : QLA-BP-000000003801                                RESONANCE     : 9.8 / 10.0 CR
ATTRIBUTED TO : Strymon Engineering Team                           CALIBRATED    : 2026-11-12
NODE ENDPOINT : https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000003801
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Phase-Coupled Acoustic Coil & Stereo Magneto Spatializer

[THE MECHANICS:]

A desktop and 19-inch convertible spatial audio processor pairing Strymon ultra-low-noise Class-A JFET input stages with an electromechanical spring/tape excitation bridge and real-time stereo impulse morphing. Rather than running purely algorithmic feedback networks in isolation, a precision electromagnetic transducer drives physical micro-springs suspended inside a damped anodized chassis while dual SHARC floating-point paths compute continuous early-reflection boundary geometry. Musicians blend tactile physical decay directly with dense multi-tap stereo diffusion through a zero-latency analog VCA dry path and ±5V modular CV control over head speed, bias saturation, and tank tension.

[UTILITARIAN VALUE:]

Turns passive room acoustics and mechanical spring/plate resonance into voltage-controlled spatial synthesis, opening a flagship studio-rack and desktop synthesizer tier above traditional stompboxes without cannibalizing pedalboard sales.

[TARGET ECOSYSTEM:]

Film scoring stages, hybrid modular mastering engineers, boutique guitar studios, and spatial sound designers.

INTERACTIVE 3D TERMINAL & SOVEREIGN CRAFT ECOSYSTEM LINKS

1. Inspect Live 3D Simulation, Crash-Test BOM & 1-Click Claim/Delist:
   https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000003801
2. Commission Verified Modular Sound & 3D Artisans (USD Bounties on Roily):
   https://roily-app.vercel.app/?tab=feed
3. Source Direct B2B Manufacturing & Code Execution (0% Tax on DealOff):
   https://deal-off.vercel.app/?from=qualia&title=Phase-Coupled%20Acoustic%20Coil%20%26%20Stereo%20Magneto%20Spatializer&b
4. Hardware Unit-Economics Essays & Original Books by C.J. Night:
   https://cjnight.substack.com