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SPEC ID       : QLA-BP-000000001102                                RESONANCE     : 9.7 / 10.0 CR
ATTRIBUTED TO : Instru Modular Studio                              CALIBRATED    : 2026-11-05
NODE ENDPOINT : https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000001102
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The Scythe Wavefolder Pendant

[THE MECHANICS:]

The Scythe Wavefolder Pendant operates as a passive, wearable analog instrument and jewelry piece, manufactured from 2-millimeter anodized structural aluminum with recessed 24-karat gold-plated brass detailing, directly mirroring the iconic faceplate geometry of Instru Eurorack modules. The physical enclosure houses a miniature, non-powered passive diode-transistor wavefolding circuit wired to an integrated 3.5mm input and output jack pair hidden within the bail of the pendant. When connected via a standard patch cable to any external modular synth, synthesizer line output, or smartphone headphone jack via an adapter, the wearer can process external audio through the micro-folded analog topology by adjusting a miniature gold-knurled potentiometer positioned on the face of the pendant.

The digital execution leverages an accompanying Near Field Communication (NFC) tag embedded within the rear epoxy backing of the aluminum chassis. Tapping the pendant against any mobile device unlocks access to a proprietary web-based synthesis workspace and digital twin of the hardware circuit. This digital interface uses physical modeling algorithms to simulate the exact harmonic distortion characteristics of the analog wavefolder, allowing owners to capture, manipulate, and export custom wavetables directly to their DAW or hardware modules via MIDI-over-Bluetooth or SD card transfer.

[UTILITARIAN VALUE:]

This artifact establishes an ultra-high-margin lifestyle accessory line that converts passive brand enthusiasts into mobile ambassadors while bypassing the component constraints and assembly bottlenecks of traditional Eurorack production in the Glasgow facility. By pricing the pendant at a luxury tier with a low bill-of-materials cost, the product yields an exceptional gross margin exceeding eighty percent, directly subsidizing R&D for core analog synthesizer developments while driving direct-to-consumer digital software subscriptions through the integrated NFC software ecosystem.

[TARGET ECOSYSTEM:]

Boutique electronic music producers, modular synth performers, and luxury tech-fashion consumers operating within the global electronic music market.

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/b0000000-0000-0000-0000-000000001102
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=The%20Scythe%20Wavefolder%20Pendant&bounty=250
4. Hardware Unit-Economics Essays & Original Books by C.J. Night:
   https://cjnight.substack.com