

Tri-Harmonic Phalanx



Controls

- IGF-1 (Low) Gain/Level: Shape the depth and drive of low-end.
- GH (Mid) Gain/Level: Adjust the midrange intensity for cutting clarity or growling warmth.
- ACTH (High) Gain/Level: Fine-tune the brilliance and attack of your high-end. Add shimmering presence or sharp, searing edge to your tone.

Refine, Shape, Enhance

It isn't just a boost. It's a precision tool built to sculpt your tone before it hits the rest of your signal chain. Whether you want subtle clarity, layered grit, or focused harmonic saturation, this pedal adapts to your sound, not the other way around.

Parallel Tone Architecture

With three independent bands, each with its own gain and level controls, you can shape lows, mids, and highs in parallel. Add shimmer to the top, body to the bottom, or drive in the mids—or all at once. It's your tone, dissected and reassembled with purpose.

Features

- LED color: Warm White
- Enclosure: 125B Pastel Light Green PANTONE® P 145-3 C
- Knobs: DAVIES 1900H Black
- Power Supply: Regular 2.1mm center-negative 9V DC >100mA
- Power Draw: <30mA
- Dimensions: W70mm. L125mm, H60mm
- Weight: 255g
- Switching: True Bypass
- Jacks: Top Mounted

RhPf Electronics



Tri-Harmonic Phalanx

Tri-Band Enhancer



User Manual

<https://rhpfelectronics.com/>

Original Circuits. Unique Tone. Swiss Precision.

Three Bands, One Voice

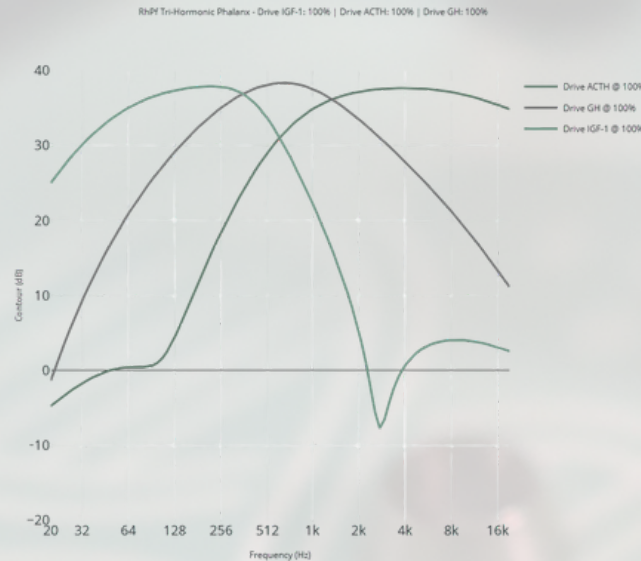
The Tri-Harmonic Phalanx splits your signal into lows, mids, and highs, each with its own gain and volume path. You can keep one band clean, drive another hard, and let the third float in between. Think of it as three boosts running side by side, working in harmony.

Push Mids, Blend the Rest

Want saturation without muddying your tone? Push the GH (Mid) gain into clipping while reducing its level. Then drop the gain of IGF-1 and ACTH (Low and High) for a clean base and top, raising only their levels. The result? A saturated midrange wrapped in clarity.

From Transparent to Grit

Set all three bands with minimal gain for a clear, full-spectrum clean boost. Or crank individual bands to stack harmonic content with precision. This pedal can stay invisible or add growl exactly where you want it.



Foundation First

The Phalanx was designed to be first in your signal chain. Sculpt your guitar's raw voice before distortion, delay, or modulation. It shapes the sound at the root, letting every effect after it bloom.

About That Crackle...

If the Drive knobs crackle when turned, no stress. That's normal. Each one controls how much signal hits its MOSFET gain stage. Because they come before the active stage, adjusting them can briefly shift the bias and make noise. But once set, they stay quiet. Just dial in your gain—then let it roar.

Always in Balance

No matter how extreme your settings, the Tri-Harmonic Phalanx stays clear and phase-coherent. Its architecture blends signals with transparency and power, letting you boost without buildup.



A Pedal with Purpose

Beyond the tone, this pedal stands for something. From its name to its design, it's a quiet advocate for awareness, a reminder that strength and subtlety can coexist, and that sound can carry more than notes.

