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SPEC ID       : QLA-BP-000000000602                                RESONANCE     : 9.6 / 10.0 CR
ATTRIBUTED TO : Korg Berlin Lab                                    CALIBRATED    : 2026-11-04
NODE ENDPOINT : https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000000602
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Phase5 Acoustic Re-Amp

[THE MECHANICS:]

The Phase5 Acoustic Re-Amp is a studio-grade hardware module that extracts internal line-level audio signals and translates them back into real-world kinetic energy via custom electro-mechanical reed resonators developed by the Tats Takahashi laboratory. Incoming audio streams are split through a discrete analog envelope follower and transient shaper, driving a high-flux magnetic driver array that physically excites a suspended array of proprietary, laser-cut phosphor-bronze reeds. This physical vibration is captured in real-time by high-sensitivity piezoelectric pickups and optical displacement sensors mounted along the nodal points of the chassis, feeding an organic, chaos-driven acoustic feedback loop back into the DAW or master output.

Housed in a milled anodized aluminum chassis with exposed resonance chambers and magnetic damping controls, the unit operates entirely in the analog domain with zero digital latency. Users sculpt the acoustic transformation using tactile brass thumbwheels that adjust reed tension, physical mass dampening, and pickup proximity, granting direct manipulation over natural harmonic overtone generation, metallic sustain, and sub-harmonic acoustic distortion.

[UTILITARIAN VALUE:]

This architecture unlocks a high-margin hardware revenue stream by commercializing the proprietary electro-mechanical R&D of the Berlin laboratory, directly targeting the high-end boutique studio and electronic music producer market. By bypassing plugin emulation in favor of true physical resonance, Korg Berlin captures a lucrative segment of producers seeking organic texture, driving strong gross margins through precision-machined hardware and proprietary acoustic transducer assemblies.

[TARGET ECOSYSTEM:]

High-end professional recording studios, experimental electronic music producers, and sound designers seeking physical acoustic synthesis hardware.

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/b0000000-0000-0000-0000-000000000602
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=Phase5%20Acoustic%20Re-Amp&bounty=250
4. Hardware Unit-Economics Essays & Original Books by C.J. Night:
   https://cjnight.substack.com